Sandra Bürger and Ute Lanzendorf (eds.)

Higher Education Institutions in Europe: Mobilized by Mobility?

The Impact of the ERASMUS Programme on Quality, Openness, and Internationalisation

Reihe WERKSTATTBERICHTE

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WERKSTATTBERICHTE – 73

International Centre for Higher Education Research Kassel INCHER-Kassel

Kassel 2010

WERKSTATTBERICHTE

Access is provided to the electronic version of this publication at: http://www.uni-kassel.de/incher/v_pub/

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Kassel (INCHER-Kassel) University of Kassel

Moenchebergstraße 17, 34109 Kassel, Germany

Assistant to the Editor: Christiane Rittgerott

Printing: Druckwerkstatt Bräuning + Rudert GbR, Espenau

ISBN: 978-3-934377-89-9

Verlag Winfried Jenior

Lassallestr. 15, 34119 Kassel, Germany

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PREFACE

INCHER-Kassel and the ERASMUS Programme – a Continuous Dialogue through Evaluation Studies

Ulrich Teichler

Evaluation research has been a regular companion of the ERASMUS programme (European Community Action Scheme for the Mobility of University Students) from its beginning. For each pluri-annual funding period, evaluation studies were commissioned in order to have programme implementation checked and to establish if the intended programme impact materialized. This reflects the general policy behind European programmes: they are expected to actively promote sector development rather than to fund 'routine' services. Their primary objective is to contribute to the achievement of medium-term strategic goals at the European level. Most programmes of the European Union are established under the condition that they have to be discontinued should there be evidence that they fail to bring about the expected change. Certainly, in the case of the ERASMUS programme, also its enormous potentials and risks led to the conclusion that frequent and thorough studies ought to be undertaken. Evaluation results regularly informed strategic re-orientation and also adaptations in the way the ERASMUS programme was implemented.

Over the last decades, scholars of the International Centre for Higher Education Research of the University of Kassel in Germany (INCHER-Kassel), previously named Centre for Research on Higher Education and Work, have continuously played a major role in evaluating the ERASMUS programme. They took responsibility for transferring the evaluation requests by the European Commission – and occasionally re-undertaken by other sponsors – into credible research projects which surpassed the scope and political interest of the funders, drew from the state of systematic knowledge on mobility as well as from own, credible data surveys, and at the same time did not compete with politicians in making recommendations by limiting their advice to aspects immediately plausible from empirical findings.

Most recently, in 2008 – i.e. at the time when the former SOCRATES Programme was enlarged and named Lifelong Learning Programme, whereby ERAS-MUS was continued as a sub-programme –, scholars from the Center for Higher Education Policy Studies (CHEPS) of the University of Twente in the Netherlands

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took the lead in analyzing the role of ERASMUS for the quality of higher education institutions in Europe (CHEPS, INCHER-Kassel and ECOTEC, 2008). In the study "Quality, Openness and Internationalisation: The Impact of ERASMUS on European Higher Education" – coordinated by Hans Vossensteyn – teams of CHEPS, INCHER-Kassel as well as of ECOTEC Research and Consulting Ltd. cooperated. In this framework, Sandra Bürger and Ute Lanzendorf from INCHER-Kassel undertook questionnaire surveys of university leaders, central ERASMUS coordinators and departmental ERASMUS coordinators within the individual institutions of higher education participating in ERASMUS. Whereas the format and approach of these three surveys resembled those of previous studies, the general project design differed in some respects from the design of earlier studies under participation of INCHER-Kassel: the various parts of data collection were only loosely intertwined, the questionnaire surveys were not in the centre of the project, and it was an objective to provide detailed policy advice.

This book presents the findings from the study "Quality, Openness and Internationalisation: The Impact of ERASMUS on European Higher Education". After the final report had been published by the European Commission on the Internet shortly after its submission, the description of the three surveys and their results were revised and edited to become the central chapter of this book. Prior to the chapter on the three surveys, the overall project approach and additional findings will be summarized in an introductory article written by three key persons of the overall project.

Whereas earlier ERASMUS evaluations had focussed on the specific results of the different programme components, the study on the impact of ERASMUS on quality, openness, and internationalisation took a different perspective. Hitherto, evaluation studies took European-funded activities as a starting point and then analysed their impact on individuals and on the higher education study programmes the individuals were involved in. The project the results of which are presented in this book, however, for the first time endeavoured to establish links between overall changes in higher education and ERASMUS activities. Starting from recent advances in quality, openness and internationalisation in higher education, the main question to be researched was if these had been substantially supported or triggered by ERASMUS. In this context, the analysis of programme impact considers the various ERASMUS activities as a whole and links them to overall institutional development rather than to individual participants or study programmes.

Earlier evaluation studies on temporary student mobility in Europe led by INCHER-Kassel or under participation of its scholars include the following:

 The ERASMUS programme was preceded by the pilot programme "Joint Study Programmes (JSP)" which provided support from 1976 to 1986 for networks of departments cooperating in student exchange. Scholars of the Centre in Kassel joined the "Study Abroad Evaluation Project" (SAEP) which – initiated Ulrich Teichler 9

by Ladislav Cerych (European Institute of Education and Social Policy, Paris) – compared the provisions, processes and results of temporary student mobility in the framework of various programmes in France, Germany, Sweden, the United Kingdom and the United States of America, among other student mobility in the framework of JSP (see Burn, Cerych and Smith, 1990; Opper, Teichler and Carlson, 1990). In addition, a study was undertaken on issues of recognition in the framework of JSP (Dalichow and Teichler, 1986).

- "The ERASMUS Experience", the biggest single study on the ERASMUS programme was undertaken in the early period: the first seven years of ERASMUS (Teichler and Maiworm, 1997). The statistical reporting system of ERASMUS was initiated in this context, and surveys were undertaken of ERASMUS students soon after the study abroad period, former ERASMUS students some years afterwards, ERASMUS coordinators and mobile teachers. This project turned out to be the standard-setting for various subsequent studies. This study was coordinated by Ulrich Teichler of the Centre in Kassel and was undertaken in cooperation with the Gesellschaft für empirische Studien (GES) in Kassel.
- In the late 1990s, a team of experts led by Andris Barblan (European Rectors' Conference, CRE) and with scholars from the Centre in Kassel undertook the project "European Policies". It analysed the "European Policy Statements" written by the individual institutions of higher education in their application for ERASMUS grants and aimed to assess the role strategic views played in the overall international activities of the institutions (Barblan et al., 1998; Barblan et al., 2000).
- Around 2000, an interim evaluation study of the SOCRATES Programme the EU umbrella programme established in 1995 and continued until 2006 which included ERASMUS as a sub-programme was coordinated by Jean Gordon (European Institute of Education and Social Policy, Paris). In this framework, scholars of the Centre in Kassel and the GES were in charge of the evaluation of ERASMUS and undertook in 1999 the study "ERASMUS in the SOCRATES Programme" with a similar set of surveys as they had undertaken in the preceding evaluation project (Teichler, 2002).
- Around 2005, scholars of the Centre in Kassel, coordinated by Ulrich Teichler, and again active in cooperation with colleagues at GES, analysed "The Professional Value of ERASMUS Mobility". They surveyed mobile students as well as mobile teachers about five years after their stay abroad, thereby addressing their retrospective views of the mobility period, their subsequent learning, employment and work as well as the perceived impact of the ERASMUS experience (Janson, Schomburg, and Teichler, 2009).

The results of the surveys undertaken from the 1980s until 2005 became well known. They certainly were steps on the way of gradual extension and improvement of research on internationalisation of higher education (cf. Teichler, 2004;

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Kehm and Teichler, 2007; Kehm and Lanzendorf, 2010). The highlights of the findings can be viewed now as "conventional wisdom" about temporary student mobility in Europe:

- While the "mainstream" of student mobility world-wide is study abroad for a
 whole study programmes in countries with higher quality standards than
 those of the students' origin, ERASMUS is a programme for temporary student mobility among institutional partners of more or less the same quality.
 The major effect of such "horizontal mobility" cannot be that of enhancing
 the quality level of learning in general, as it is expected to be in the case of
 "vertical mobility", but rather that of creative learning and widened understanding from contrasting experience.
- 2. ERASMUS has succeeded in making temporary study abroad for students in Europe from previously being an exceptional choice to be one of the normal options in the course of study. Its initial aim that through ERASMUS or other means at least ten percent of all students in the European Union spend at least one study period in another country has become a reality within twenty years, for quite a number, but not for all countries participating in Europe.
- 3. Efforts to stimulate "organized study" abroad (in terms of alleviating the organisational conditions) and "curricular integration" (in terms of making content-related arrangements that a study abroad period can be viewed as equivalent to study at home) was successful insofar as the major problems faced by mobile students during the study period abroad are out or partly out of the control of these principles: problems of funding, problems of accommodation, problems of having too many contacts with home country nationals, etc.
- 4. The results of learning for a temporary period abroad might be analytically segmented as academic, cultural and linguistic achievements, but the majority of mobile students consider academic progress abroad higher than academic progress during a corresponding study period at home because of the reflective value of learning from contrast a result which cannot be divided according to those categories.
- 5. The rate of recognition of study achievements abroad upon return turned out to be in all surveys higher than 70 percent. As many students go abroad still with sub-optimal language proficiency and as on average fewer courses are taken abroad than at home, this level of recognition cannot be viewed as low. But there was room for improvement in some countries and various institutions
- 6. The introduction of credits (ECTS) turned out to be successful in the first about ten years by leading to a higher degree of recognition on average than in the case of other means of "book-keeping" of the results of study abroad.

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- 7. Recognition of study abroad, however, is quite low, if a strict definition is applied: no prolongation of the overall period of study is needed due to the period of temporary study abroad. This shows that many students are given artificial recognition, i.e. recognition not ensuring that a corresponding period of the home curriculum will be foregone.
- 8. Temporary mobile students in Europe turned out to be clearly superior to non-mobile students in terms of their visible international competences, e.g. foreign language proficiency, knowledge on other countries and intercultural knowledge and understanding. They also see themselves and are seen by others as slightly superior in other professionally relevant competences.
- 9. Former mobile students far more often opt for advanced studies than formerly non-mobile students. This suggests that learning abroad raises the interest in learning.
- 10. Careers of former ERASMUS students, as a consequence, look on average only marginally superior to those of non-mobile students, but they are clearly different in leading to substantially more international labour mobility and in taking over job tasks which require visible international competences clearly more frequently.
- 11. Over the years, the above named differences between the careers of temporarily mobile students and non-mobile students became smaller. This might be primarily due to the fact that the overall trend towards internationalisation leads to an erosion of the exclusiveness of international competences acquired with the help of temporary study abroad.
- 12. Teaching staff exchange in the framework of ERASMUS is not only an element of support for student mobility, but it also has far-reaching impact on the subsequent life of the mobile teachers themselves. Although the periods of teaching abroad are relatively short as a rule and take place at a period in life, when many key orientations and decisions have already been made, they often have an enormous re-orientation effect for the mobile teachers.

In the following, the study on the ERASMUS contribution to quality, openness, and modernisation of higher education will describe additional dimensions of ERASMUS impact with a focus on the institutional level.

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Contributing to Quality, Openness, and Internationalisation: The ERASMUS Impact Study 2008

Hans Vossensteyn, Ute Lanzendorf, and Manuel Souto

1.1 The Mandate of the Project

The study presented here was commissioned by the European Commission in 2007 to explore the contribution of the ERASMUS programme to "excellence" in higher education in Europe. Following the Terms of Reference, the overall objectives of the study were:

- to identify the extent and nature of the contribution of the ERASMUS programme and its action programmes to quality improvement in higher education in Europe;
- to verify whether and how ERASMUS has contributed to the modernisation of higher education institutions by organisational reforms, internationalisation and professionalisation in student services and institutional cooperation;
- to identify the contribution of the ERASMUS programme (formally a sub-programme of SOCRATES from 1995 to 2006 and of Life-Long Learning from 2007 onwards) to the development and innovation of teaching and research, for example, by improving the quality of teaching, creating a more stimulating learning environment for students and establishing academic cooperation and networks; and
- to further identify the contribution of ERASMUS actions to developing a stronger European dimension to higher education in all the 31 countries which participated in the ERASMUS programme, with particular attention to the partnership and network effects that have been triggered between higher education institutions and the added value this may have generated.

To these ends the project aimed at the following:

 the identification and analysis of the different aspects of quality improvement of higher education institutions and the extent to which these have been influenced by ERASMUS;

- the identification and analysis of the ways in which the Europeanisation, internationalisation and modernisation of higher education institutions have been influenced by ERASMUS;
- the identification of indicators to be used to study the impact of the ERASMUS programme on quality improvement in European higher education over time;
- the formulation of recommendations on how the operation and impact of ERASMUS on quality improvement in higher education in Europe can be maximised in the future.

In the course of the study, these objectives and expected deliverables have been expanded with the notion that not only the success factors of ERASMUS for quality improvement in European higher education should be considered, but that the potential barriers that ERASMUS may raise for quality improvement in the core functions of higher education should also be taken into account.

1.2 Conceptualizing Excellence and Quality in European Higher Education

During the first decade of the 21st century, special attention was paid in the higher education policy debates to the diversity of higher education. In this context, many actors and experts advocated a widening of vertical diversification in order to enhance the conditions for "world-class" research in a limited number of top universities. "Excellence" became the key word in the public debate, when the strengths and the weaknesses of a high-quality sector within higher education were addressed, and it spread in the debate towards various concerns about the quality of higher education. Following this debate, the contribution of ERASMUS to excellence can be understood as contribution of ERASMUS to moving universities "to the top" in comparison to other universities in a competition towards becoming and remaining universities.

The European Commission and the authors of this study agreed that for the purpose of the study the term "excellence" should be understood in such a way. The concretisation of excellence as "quality, openness and internationalisation", first, takes into consideration that ERASMUS was established to mobilize large number of students, possibly representative to the average in terms of countries, fields and socio-biographic background and also not way above the academic average, i.e. notably students who would not have gone abroad for a temporary study period, if such a promotion programme had not existed. Second, this underscores the understanding that horizontally varied universities should strive for quality enhancement according to their specific profiles. Institutions of higher education all have their own unique characteristics; they have different missions, and different contexts and environments. Some universities aim for a breakthrough in academic knowledge, others are more oriented towards applied re-

search to respond to regional needs, while a third group of universities may have as their primary mission educating people whose competencies match well with specific labour market needs. All these activities are equally important in making Europe a leading knowledge economy and society. The diversity in higher education institutions and missions is regarded as a particular European strength in the global competition. Therefore, the aim of the study was to explore the role ERASMUS plays in enhancing quality in higher education according to diverse perspectives and correspondingly diverse criteria of quality. The project just started from one of the beliefs of the European Commission, according to which mobility was one valuable element in the modernisation and the quality enhancement of higher education in Europe (see European Commission, 2006). The European Commission formulated in the terms of reference for this project: "Excellence in the context of this study is defined by "quality" and "the degree of openness and of internationalisation".

Given the diversity in missions and profiles of higher education institutions across Europe, the study took a rather broad and pragmatic approach.

First, this project accepts the notion of the European Commission that quality includes, in addition to the notion of academic standards, the successful modernisation in terms widely accepted by actors and experts. In the framework of this project this includes the notions of the European Commission that internationalisation and openness are elements of such a modernisation. In the scope of this study, openness to society includes contributions to the region, the economy and society.

Second, the project aims to explore the breadth of notions of quality and the contribution of ERASMUS to varied notions of quality. In open interviews, quality improvement can be explored in terms of contributions to "fitness for purpose". Quality is thus judged as the extent to which higher education institutions and systems broadly achieve their purposes and mission.

Third, the project methodologically was not in the position to consider "quality" as an "open sky", if it employs standardized questionnaires for measuring the perceived impact of ERASMUS. Therefore, a need was felt to develop a relatively broad list of aspects on which one could expect an impact of ERASMUS. Actually attention was paid notably to international mobility and cooperation, student services, teaching, learning and research, quality assurance, the professionalisation of staff as well as enhancing the missions and profiles of higher education institutions.

1.3 Data Collection

The research team lead by Hans Vossensteyn – Center for Higher Education Policy Studies (CHEPS), University of Twente, the Netherlands – agreed to undertake three studies in the framework of the project:

a literature review.

- questionnaire surveys, and
- interviews at individual institutional cases.

The research work was divided accordingly between the three institutions participating in the project.

The CHEPS team undertook a literature review. This review considered publications on the ERASMUS programme since its inauguration in 1987 with a focus on systematic studies aiming to take stock of the ERASMUS activities and results achieved. Hans Vossensteyn, Maarja Soo, Leon Cremonini, Dominique Antonowitsch and Elisabeth Epping were involved in this activity as well as in the overall synthesis of the three studies.

The questionnaire surveys of the university leaders, the central ERASMUS coordinators and the departmental ERASMUS coordinators at all institutions of higher education participating in ERASMUS as well as the analysis of their findings were undertaken by the team of the International Centre for Higher Education Research (INCHER-Kassel) of the University of Kassel, Germany. These surveys undertaken between March and May 2008 were coordinated by Ute Lanzendorf and Ulrich Teichler and actually carried out and analysed by Sandra Bürger, Ute Lanzendorf and Ahmed Tubail.

The case study analysis was under the responsibility of ECOTEC Research and Consulting Ltd. Members of the team were Manuel Souto (coordinator), Andrew McCoshan, Sonja Vega, Kerry Allen, Javier Fernández, Begona Soriozano and Christina Torrecillas. 20 institutions of higher education in 16 European countries were addressed in the case study analysis. Actually 12 case studies were undertaken by the ECOTEC team and four each by CHEPS and the INCHER-Kassel teams.

Based on the survey results, 15 institutions that reported very high and five institutions that reported very low ERASMUS impact on quality improvement were selected. Among the case studies, institutions from different geographical regions and with different missions are represented. Available documents were analysed, before on-site visits were undertaken with interviews of ERASMUS coordinators, academic, administrative staff, students, and – as far as possible – also external stakeholders. The aim of the study was to map the national and institutional context, to gather detailed information on the ERASMUS experience and to explore the varied views as regards the impact of ERASMUS on quality improvement in a broad range of areas.

In this chapter, select findings of the literature review and the case studies will be summarized. The findings of the questionnaire surveys will be presented separately in the following chapter. The policy recommendations can be consulted in the online publication of project results (CHEPS, INCHER-Kassel and ECOTEC, 2008).

1.4 The Results of the Literature Review

Several studies have examined the effect of the ERASMUS programme on students and staff, as well as on higher education institutions and national systems. At the individual level, ERASMUS students are more likely to have international careers; the programme has demonstrated an effect on their career related attitudes, personal values, interpersonal skills and confidence. Although the academic contribution of the programme is usually less emphasised, around half of the students still report positive effects on their academic progress, and especially on foreign language skills. Mobile staff reports better career opportunities, positive effects on teaching activities, and a particular effect on research cooperation and academic competencies in general.

ERASMUS has also demonstrated a considerable effect at the institutional level. These effects can be identified primarily in two areas: internationalisation and teaching and research. Since its inception ERASMUS has had a positive impact on establishing international offices and language centres in universities. It has increased the awareness of European and international activities, and improved international cooperation. The programme has also encouraged universities to develop structured internationalisation policies to replace ad hoc international activities. The European Policy Statement (EPS) is one way to increase the awareness of this.

The effect on teaching and research seems to be more indirect. Teacher exchange programmes contribute primarily to international contacts and joint activities, and to a lesser extent to teaching practices. Curriculum development projects have contributed to teaching in the form of curriculum improvement, but the evidence on the impact of the projects is not conclusive. International contacts that come out of teaching activities had a spill-over effect on research networks. Next to international networks, cooperation and other indirect benefits, the direct effect of ERASMUS on the quality of teaching and learning is estimated as quite low.

The effect of ERASMUS on national and international policies is most difficult to show empirically. In general terms, the growing number of mobile staff and students has made internationalisation a part of general higher education policy and the programme has thus helped to influence domestic internationalisation policies. There are also examples of specific international initiatives that have grown out from ERASMUS activities.

Undoubtedly, ERASMUS has triggered a series of important developments in higher education. Especially, ERASMUS had a considerable impact on the Bologna process in terms of agenda setting, infrastructure and content. Action lines in the Bologna declaration have a clear overlap with the ERASMUS programme (e.g. ECTS, diploma supplement most visibly, but also quality assurance, student mobility and joint degrees). In addition the ERASMUS grants have supported numerous stocktaking exercises and facilitated other overview reports and conventions. ERASMUS' impact has been particularly noticeable in the quality assurance

activities. Since the early 1990s ERASMUS has initiated quality review exercises and facilitated the sharing of 'best practices', which culminated in establishing the European Association for Quality Assurance in Higher Education (ENQA) in 2000. Most recently ERASMUS has supported the establishment of the European Quality Assurance Register and supports the annual forum on quality assurance issues in higher education.

The European Qualifications Framework (EQF) is also closely linked to ERASMUS. ERASMUS projects shared experiences with national qualifications frameworks in the early stage, leading to the inclusion of qualifications frameworks in the Bologna agenda. This process was further stimulated by the ERASMUS supported project "Tuning Educational Structures in Europe".

ERASMUS has also inspired the higher education part of the Lisbon Strategy for Growth and Jobs, as the (Bologna) curricular reforms are an integral part of the modernisation agenda for universities, defined in the Commission Communication of May 2006. Some national and interregional initiatives take over the ideas and procedures of the ERASMUS programme, such as the ERASMUS Belgica programme. Outside Europe ERASMUS has also gained attention and influence. The Japanese government launched a policy to establish an Asian equivalent of the ERASMUS programme including an academic credit transfer and accumulation system from 2009 onwards. In addition, the ECTS model is regarded as an example for higher education systems throughout the world that are in the process of developing a credit transfer system.

1.5 The Results of the Case Studies

The case studies examined in greater detail the findings that emerged from the survey (see the following chapter). They showed that the motivations for getting involved in the ERASMUS programme vary. One group of universities sees ERASMUS as an opportunity to improve the quality of the institution and to support its modernisation efforts. Others see ERASMUS as an important tool to offer students international study opportunities that may be required in their course programmes. Yet, some universities see ERASMUS as a way to contribute to their profiling at international level, and in some countries universities face pressure from national policy-makers to get involved. Others indicate their ERASMUS involvement is related to national expectations to get involved in the programme.

In spite of the varied motivations to take part in the programme, the case study visits found evidence that higher education institutions have clearly benefited from their participation in the ERASMUS programme in terms of teaching, learning and student services. ERASMUS has provided universities with an opportunity to improve their institutional structures, internationalisation strategies and modernisation efforts. Key impacts were reported in respect of improvements in teaching and learning. Interesting developments were found primarily in terms of curricu-

lum development. Specifically, new modules and study programmes were set up in collaboration with other international partners and curricular modernisation and internationalisation have occurred. The ways in which education is delivered has also evolved as a result of ERASMUS participation, leading to the use of new methods and techniques. The introduction, development and harmonisation of ECTS, although varied in its degree of implementation was also reported as a positive impact. Thematic networks, joint degrees and ERASMUS-supported ECTS have triggered modernisation and internationalisation of the curricula. As a result of ERASMUS participation, institutional strategies to internationalise curricula in different subject fields have also been developed. ERASMUS and ECTS are regarded as quality marks by many higher education institutions as they are associated with certain forms of accountability and transparency.

The presence of international students in particular seems to have an effect on teaching methods and quality. Several universities noted that international students require the institution to review their teaching practices. Often the changes made are related to shifting from a lecture format to more interactive teaching approaches, with some higher education institutions increasingly using case studies and student presentations and discussions. In some cases, the use of ICT and elearning has been greatly developed. In addition, ERASMUS has also contributed to improvements in the language skills of students and staff, which has encouraged international cooperation further.

ERASMUS has impacted not only on teaching, but also on research activities. Staff mobility programmes as well as other ERASMUS activities that help to create international contacts contribute to this. Firstly, ERASMUS contacts have helped universities to benchmark themselves against international institutions and to benefit from becoming acquainted with quality standards from elsewhere. Secondly, the contacts that academics establish through their international colleagues have often led to joint research projects and publication activities - some higher education institutions reported outcomes from research collaboration that began with their participation in the programme. Other higher education institutions reported that the programme had an impact on shaping the research agenda of the ERASMUS coordinators and had also contributed to identifying new research areas for other staff. As many universities aim to become globally renowned centres of research, international collaboration is seen as vital to achieve this. As a result, ERASMUS seems to have had an effect on other international activities. It provides international experience and skills which allow the institutions to enter other international networks. ERASMUS procedures have also often been extended to other international mobility programmes, for the benefit of students and staff.

A significant contribution of the ERASMUS programme was identified in all case study reports in relation to improvement in student services. Universities have set up and expanded international offices, provided language training for outgoing

and incoming students, and identified key contact at international support offices. Higher education institution infrastructure has also improved in most cases, partly as a result of increasing inflows of international students and concerns with the image of the higher education institution abroad. Higher education institutions have also introduced a range of student support activities, such as international weeks, ERASMUS days and introduction to host cities. Information provision has also improved, for example through enhanced websites for international students and expanded provision of information on health and issues. Additional services for students, such as accommodation support, have also often been created.

Besides creating and strengthening these services and structures, it is worth highlighting that the ERASMUS programme has had an interesting side effect in terms of enhanced joint work within the higher education institution. For example, faculty members who are responsible for academic supervision of incoming ERASMUS students report increased contacts and collaboration with the Student Union and various other student support services. Strengthening these relations has associated benefits for not only ERASMUS students, but also home and other international students.

Several higher education institutions reported that the ERASMUS experience contributed to providing new opportunities for individuals from local, national and international communities and other partners. ERASMUS has led to international confidence and experience and by opening up the university to international visitors and networks.

Although some marginal negative side effects of ERASMUS have been identified, these were far out-weighted by the positive impacts evidenced by the case studies. The administrative burden of the programme, difficulties in achieving recognition of periods abroad and low levels of language proficiency are the key difficulties identified in the case study visits.

Overall, the study on the impact of the ERASMUS programme on quality improvement has shown that ERASMUS has been very valuable to the development of higher education in Europe, not only in terms of its primary processes in teaching, learning and research, but also in areas such as institutional and organisational development (modernisation), profiling through internationalisation and the development of student services. However, all activities require additional efforts in terms of administrative, financial and human resources.

Reference

European Commission (2006). Final Communication from the European Commission to the Council and the European Parliament on "Delivering on the Modernisation Agenda for Universities: Education, Research and Innovation" on 10 May 2006. Brussels: European Commission, COM(2006)208.

ERASMUS Impact from an Institutional Perspective – Findings from Three Questionnaire Surveys

Sandra Bürger and Ute Lanzendorf

2.1 Introduction

In the recent decade, higher education institutions in Europe have lived enormous change. Implementing the European Higher Education Area, responding to the Lisbon strategy as well as adapting to new governance and funding mechanisms have made institutions reorganize themselves thoroughly. That process is widely understood as a general modernisation of higher education which has brought about important quality improvements with respect to teaching, research and institutional openness to society. This chapter presents the findings of an international survey on the role which the ERASMUS programme played in that context. The survey had the objective of collecting large scale standardized information on the extent and nature of the contribution of ERASMUS and its different action programmes to institutional development and quality improvement in higher education in Europe during the SOCRATES II period, i.e. between the academic years 2000/01 and 2006/07. It was part of a larger study and complemented other data analyses as outlined in the preceding chapter.

In the following, operational details of the survey as well as characteristics of the participating institutions and institutional actors will be outlined first. After that, the major findings – i.e. the perspective of institutional actors on the degree of change realised by higher education institutions and the contribution of the SOCRATES/ERASMUS programme to that change – will be presented. General findings will be broken down by institutional size and countries where institutions are located to provide a differentiated picture on the institutional impact of the SOCRATES/ERASMUS programme.

2.2 Survey Implementation

The survey addressed all ERASMUS institutions in the 30 countries operating the programme (Luxembourg was excluded) and was carried out in the first months of 2008. In order to study the institutional impact of the ERASMUS programme, the

three groups of actors at European higher education institutions were surveyed in order to cover both the faculty level and the management level. The major data collection instrument was the central ERASMUS coordinator survey. Central ERASMUS coordinators are best informed of the implementation of the ERASMUS programme at their institutions. Yet, they naturally tend to have a relatively positive view of the programme and cannot be expected to have in-depth insight into the wide range of its institutional effects. Therefore, it was decided to complement the central coordinator survey by two additional surveys exploring the views of the university leadership (the legal representatives of the individual higher education institutions) and of the programme coordinators in decentralised institutional units. Thus, the three target groups of the survey were:

- (1) university internationalisation/ERASMUS coordinators ("central ERASMUS coordinator survey"),
- (2) faculty representatives responsible for the coordination of the ERASMUS programme in decentralised institutional units ("departmental ERASMUS coordinator survey"), and
- (3) representatives of institutional leadership ("institutional leader survey").

Distinct questionnaires were developed for each of the three groups surveyed (see appendix 1). The common basic approach of these questionnaires was to systematically explore with respondents:

- a) the extent to which various quality improvements were realised at the central institutional or department level;
- the relevance of individual ERASMUS tools and actions with respect to these changes; and
- c) if ERASMUS triggered, facilitated or contributed to quality improvement in the various areas of institutional activity covered by the surveys.

The questionnaires for central and departmental ERASMUS coordinators were largely identical and rather comprehensive, whereas the institutional leader questionnaire was much shorter.

The contact details of central ERASMUS coordinators and university leaders were provided by the European Commission. Contact details (names and email addresses) of departmental ERASMUS coordinators, however, had to be requested from the central ERASMUS coordinators. For this reason and also because of the heterogeneity of the departmental programme coordinators group, the administration of that survey was more complex.

All surveys were carried out electronically, i.e. its target groups were contacted by email only requesting to fill out an online questionnaire. The online questionnaires were made available via the project website in four languages (English, French, German, and Spanish). To access them, respondents had to enter a personal code provided in the contact email. In addition, questionnaires were sent out as an email attachment in Word format (only in English). The attachment could be completed electronically and emailed back to the project team or printed and returned by mail or fax. As a third alternative, respondents could download the questionnaires in four languages from the project website for printout. The printouts could be returned by mail or fax. The replies sent as email attachment or as a paper copy were entered into the online questionnaires manually by the project team. Overall, 38 percent of departmental ERASMUS coordinators, 37 percent of institutional leaders and 33 percent of central ERASMUS coordinators responding did not use the online tool. Between 20 percent (central ERASMUS coordinators) and 30 percent (departmental ERASMUS coordinators) of valid questionnaires respectively were returned by email. Paper copies were sent by 13 percent of both central coordinators and university leaders and 8 percent of departmental coordinators. In addition, the online survey for central coordinators registered 194 logins with no entries at all and the department survey 301 such logins, i.e. overall 500 coordinators used their personal code to login to the online tool without then filling anything in.

The central ERASMUS coordinator survey was sent to all 2,283 higher education institutions participating in ERASMUS during the SOCRATES II period, i.e. between the academic years 2000/01 and 2006/07. The institutional leader survey was sent to 2,157 persons, i.e. all institutional leaders except for those 126 who concurrently were central ERASMUS coordinators. There were very few instances of unsuccessful contacting, i.e. only about two percent of the central ERASMUS coordinators and about one percent of the institutional leaders could not be reached; thus, the numbers of successful contacts were 2,231 and 2,136 respectively. The numbers of valid responses (logins with no or very few responses excluded) were 951 and 752 respectively. Thus, the response rate was 41 percent on the part of central ERASMUS coordinators and 35 percent on the part of the institutional leaders.

567 higher education institutions provided support for surveying the departmental ERASMUS coordinators either through the provision of contact addresses or by mailing the questionnaires directly to these persons. Further 462 institutions informed the project team that they do not have any departmental coordinators, while about half of the institutions did not support the project team in contacting departmental coordinators. As the number of departmental coordinators named by institutions was in some instances rather high, the project team decided to address only one coordinator per decentralised unit. Actually, 6,114 departmental ERASMUS coordinators at 547 institutions received the questionnaire. 923 persons from 328 institutions responded (logins with no or very few responses excluded). Thus, the response rate was 15 percent on the part of the persons from 60 percent of the institutions participating in the departmental ERASMUS coordinator survey (see Tables 1 and 2).

Altogether, questionnaires were received from more than 1,500 institutions of higher education. However, 525 institutions participated only in the central ERASMUS coordinator survey, 428 only in the institutional leader survey and 78 only in the departmental ERASMUS coordinator survey. In the departmental ERASMUS coordinator survey, from about half of the institutions two to five replies were received. In the case of almost 40 percent of the institutions, a single reply was sent to the project team, and just more than 10 percent of the institutions provided more than five replies (up to 30 replies).

Table 1
Participation in the Three Surveys

		Number of	,	Responses	
	Number of contacts	successful contacts		% online	Response rate %
Central ERASMUS coordinator survey	2,283	2,231	951	67	41.7
Institutional leader survey	2,157 2,136		752	63	34.9
Departmental ERASMUS coordinator survey		6,114 persons at 547 institutions	903 persons at 328 institutions		14.8 of persons acted 60 % institutions

For all three surveys, the project team received replies from all 30 countries in which ERASMUS institutions were contacted (see table 2). For the central ERASMUS coordinator survey, the return rate for most countries ranged between 40 percent and 60 percent. It was higher for Estonia (71%), Finland (68%) and Bulgaria (67%) and lower for Spain (34%), Poland (34%), Malta (33%), the Netherlands (26%), Ireland (24%), the UK (21%), Cyprus (21%), and Turkey (17%). For the leadership survey, the return rate resulted high for Malta (67%) and Greece (59%) and comparatively low for Ireland (22%), Turkey (23%) and Portugal (24%). As far as the survey of coordinators in decentralised institutional units was concerned, the return rates for contacted institutions were high for Cyprus (100%), Lithuania (90%), Denmark (86%), Estonia (83%), Ireland (83%), and Turkey (83%) and low in France (23%), Norway (31%), and Bulgaria (36%).

Table 2 Number of Responses and Response Rates by Country

	Central EF coordinate		Institutional l	eader survey	Depart	Departmental ERASMUS coordinator survey						
	Number of responses	Response rate	Number of responses	Response rate	Number of responses	Response rate	Number of institutions	Percent. of institutions				
AT	28	40.0%	25	39.7%	11	1.1%	5	71.4%				
BE	36	43.9%	25	31.3%	27	3.0%	11	47.8%				
BG	24	68.6%	14	40.0%	9	1.0%	5	35.7%				
CY	3	21.4%	5	45.5%	3	0.3%	2	100%				
CZ	26	54.2%	23	52.3%	49	5.4%	7	58.3%				
DE	161	58.3%	101	38.3%	122	13.5%	49	73.1%				
DK	28	43.8%	32	53.3%	9	1.0%	6	85.7%				
EE	15	71.4%	13	57.1%	6	0.7%	5	83.3%				
ES	29	34.1%	32	42.1%	53	5.9%	19	79.2%				
FI	32	68.1%	23	52.3%	26	2.9%	13	65.0%				
FR	151	34.8%	113	28.5%	37	4.1%	17	23.3%				
GR	16	44.4%	19	59.4%	28	3.1%	9	60.0%				
HU	20	40.0%	26	53.1%	7	0.8%	4	40.0%				
IE	8	24.2%	7	21.9%	10	1.1%	5	83.3%				
IT	79	53.0%	-	-	1	0.1%	1	50.0%				
IS	4	57.1%	30	24.8%	71	7.9%	26	78.8%				
LI	1	100%	1	100%	0	0	0	0				

to be continued

Table 2 continued

	Central EF coordinate		Institutional l	eader survey	Depart	mental ERASI	MUS coordinator	r survey
	Number of responses	Response rate	Number of responses	Response rate	Number of responses	Response rate	Number of institutions	Percent. of institutions
LT	24	58.5%	13	29.3%	25	2.8%	9	90.0%
LV	14	48.3%	14	53.8%	2	0.2%	2	50.0%
MT	1	33.3%	2	66.7%	3	0.3%	1	100%
NL	14	25.5%	16	29.6%	4	0.4%	4	44.4%
NO	19	41.3%	17	37.0%	9	1.0%	4	30.8%
PL	75	33.8%	58	27.5%	71	7.9%	31	68.9%
PT	37	46.3%	17	24.3%	109	12.1%	25	65.8%
RO	22	40.0%	18	33.3%	31	3.4%	15	71.4%
SE	16	42.1%	14	36.8%	6	0.7%	4	44.4%
SI	3	42.9%	4	57.1%	15	1.7%	3	100%
SK	10	47.6%	12	57.1%	11	1.2%	6	54.5%
TR	14	17.1%	19	23.2%	105	11.6%	25	83.3%
UK	32	21.1%	42	29.3%	3	4.0%	16	50.0%
Missing					7	0.8%	2	
Total	951	41.7%	752	34.9%	903	14.8%	328	60.5%

2.3 Characteristics of the Participating Institutions

According to the central ERASMUS coordinator survey, 87 percent of the institutions covered were public. Obviously, the proportion of private higher education institutions is higher among institutions with less than 1,000 students. Moreover, there is a higher share of private institutions participating in ERASMUS in the countries having joined the European Union in 2004 than in the older EU member countries (see Table 3).

Table 3 shows as well that half of the institutions participating in ERASMUS award doctoral degrees, 83 percent award master's degrees, and almost all award bachelor's degrees, while at 2 percent of the institutions solely certificates below the bachelor's level are awarded. About three quarters of the institutions are universities in the typical European understanding, i.e. institutions more or less equally in charge of teaching and research.

42 percent of the institutions – not surprisingly many of them with small student numbers – are specialised in certain fields or groups of fields, e.g. music, fine arts, teacher education and engineering. One sixth of the institutions are characterized by a strong regional emphasis, i.e. less directed toward national or international links.

The relative distribution of central coordinator replies by countries largely represented the relative distribution of outgoing and incoming ERASMUS students among the individual countries. Only for Spain and Iceland was the share of survey replies greatly below the national share of ERASMUS students so that these countries are under-represented with respect to their ERASMUS participation. Bulgaria, Estonia, Italy and Latvia, on the contrary, are over-represented. About one quarter of the institutions from which central coordinators replied belonged to one of the 12 new EU member states.

Many institutions of higher education have participated in ERASMUS for quite a while. According to the central ERASMUS coordinator survey, two-thirds of them joined ERASMUS already before 2000 (see Table 4). Only one third joined in recent years, among them many small institutions as well as – understandingly – many institutions from countries joining the EU recently.

Table 3 Institutional Profile by Number of Students and Country Group (percent; multiple replies) – Central ERASMUS **Coordinator Survey**

	Numbe	r of stude	nts		Country	
	< 1,000	1,000 - 9,999	> = 10,000	New MS*	Other PC**	Total
My institution has the legal status of a public institution	79	88	95	83	88	87
My institution awards Master's degrees or equivalent	70	86	95	78	84	83
My institution awards PhD titles	25	44	92	58	48	50
My institution awards only vocational certificates (no Bachelor's or Master's degrees)	4	2	0	4	2	2
My institution expects from its academic staff to be involved equally in teaching and research	65	73	86	80	71	74
My institution is specialised on music arts, teacher training, engineering or any other specific field of study	71	35	17	46	40	42
My institution understands itself as a regional institution (i. e. has not primarily a national or international remit)	15	18	14	20	15	16
N	(254)	(376)	(230)	(231)	(684)	(915)

Question 1.1: Please provide the following information about your institution.

^{*} New MS = New Member States

** Other PC = Other participating countries

Table 4
Period of Joining the ERASMUS Programme (percent) – Central ERASMUS
Coordinator Survey

	Nu	mber of st	udents	Cou	intry	
	< 1,000	1,000 - 9,999	> = 10,000	New MS*	Other PC**	Total
Before 2000	46	69	91	44	76	67
After 2000	54	31	9	56	24	33
N	(246)	(358)	(226)	(225)	(641)	(866)

Question 1.3: In which year did your institution join the ERASMUS programme?

Many institutions addressed in the survey reported high numbers of ERASMUS partner institutions. About half of them had more than forty partners, in one case even 900 partners. Cooperation in student mobility was reinforced by the use of credits, in the majority of cases by the application of ECTS in all departments, and further in about half of the cases by providing ECTS catalogue/information packages.

About half of the institutions cooperated actively with 60 percent or even more of their partner institutions. Many institutions were involved both in student exchange and staff exchange. More than half of the institutions were also active in Intensive Programmes, more than one third in Thematic Networks and more than one fifth in Curriculum Development Projects.

Again, more than half of the institutions for which information was provided participated in other education-oriented programmes of the European Union in the academic year 2006/07. LEONARDO stood out, but several institutions mentioned NORDPLUS, TEMPUS, ERASMUS MUNDUS and CEEPUS. Most of these programmes were repeatedly characterized as being financially more attractive than ERASMUS. Finally, various institutions underscored the role of national programmes for student exchange, such as the programmes of the German DAAD, of the government of the German state Baden-Württemberg and the Franco-Canadian CREPUC programme.

Of the responding departmental ERASMUS coordinators, almost one quarter were active in units of engineering or computer science. One out of six were active each in units of social sciences and natural sciences and about one out of ten in medical fields, teacher training, economics and business studies, languages and other areas of humanities. It is not possible to establish why the absolute numbers

^{*} New MS = New Member States

^{**} Other PC = Other participating countries

of responses are fairly high in engineering and computer sciences as well as in natural sciences in comparison to the other fields of study.

According to the departmental ERASMUS coordinators, the average number both of incoming and outgoing students was 20. The figures were lower on average for units from new EU member states than for old EU member states. Also an average figure of almost 20 partners was named, whereby active involvement of only ten of them was reported for the academic year 2006/07. The average number of both incoming and outgoing mobile teachers was three. Only 22 percent of the departmental coordinators reported to be involved in other EU education-oriented programmes – about half of them in only one programme, various in two programmes and one of nine in more than two programmes. Bilateral Agreements as well as LEONARDO were named most frequently. It is by no means surprising that only a minority of departments is active in other ERASMUS-related activities as well as in other EU programmes. It is worth noting, though, that many coordinators emphasized that their unit did not receive any financial support to embark on activities of that kind from their institution.

2.4 How does ERASMUS impact on institutional development?

In the following, major reference will be made to the findings from the central coordinator survey. Findings from this survey will be systematically compared to the replies of departmental coordinators. The perspectives of university leadership, however, will be presented with respect to selected issues only.

According to the analysis of central coordinator replies, among a number of different institutional characteristics, only large differences in student numbers and the location of an institution in the new or the old EU member states have a systematic influence on the perception of ERASMUS impact. Therefore, only these two classifications will be used to differentiate the overall findings of the central coordinators survey.¹

2.4.1 The Importance of individual ERASMUS tools and actions

Both, central ERASMUS coordinators and departmental ERASMUS coordinators were asked to rate the importance of various ERASMUS-related activities for their institutional or departmental mission. As Table 5 shows, student mobility was viewed most frequently as "important" or "very important". It is interesting to note that this view was more frequent with respect to outgoing student mobility than for incoming student mobility both among central ERASMUS coordinators

¹ The role of the following criteria turned out to be marginal (a) offer of a broad range of fields of study vs. specialised institutions, (b) regional vs. national/international orientation of an institution, (c) public vs. private maintenance, (d) award of PhD degrees, and (e) length of participation in the ERASMUS programme.

(91% vs. 86%) and departmental ERASMUS coordinators (86% vs. 73%). Both, incoming and outgoing student mobility, were rated more frequently as important by respondents from large institutions of higher education than by small institutions as well as by respondents from recent EU member states more frequently than by respondents from older EU member states.

Teacher and other staff mobility were rated somewhat less frequently as important: by more than 70 percent of the central ERASMUS coordinators and by less than 70 percent of the departmental ERASMUS coordinators. The ratings hardly differed with regard to incoming and outgoing staff mobility. As regards institutional characteristics, we note the same patterns as before: respondents from large institutions consider staff mobility as more important than those from small institutions, and similarly respondents from new EU member states as compared to those from older EU member states. Other ERASMUS areas of support were rated as important by less than half of the respondents: Intensive programmes, Curriculum Development Projects, and Thematic Networks.

The same question also referred to the importance of various "tools" possibly employed by the higher education institutions in the context of ERASMUS. As Table 5 shows as well, many of both the central ERASMUS coordinators and the departmental ERASMUS coordinators considered almost all the "tools" addressed in the questionnaire (ECTS credit transfer, Learning Agreements, the Diploma Supplement, etc.) as important.

Table 5
Importance of Various ERASMUS Actions and Tools by Institutional Size and Group of Countries (percent*) – Central ERASMUS Coordinator Survey and Departmental ERASMUS Coordinator Survey

	Nu	Cent mber of stu	nators intry	ER	artmental ASMUS oord.		
	< 1,000	1,000 - 9,999	> = 10,000	New MS**	Other PC***	Total	Total
Incoming student mobility	t 79	85	94	88	84	86	73
Outgoing student mobility	t 87	91	97	98	89	91	86
Incoming teacher and staff mobility		72	75	90	65	71	64

to be continued

Table 5 continued

		Cent	ral ERASM	IUS coordin	nators		artmental ASMUS
	N	umber of stu	idents	Cou	untry		coord.
<	1,000	1,000 - 9,999	> = 10,000	New MS**	Other PC***	Total	Total
Outgoing teacher and staff mobility	62	78	78	94	67	74	65
Intensive Programmes	38	45	52	56	42	46	47
Curriculum Development Projects	35	42	47	51	39	42	49
Thematic Network	s 28	35	41	45	31	35	46
Institutional networking under ERASMUS Staff from your	59	61	65	64	61	61	60
institution coordinating centralised projects ECTS for	44	45	58	58	45	49	49
credit transfer	82	88	92	92	85	87	78
Learning Agreements	77	88	89	95	82	85	75
The Diploma Supplement	70	78	79	89	71	76	71
The ERASMUS Policy Statement	75	77	82	91	73	78	62
N	(241)	(365)	(221)	(222)	(646)	(827)	(735)

Question 2.1: For pursuing your institutions'/departments' general mission, policies and objectives, how important are - according to your experience - the following ERASMUS actions and tools?

2.4.2 Utilisation of the ERASMUS Experience

With only few exceptions, central ERASMUS coordinators reported that their institutions exploited and transferred the experiences gained from all ERASMUS actions and tools which they were involved in. Institutional networking and other

^{*} Points four and five on a five-point scale from 1 = "not important at all" to 5 = "very important".

^{**} New MS = New Member States
*** Other PC = Other participating countries.

actions (IP, CD, and thematic networks) scored lowest in this respect with 58 percent and 45 percent of institutions respectively saying that they exploited and transferred experiences. Institutions in new EU member states made particularly strong efforts to exploit and transfer experiences gained from staff mobility, centralised projects, ECTS and the ERASMUS Policy Statement.

Table 6
Exploitation and Transfer of ERASMUS Actions and Tools (percent*) – Central ERASMUS Coordinator Survey

	Nur	nber of stu	idents	Co	untry	
	< 1,000	1,000 - 9,999	> = 10,000	New MS**	Other PC***	Total
Student Mobility	89	94	94	95	91	92
Staff mobility	76	88	87	97	80	84
Other actions (IP, CD, Thematic Networks)	29 80	43 87	66 92	50	43 84	45 86
Development and implementation of the ERASMUS Postatement	nt-	87 79	92 86	92 89	78	81
Institutional networking under ERASMUS	47	56	76	56	59	58
N	(212)	(330)	(197)	(192)	(583)	(775)

Question 2.2: Does your institution exploit and transfer the experiences gained from the following ERASMUS actions and tools for improving its teaching, research, student services or institutional management?

The ratings of the departmental ERASMUS coordinators were more cautious than those of the central ERASMUS coordinators (see Table 7). Coordinators in the area of teacher training most often reported that they exploit and transfer the experience gained in most of the ERASMUS actions (see Table 7).

Two thirds of central ERASMUS coordinators reported that they analysed carefully the reports of former ERASMUS participants. The information derived from these analyses was discussed regularly both at central and departmental institutional level in more than half of the cases. Around half the institutions (almost three quarters in the new EU member states) also organized feedback seminars with former ERASMUS participants or compiled data bases on Europeanisa-

^{*} Points four and five on a five-point scale from 1 = "not important at all" to 5 = "very important".

^{**} New MS = New Member States

^{***} Other PC = Other participating countries.

tion/internationalisation. The results of feedback seminars were discussed at the level of departments and at central institutional level. In the new EU member states, the results of feedback seminars were almost twice as often discussed at the central institutional level than in the other countries. Data bases on Europeanisation/internationalisation were considered as strategically relevant above all at central institutional level. It was less common that information derived from them fed into discussions at the level of departments (only at 14% of institutions). Europeanisation/internationalisation reports were published by just over one quarter of institutions. Conclusions of these reports frequently fed into discussions at central institutional level, but were only rarely considered at the level of departments (at 8% of institutions).

Table 7
Exploitation and Transfer of ERASMUS Actions and Tools by Group of Fields of Study (percent*) – Departmental ERASMUS Coordinator Survey

	Hum	SoS	Edu	Lan	Eco	Art	Eng	Nat	Law	Med	Total
Student mobility	38	46	47	51	53	43	47	47	37	45	43
Teacher mobility	39	52	63	63	50	50	49	48	42	40	45
Intensive Programmes	30	53	61	45	52	35	31	36	44	37	37
Curriculum Development Projects	31	50	61	41	50	37	35	40	27	29	37
Thematic Networks	28	47	47	38	44	21	35	35	20	37	36
ECTS for credit transfer	45	57	58	52	39	37	51	48	43	44	46
Development and implementation of the ERASMUS Policy Statement	35	40	48	44	39	44	42	38	24	35	37
Institutional networking under ERASMUS	43	54	53	45	45	39	42	43	33	36	40
N	(78) (107)	(74)	(70)	(70)	(44)	(175) (113)	(27)	(79)	(708)

Question 2.2: Does your department exploit and transfer the experiences gained from the following ERASMUS actions and tools for improving its teaching, research, student services or management? Hum: Humanities (without languages); SoS: Social sciences; Edu: Education, teacher training; Lan: Languages and philological sciences; Eco: Economics, management; Art: Art and design; Eng: Engineering, technology, informatics; Nat: Natural sciences; Med: Medical Sciences

Ten percent of the departmental ERASMUS coordinators stated that they do not keep track of the implementation and outcomes of ERASMUS at all. 40 percent indicated that they do not do it systematically but that the teachers and students

^{*} Points four and five on a five-point scale from 1 = "not at all" to 5 = "to a high degree".

participating in ERASMUS employ their experience in the daily work of the departments. The majority of the departmental ERASMUS coordinators stated that they analysed the reports of former ERASMUS participants (58%), and about half of them indicated that they discussed the implementation and outcomes of ERASMUS at committee meetings in the departments. About one fifth of them discuss the results of Intensive Programmes, Curriculum Development Programmes or Thematic Networks in which they participated (17%) or compile data bases on Europeanisation or internationalisation of their departments (20%).

2.5 Perceived Contribution of ERASMUS to Quality Enhancement

2.5.1 The Themes Addressed

The major aim of this study was to establish the role ERASMUS possibly has played in quality enhancement in higher education in Europe. For various areas of activities, both central ERASMUS coordinators and departmental ERASMUS coordinators were asked to state on a five-point scale

- the extent to which they observed that quality was enhanced ("how much progress" was "achieved"?),
- the extent to which participation in the ERASMUS programme had played a role for the "initiation" of respective activities, and
- the extent to which participation in the ERASMUS programme had played a role for "the further development" of respective activities.

The activities addressed were classified into five fields:

- student services,
- teaching and learning (departmental ERASMUS coordinator survey: and research),
- quality assurance and professionalisation,
- mobility, networks and cooperation, and finally
- institutional mission, management and profiling.

In these fields of activities, altogether 28 aspects were addressed in the central ERASMUS coordinator survey and 38 in the departmental ERASMUS coordinator survey. In each field, an open space was furnished in the questionnaire for naming further aspects, if applicable. Altogether, the aspects ranged from concrete measures within ERASMUS to general issues such as internationalisation and modernisation of higher education.

The institutional leader survey primarily addressed aspects of institutional mission and profiling. Only few other individual aspects were covered in the respective questionnaire.

2.5.2 Student Services

Altogether, more progress was observed and ERASMUS was perceived to have played a more important role in the thematic area of student services than in the other four thematic fields named above. But there were differences according to the individual aspects of student services. In detail, as shown by tables 8 and 9, perceptions concerning progress were as follows

- 73 percent of the central ERASMUS coordinators and 64 percent of the departmental ERASMUS coordinators observed (very) high progress with respect to the counselling for study abroad,
- 70 percent and 52 percent respectively replied that there was (very) high progress concerning non-academic support for incoming students,
- 50 percent and 46 percent respectively observed (very) high progress in the non-academic support for outgoing students,
- 58 percent and 48 percent respectively did so concerning information in foreign languages.

In almost all aspects, central ERASMUS coordinators observed such progress clearly more often than departmental ERASMUS coordinators.

More or less equally often, ERASMUS was regarded as important for initiating the respective activities:

- counselling for study abroad: 75 percent of the central ERASMUS coordinators and 69 percent of the departmental ERASMUS coordinators agreed that ERAS-MUS had been important for initiating this kind of service,
- non-academic support for incoming students: 68 percent and 65 percent respectively agreed,
- non-academic support for outgoing students: 38 percent and 47 percent respectively agreed,
- information in foreign languages: 61 percent and 58 percent respectively agreed.

In contrast to the previous findings, the views of central ERASMUS coordinators and departmental ERASMUS coordinators did not differ substantially as regards the role played by ERASMUS in initiating these activities.

Finally, a role of ERASMUS for further enhancement was noted regarding

- counselling for study abroad by 65 percent of the central ERASMUS coordinators and 54 percent of the departmental ERASMUS coordinators,
- non-academic support for incoming students by 57 percent and 48 percent respectively,
- non-academic support for outgoing students by 31 percent and 34 percent respectively,
- information in foreign languages by 51 percent and 41 percent respectively.

Consistently, a contribution to further enhancement was observed less frequently than the initiation of activities in the field of student services. Altogether, the central ERASMUS coordinators saw somewhat more enhancement in most of those respects than the departmental ERASMUS coordinators.

Table 8
Student Services: Progress Realised and Role Played by ERASMUS for Initiation and Enhancement by Institutional Size and Group of Countries (percent*) – Central ERASMUS Coordinator Survey

	Nur	nber of st	tudents		Country	
<	1,000	1,000 - 9,999	> = 10,000	New MS**	Other PC***	Total
Improving the counselling	for staf	f and stud	dents interested	l in study abr	oad	
 a. Progress realised 	64	75	80	72	73	73
b. Initiated by ERASMUS	73	75	78	83	72	75
c. Enhancement through ERASMUS	56	64	74	77	61	65
Improving the non-acaden	nic supp	ort for in	coming studen	ts		
a. Progress realised	55	75	81	68	71	70
b. Initiated by ERASMUS	60	71	75	77	65	68
c. Enhancement through ERASMUS	41	59	72	64	55	57
Improving the non-acaden	nic supp	ort for yo	our own studen	ts		
a. Progress realised	39	53	56	53	49	50
b. Initiated by ERASMUS	37	35	40	38	38	38
c. Enhancement						
through ERASMUS	23	31	36	34	30	31
Increasing student inform	ation in	foreign l	anguage			
a. Progress realised	46	59	70	69	54	58
b. Initiated by ERASMUS	54	63	64	70	58	61
c. Enhancement through ERASMUS	39	50	63	64	47	51

Question 2.3: How much progress has your institution achieved with respect to the following activities? And, according to your perception, what role did your participation in the ERASMUS programme play for the initiation of these activities and their further development at your institution?

^{*} Points four and five on a five-point scale from 1 = "none" to 5 = "very high"

^{**} New MS = New Member States

^{***} Other PC = Other participating countries.

Table 9
Student Services: Progress Realised and Role Played by ERASMUS for Initiation and Enhancement by Field of Study (percent*) – Departmental ERASMUS Coordinator Survey

	Hum	SoS	Edu	Lan	Eco	Art	Eng	Nat	Law	Med	Total
Improving the academic counselling	g for sta	ff and sti	udents in	terested	in study	abroad					
a. Progress realised	71	68	62	72	71	62	67	59	62	65	64
b. Initiated by ERASMUS	67	73	68	68	77	84	66	65	54	74	69
c. Enhancement through ERASMUS	57	57	48	58	62	69	57	51	52	54	54
Improving the non-academic support	rt for in	coming s	tudents								
a. Progress realised	58	50	53	62	57	58	51	46	56	48	52
b. Initiated by ERASMUS	61	64	64	57	79	71	63	61	60	73	65
c. Enhancement through ERASMUS	46	44	46	48	57	52	47	53	59	44	48

Table 9 continued

	Hum	SoS	Edu	Lan	Eco	Art	Eng	Nat	Law	Med	Total
Improving the non-academic suppor	t for yo	ur own s	tudents								
a. Progress realised	49	47	51	54	56	63	42	37	56	40	46
b. Initiated by ERASMUS	48	41	50	42	51	52	47	40	42	52	47
c. Enhancement through ERASMUS	30	26	26	31	43	50	37	33	45	25	34
Increasing student information in fo	reign la	nguage									
a. Progress realised	50	54	49	56	48	57	46	38	56	51	48
b. Initiated by ERASMUS	51	55	57	52	67	62	58	56	69	67	58
c. Enhancement through ERASMUS	40	44	35	41	48	59	42	38	42	41	41

Question 2.3: How much progress has your department achieved with respect to the following activities? And, according to your perception, what role did your department's participation in ERASMUS play for the initiation of these activities and the achievement of progress in their implementation? Hum: Humanities (without languages); SoS: Social sciences; Edu: Education, teacher training; Lan: Languages and philological sciences; Eco: Economics, management; Art: Art and design; Eng: Engineering, technology, informatics; Nat: Natural sciences; Med: Medical Sciences * Points four and five on a five-point scale from 1 = "none" to 5 = "very high".

Progress in student services and beneficial effects of ERASMUS in this area was most often stated by central ERASMUS coordinators of large institutions of higher education. Institutional size, however, played a minor role in the initiation of activities through ERASMUS than in the other two dimensions addressed.

In new EU member states, progress in the development of student services was not viewed higher than in the older EU member states for three of the four aspects addressed; only with regard to information in foreign languages, progress noted by central ERASMUS coordinators in the new EU member states exceeded that noted by central coordinators in the old EU member states. Central ERASMUS coordinators in new EU member states and older similar states hold similar views on average as regards the further enhancement of student services.

2.5.3 Teaching, Learning and Research

As regards teaching and learning, the large majority of central coordinators stated that there had been at least regular progress (points 3 to 5 on a 5 point scale) with respect to the different aspects covered by the survey. The only exception was the most formalised form of internationalisation, i.e. 'introducing joint degrees'. In this case, over half the central coordinators observed little or no progress at all. Furthermore, for the following three aspects, around one third of them observed little or no progress at all: setting up English/foreign language programmes (37%), internationalising the curricular content (33%) and introducing mandatory foreign language requirements as part of the curriculum (29%).

The central coordinators who participated in the survey observed greatest progress with respect to the fostering of soft skills of students, the modernisation of curricula, the introduction of mandatory foreign language requirements as part of the curriculum and the internationalisation of teaching and learning. In general, medium-sized institutions (between 1,000 and 9,999 students) reported greater progress than large institutions. Small institutions reported having achieved least progress. Only with respect to the introduction of joint degrees and the internationalisation of teaching and learning, was greater progress achieved at large institutions with at least 10,000 students. Small institutions remarkably lagged behind with respect to the setting up of English/foreign language programmes, the introduction of joint degrees and the internationalisation of teaching and learning. In the fields with the strongest progress at small institutions (modernising curricula, fostering soft skills of students and introducing mandatory foreign language requirements as part of the curriculum), however, progress was reported to be similar to that achieved by larger institutions.

The central coordinators from the 12 new EU member states observed much greater progress than those from other ERASMUS countries concerning the following aspects: introducing mandatory foreign language requirements as part of the curriculum, setting up English/foreign language programmes and internation-

alising teaching and learning. With respect to the modernisation of curricula, however, progress observed was similar in new EU countries and other ERASMUS countries.

Table 10
Teaching, Learning and Research: Progress Realised and Role Played by ERASMUS for Initiation and Enhancement by Institutional Size and Group of Countries (percent*) – Central ERASMUS Coordinator Survey

	Nu	nber of stu	dents		Country	
<	1,000	1,000 - 9,999	> = 10,000	New MS**	Other PC***	Total
Modernizing curricula						
a. Progress realised	52	58	55	55	56	55
b. Initiated by ERASMUS c. Enhancement	36	33	38	51	30	35
through ERASMUS	22	29	35	41	24	29
Fostering soft skills of stud	dents					
a. Progress realised	59	65	64	67	61	63
b. Initiated by ERASMUS	48	41	52	64	40	46
c. Enhancement through ERASMUS	39	45	55	63	40	46
Introducing mandatory for	reign la	nguage req	uirements as	part of the ci	urriculum	
a. Progress realised	47	50	50	60	45	49
b. Initiated by ERASMUS	27	26	38	35	27	29
c. Enhancement through ERASMUS	29	34	36	44	29	33
Internationalising the curr	icular (content				
a. Progress realised	33	39	37	40	35	36
b. Initiated by ERASMUS	32	38	58	51	38	41
c. Enhancement through ERASMUS	21	33	46	42	29	32

Table 10 continued

	Nun	ber of st	udents		Country	
<	1,000	1,000 - 9,999	> = 10,000	New MS**	Other PC***	Total
Setting up English/foreign	languag	ge progra	ummes			
a. Progress realised	27	47	44	49	36	40
b. Initiated by ERASMUS	32	41	49	52	36	40
c. Enhancement through ERASMUS	22	39	46	49	31	36
Introducing joint degrees						
a. Progress realised	15	26	35	24	25	25
b. Initiated by ERASMUS	18	31	48	36	31	32
c. Enhancement through ERASMUS	9	26	41	30	24	26
Internationalising teaching	g and led	arning				
a. Progress realised	42	50	52	57	45	48
b. Initiated by ERASMUS	42	51	54	58	47	50
c. Enhancement through ERASMUS	32	43	46	55	36	41

Question 2.3: How much progress has your institution achieved with respect to the following activities? And, according to your perception, what role did your participation in the ERASMUS programme play for the initiation of these activities and their further development at your institution?

The departmental ERASMUS coordinators had been presented a more extensive list of aspects of teaching, learning, and research than central coordinators. However, many of the formulations were identical or similar to those posed to the central ERASMUS coordinators so that the results are comparable. In general, similar to the thematic field of student services, the departmental ERASMUS coordinators less frequently observe progress – for example not more than 53 percent see a progress in fostering soft skills of students. In addition to the aspects covered by both the questionnaires for central and departmental coordinators, the departmental ERASMUS coordinators had been asked whether they observed progress as regards various aspects of research; this was responded affirmatively by about one third of them (see Table 11).

^{*} Points four and five on a five-point scale from 1 = "none" to 5 = "very high".

^{**} New MS = New Member States

^{***} Other PC = Other participating countries.

Table 11
Teaching, Learning and Research: Progress Realised and Role Played by ERASMUS for Initiation and Enhancement by Field of Study (percent*) – Departmental ERASMUS Coordinator Survey

	Hum	SoS	Edu	Lan	Eco	Art	Eng	Nat	Law	Med	Total
Revising curricula substantially											
a. Progress realised	42	51	50	57	58	49	51	49	32	42	49
b. Initiated by ERASMUS	16	25	14	16	15	16	18	23	20	34	21
c. Enhancement through ERASMUS	20	26	18	28	33	24	21	21	20	27	23
Introducing new curricula											
a. Progress realised	42	51	46	43	55	51	50	42	29	39	46
b. Initiated by ERASMUS	12	27	17	17	18	27	21	17	18	29	22
c. Enhancement through ERASMUS	14	24	11	27	29	24	19	17	26	22	20
Fostering soft skills of students											
a. Progress realised	52	51	58	50	69	63	56	51	23	45	53
b. Initiated by ERASMUS	37	40	43	27	34	52	41	44	30	45	41
c. Enhancement through ERASMUS	39	34	26	35	43	43	40	36	39	33	36
Introducing mandatory foreign lang	uage re	quireme	nts as pa	rt of cur	ricula						
a. Progress realised	35	43	31	48	49	21	37	33	35	38	37
b. Initiated by ERASMUS	19	31	20	14	24	31	25	27	37	40	28
c. Enhancement through ERASMUS	39	35	13	33	30	30	33	27	48	27	30
Internationalising the curricular con	ntent										
a. Progress realised	29	31	26	32	27	33	29	19	13	27	28
b. Initiated by ERASMUS	31	39	24	35	23	45	35	34	38	38	34
c. Enhancement through ERASMUS	35	25	20	33	28	41	29	22	30	26	26

Table 11 continued

	Hum	SoS	Edu	Lan	Eco	Art	Eng	Nat	Law	Med	Total
Setting up English/foreign language	progra	mmes									
a. Progress realised	27	31	32	48	43	20	38	33	46	31	34
b. Initiated by ERASMUS	24	43	43	34	37	45	37	38	40	32	36
c. Enhancement through ERASMUS	7	28	15	36	42	24	36	28	42	21	29
Introducing joint degrees											
a. Progress realised	9	18	11	24	33	23	20	12	25	16	18
b. Initiated by ERASMUS	20	19	18	31	29	35	29	19	18	20	24
c. Enhancement through ERASMUS	15	16	12	31	33	21	24	14	22	19	21
Internationalising teaching and lear	ning										
a. Progress realised	36	48	40	54	58	44	41	39	52	40	44
b. Initiated by ERASMUS	42	52	52	38	52	62	43	43	52	48	45
c. Enhancement through ERASMUS	37	40	27	44	54	52	44	26	45	32	38
Introducing mandatory work placen	nents in	curricul	a								
a. Progress realised	25	31	33	33	43	24	30	20	22	25	26
b. Initiated by ERASMUS	15	13	13	7	7	24	13	12	11	20	14
c. Enhancement through ERASMUS	11	11	14	20	13	16	14	11	18	14	14
Introducing ICT-based learning											
a. Progress realised	22	27	40	47	31	24	34	19	22	24	28
b. Initiated by ERASMUS	12	11	7	10	7	17	6	10	7	19	11
c. Enhancement through ERASMUS	12	11	10	20	7	10	7	9	8	12	9

Table 11 continued

	Hum	SoS	Edu	Lan	Eco	Art	Eng	Nat	Law	Med	Total
Increasing interdisciplinarity between	en degr	ee progr	ammes								
a. Progress realised	32	31	29	41	25	23	34	24	23	23	27
b. Initiated by ERASMUS	20	17	15	9	13	27	15	18	22	24	17
c. Enhancement through ERASMUS	14	16	11	18	11	23	10	8	13	16	13
Introducing new types of examination	ons										
a. Progress realised	24	29	32	31	28	16	25	15	21	29	24
b. Initiated by ERASMUS	23	13	15	13	19	22	18	12	42	24	19
c. Enhancement through ERASMUS	11	11	10	14	11	10	12	8	21	17	11
Introducing new teaching approach	es										
a. Progress realised	40	36	42	38	45	35	36	24	33	30	34
b. Initiated by ERASMUS	26	24	23	9	20	31	22	21	30	33	23
c. Enhancement through ERASMUS	23	19	12	18	24	17	15	12	10	23	16
Increasing the number of internation	nal pub	lications									
a. Progress realised	42	43	43	42	33	25	38	41	39	30	39
b. Initiated by ERASMUS	17	28	25	20	28	22	16	18	15	23	21
c. Enhancement through ERASMUS	19	24	17	19	16	15	15	14	17	15	17

Table 11 continued

	Hum	SoS	Edu	Lan	Eco	Art	Eng	Nat	Law	Med	Total
Integrating an international perspec	tive in r	ational	research	projects	,						
a. Progress realised	49	44	42	51	36	21	36	40	36	26	38
b. Initiated by ERASMUS	22	28	27	21	38	31	17	17	14	27	23
c. Enhancement through ERASMUS	20	26	20	20	29	7	16	12	28	14	18
Increasing the societal relevance an	d impac	t of rese	arch top	ics							
a. Progress realised	38	41	35	42	33	21	26	29	29	26	30
b. Initiated by ERASMUS	14	15	17	10	21	13	11	15	5	25	16
c. Enhancement through ERASMUS	14	18	13	18	18	8	12	14	22	17	14
Strengthening excellence and intern	ational	competi	tiveness o	of resear	ch						
a. Progress realised	37	36	40	45	29	23	41	43	52	31	38
b. Initiated by ERASMUS	15	19	22	9	22	12	12	17	14	24	18
c. Enhancement through ERASMUS	18	22	21	21	19	7	15	15	24	16	17

Question 2.3: How much progress has your department achieved with respect to the following activities? And, according to your perception, what role did your department's participation in ERASMUS play for the initiation of these activities and the achievement of progress in their implementation? Hum: Humanities (without languages); SoS: Social sciences; Edu: Education, teacher training; Lan: Languages and philological sciences; Eco: Economics, management; Art: Art and design; Eng: Engineering, technology, informatics; Nat: Natural sciences; Med: Medical Sciences * Points four and five on a five-point scale from 1 = "none" to 5 = "very high".

Whereas for the thematic field of student services, it was found that respondents noted an initiating role of ERASMUS in almost all those aspects where progress was reported, for the thematic field of teaching and learning, the central ERASMUS coordinators perceived to a lesser extent an initiating role of ERASMUS. For example, whereas 49 percent reported that mandatory foreign language requirements had grown, only 29 percent stated that this had been initiated by ERASMUS. There were, however, also areas of change for which ERASMUS as a rule was seen as the trigger: For example, it does not come as a surprise to note that ERASMUS was regarded the initiator for the introduction of joint degrees.

Also, the majority of departmental ERASMUS coordinators considered the changes in teaching and learning to be only partly due to ERASMUS. Again, there were exceptions: as regards the internationalisation of teaching and learning, about the same proportion of departmental ERASMUS coordinators observed substantial change (44%) as perceived ERASMUS as having played a crucial role for initiating this change (45%).

Finally, ERASMUS was noted on average almost as often as supportive for achieving progress as it was viewed as having initiated change. This holds true for the responses both by the central and the departmental ERASMUS coordinators.

However, there is a wide and consistent difference in the perceptions of central and departmental coordinators across the various aspects when the role of ERASMUS for initiating change and contributing to progress in the various areas of teaching and research is considered. The same holds true as regards country groups: respondents from new EU member states see more progress than respondents from the other member states with respect only to few aspects, but more or less consistently perceive a stronger contribution of ERASMUS to that progress than respondents from old member states.

Progress made in teaching, learning and research was most frequently reported by departmental ERASMUS coordinators from language fields as well as from economics and business studies. Departmental coordinators from these fields also reported relatively often to perceive a strong contribution of ERASMUS to that progress. Respondents from art and design less often noted that progress had been made than respondents from the above named fields of study; however, if they noted change, they frequently stated to perceive a strong role of ERASMUS in the context of achieving that change.

2.5.4 Quality Assurance and Professionalisation

Quality assurance is high on the agenda of ERASMUS institutions. In this field, a similarly high share of central coordinators reported regular progress as in the field of teaching and learning. On average, progress as regards quality assurance and professionalisation is more often stated than progress with respect to teaching, learning, and research.

As regards the aspects which questionnaires addressed in the domain of quality assurance and professionalisation, we note that more than half of the central ERASMUS coordinators observe progress in the majority of aspects covered. Among departmental ERASMUS coordinators, more than half of respondents observe progress for half of the aspects addressed. Progress is often noted in improving the transparency and transferability of student qualifications, modernising the learning infrastructure and introducing students' assessment of teaching. More than half of the central ERASMUS coordinators, but only one third of the departmental ERASMUS coordinators, reported that student and graduate surveys were introduced. The establishment of training of teachers in foreign language and intercultural knowledge/understanding was reported by about one quarter each of the central and departmental ERASMUS coordinators.

The role of ERASMUS for initiating progress or being supportive for achieving success in quality assurance, however, was seen as relatively weak as compared to its role for the thematic fields of student services or teaching, learning and research. Only with respect to improving the transparency and transferability of qualifications, ERASMUS was attributed a major role (see Table 12).

Table 12
Quality Assurance and Professionalisation: Progress Realised and Role
Played by ERASMUS for Initiation and Enhancement by Institutional Size
and Group of Countries (percent*) – Central ERASMUS Coordinator Survey

	Nun	nber of stud	dents		Country	
<	1,000	1,000 - 9,999	> = 10,000	New MS**	Other PC***	Total
Improving the transparence	cy and tr	ansferabil	ity of student	qualification	es.	
a. Progress realised	58	61	61	67	57	60
b. Initiated by ERASMUS	50	51	56	52	53	53
c. Enhancement through ERASMUS	38	40	50	42	42	42
Introducing/extending lan	guage tr	aining and	l intercultura	l training for	teachers	
a. Progress realised	22	33	28	32	27	28
b. Initiated by ERASMUS	29	32	28	40	27	30
c. Enhancement through ERASMUS	16	24	22	28	20	22

Table 12 continued

	Nu	mber of stud	dents		Country	
	1,000	1,000 - 9,999 >	> = 10,000	New MS**	Other PC***	Total
Introducing regular studer	ıt and/c	or graduate	surveys on s	tudent satisfa	ction	
a. Progress realised	38	62	51	55	51	52
b. Initiated by ERASMUS	16	20	25	33	17	21
c. Enhancement through ERASMUS	9	20	21	24	15	17
Modernising the learning	infrastr	ucture				
a. Progress realised	47	62	57	60	54	56
b. Initiated by ERASMUS	12	10	8	17	7	10
c. Enhancement through ERASMUS	10	12	13	17	9	12

Question 2.3: How much progress has your institution achieved with respect to the following activities? And, according to your perception, what role did your participation in the ERASMUS programme play for the initiation of these activities and their further development at your institution?

The responses of central ERASMUS coordinators from large institutions differed only moderately from those from medium-size or small institutions. Differences by group of countries were also small as regards progress made in general. However, respondents from old EU member states noted even less frequently than respondents from new EU member states that ERASMUS had been important for developing the field of quality assurance and professionalisation.

The responses of departmental ERASMUS coordinators varied in some respects by fields of study according to all the three dimensions addressed. Respondents from language subjects as well as from economics and business often noted progress in relation to quality assurance and professionalisation. An initiating role of ERASMUS for change was most often reported by respondents from art and design as well as from law, and a supportive role of ERASMUS for achieving progress by respondents from language fields, economics and business and law (see Table 13).

^{*} Points four and five on a five-point scale from 1 = "none" to 5 = "very high".

^{**} New MS = New Member States

^{***} Other PC = Other participating countries.

Table 13
Quality Assurance and Professionalisation: Progress Realised and Role Played by ERASMUS for Initiation and Enhancement by Field of Study (percent*) – Departmental ERASMUS Coordinator Survey

	Hum	SoS	Edu	Lan	Eco	Art	Eng	Nat	Law	Med	Total
	Hum	505	Lau	Lan	LCO	7111	Liig	11441	Law	Wica	Total
Improving the transparency and tra	nsferab	ility of si	tudent qu	alificatio	ons						
a. Progress realised	57	51	49	65	53	63	55	41	55	54	52
b. Initiated by ERASMUS	53	41	29	44	43	39	43	35	48	43	43
c. Enhancement through ERASMUS	45	34	33	47	33	44	34	24	50	32	34
Introducing/extending language tra	ining ar	ıd interc	ultural tr	aining fo	r teache	rs					
a. Progress realised	25	22	32	37	33	18	28	20	46	26	27
b. Initiated by ERASMUS	21	29	20	21	25	36	25	23	29	20	24
c. Enhancement through ERASMUS	24	21	16	31	31	19	23	19	26	17	21
Introducing the regular evaluation of	of teach	ing by st	udents								
a. Progress realised	55	56	49	57	52	31	58	49	44	53	54
b. Initiated by ERASMUS	14	19	11	7	9	20	10	17	19	22	14
c. Enhancement through ERASMUS	9	15	12	20	13	12	11	11	11	14	11

Table 13 continued

	Hum	SoS	Edu	Lan	Eco	Art	Eng	Nat	Law	Med	Total
Introducing regular graduate su	rveys										
a. Progress realised	27	34	22	34	40	26	29	27	22	31	32
b. Initiated by ERASMUS	11	9	7	8	13	20	7	14	21	18	12
c. Enhancement through ERASM	US 11	9	7	14	14	9	8	6	13	10	9

Question 2.3: How much progress has your department achieved with respect to the following activities? And, according to your perception, what role did your department's participation in ERASMUS play for the initiation of these activities and the achievement of progress in their implementation? Hum: Humanities (without languages); SoS: Social sciences; Edu: Education, teacher training; Lan: Languages and philological sciences; Eco: Economics, management; Art: Art and design; Eng: Engineering, technology, informatics; Nat: Natural sciences; Med: Medical Sciences * Points four and five on a five-point scale from 1 = "none" to 5 = "very high".

2.5.5 Mobility, Networks and Cooperation

In this field, the central coordinators observed medium progress but a rather high contribution of the ERASMUS programme to that progress. It does not come as a surprise that an increase of student mobility was most often reported both by the central and the departmental ERASMUS coordinators as a recent aspect of change and that a strong role of ERASMUS was observed in contributing to this. Also staff mobility is named often in this context, though less frequently than student mobility.

For all other five aspects of mobility, networks and cooperation, substantial progress is noted by more than one third of the central ERASMUS coordinators: increasing participation in international projects (44%), increasing staff participation in international conferences (41%), increasing the number of staff with responsibilities for internationalisation (39%), increasing effects of international institutional networks (35%), and increasing cooperation with the economic sector (35%). In those aspects comprising international ties, ERASMUS was often seen as having had an initiating and also a supporting effect for achieving success, while for other aspects the role of ERASMUS was regarded minimal (see Table 14).

Table 14
Mobility, Networks and Cooperation: Progress Realised and Role Played by ERASMUS for Initiation and Enhancement by Institutional Size and Group of Countries (percent*) – Central ERASMUS Coordinator Survey

	Number of students							
<	1,000	1,000 - 9,999	> = 10,000	New MS**	Other PC***	Total		
Increasing the number of o	outgoing	teachers d	and students					
a. Progress realised	51	63	73	71	60	62		
b. Initiated by ERASMUS	74	80	82	82	78	79		
c. Enhancement through ERASMUS	62	72	81	83	67	71		
Increasing the number of i	ncoming	teachers	and students					
a. Progress realised	48	57	67	63	54	56		
b. Initiated by ERASMUS	69	77	78	81	73	75		
c. Enhancement through ERASMUS	51	64	71	73	59	62		

Table 14 continued

	Nun	nber of stud	dents		Country	
<	1,000	1,000 - 9,999 >	> = 10,000	New MS**	Other Other PC***	Total
Increasing the number of s	staff with	n a respons	sibility for in	ternationali	sation	
a. Progress realised	31	38	48	46	36	39
b. Initiated by ERASMUS	51	59	63	66	55	58
c. Enhancement through ERASMUS	36	43	54	58	39	44
Increasing the effects of in	ternatio	nal institut	ional networ	rks		
a. Progress realised	32	37	36	33	36	35
b. Initiated by ERASMUS	44	49	43	50	45	46
c. Enhancement through ERASMUS	29	35	34	38	32	33
Increasing the participation	on in inte	ernational	projects			
a. Progress realised	36	42	54	48	42	44
b. Initiated by ERASMUS	43	39	37	44	38	39
c. Enhancement through ERASMUS	27	28	34	38	27	30
Increasing the attendance of	or organ	isation of i	nternational	conferences	by your acaden	iic staff
a. Progress realised	34	40	51	51	37	41
b. Initiated by ERASMUS	35	26	25	36	26	28
c. Enhancement through ERASMUS	21	20	20	28	18	21
Increasing the cooperation	n with th	e economi	c sector			
a. Progress realised	27	42	32	36	35	35
b. Initiated by ERASMUS	18	15	17	24	14	16
c. Enhancement through ERASMUS	13	14	12	21	11	14

Question 2.3: How much progress has your institution achieved with respect to the following activities? And, according to your perception, what role did your participation in the ERASMUS programme play for the initiation of these activities and their further development at your institution?

For all aspects of mobility, international networking and cooperation, most progress was reported for large institutions of higher education. At this group of institutions, ERASMUS was however viewed as having an initiating effect only for a minority of aspects. Rather than initiating change, the ERASMUS programme was seen as supporting progress in institutional development. Interestingly, three as-

^{*} Points four and five on a five-point scale from 1 = "none" to 5 = "very high".

^{**} New MS = New Member States

^{***}Other PC = Other participating countries.

pects were more often reported by the central coordinators at small institutions to have been initiated by ERASMUS than by those at medium-sized or large institutions: increasing the participation in international projects (43%), increasing the attendance or organization of international conferences (35%) and increasing cooperation with the economic sector (18%). Here, ERASMUS had obviously been of particular benefit to small institutions.

For all aspects, the central coordinators at institutions in new EU member states observed more often that ERASMUS had initiated and supported relevant activities than the central coordinators at institutions in other ERASMUS countries.

As regards mobility, networks and cooperation, also university leaders were asked to assess the changes that had taken place and the role ERASMUS had played in that context. About two-thirds of the university leaders perceived a substantial progress in the participation in international networks and projects, and almost all noted that ERASMUS had an initiating and subsequently a supportive effect on this change. University leaders also noted more often substantial progress with regard to some other aspects of networking and cooperation than central ERASMUS coordinators, however not a strong role played by ERASMUS.

The departmental ERASMUS coordinators observed less often a progress in many aspects of mobility, networks and cooperation than the central ERASMUS coordinators (see Table 15). Where progress in that direction was noted, ERASMUS was seen as playing an initiating role. However, the proportion of respondents noting a supportive role of ERASMUS was often clearly lower than that of those noting an initiating effect of ERASMUS.

The departmental ERASMUS coordinators varied in their responses to mobility, networks and cooperation more strongly by field of study than in their responses to the previously covered thematic areas. General progress in the thematic field of mobility, networks and cooperation, was most often perceived by respondents from social sciences and law and least often by respondents from medicine. An initiating role of ERASMUS was most often seen by respondents from law and education, while least often by respondents from natural sciences and humanities. Finally, a supportive effect of ERASMUS for achieving progress was most often named by respondents from art and design, engineering and language fields, while such a supportive effect of ERASMUS was least often stated by respondents from the natural sciences.

Table 15
Mobility, Networks and Cooperation: Progress Realised and Role Played by ERASMUS for Initiation and Enhancement by Field of Study (percent*) – Departmental ERASMUS Coordinator Survey

	Hum	SoS	Edu	Lan	Eco	Art	Eng	Nat	Law	Med	Total
Increasing the number of outgoing s	tudents										
a. Progress realised	50	59	49	52	65	57	57	46	65	49	52
b. Initiated by ERASMUS	70	79	85	66	81	68	82	76	77	78	78
c. Enhancement through ERASMUS	62	64	56	64	72	77	72	55	64	60	65
Putting teaching periods abroad of	your ted	ichers or	ı a regul	ar basis							
a. Progress realised	28	33	35	30	25	26	17	20	27	16	22
b. Initiated by ERASMUS	51	62	62	60	54	59	53	42	73	47	55
c. Enhancement through ERASMUS	27	37	44	44	40	42	44	32	35	34	39
Increasing the number of incoming s	students	S									
a. Progress realised	43	50	44	49	58	61	36	32	62	38	40
b. Initiated by ERASMUS	68	79	76	72	82	63	75	72	65	71	73
c. Enhancement through ERASMUS	60	58	56	60	62	61	59	45	64	53	55
Putting teacher periods of foreign te	achers	at your d	departme	ent on a i	egular b	asis					
a. Progress realised	21	30	23	30	25	32	19	16	27	11	20
b. Initiated by ERASMUS	42	61	61	65	60	50	52	41	54	49	53
c. Enhancement through ERASMUS	31	43	33	40	34	56	37	28	36	31	35

Table 15 continued

	Hum	SoS	Edu	Lan	Eco	Art	Eng	Nat	Law	Med	Total
Increasing the effects of international	al netwo	orks									
a. Progress realised	30	29	28	32	38	31	28	24	42	29	27
b. Initiated by ERASMUS	35	36	43	44	43	53	48	30	61	42	42
c. Enhancement through ERASMUS	23	27	26	38	35	29	34	22	33	29	29
Increasing the participation in inter-	nationa	ıl projeci	's								
a. Progress realised	29	30	33	37	32	16	34	31	35	24	31
b. Initiated by ERASMUS	23	30	41	37	36	31	32	25	33	38	34
c. Enhancement through ERASMUS	19	27	21	31	29	22	26	18	18	25	22
Increasing the attendance or organi	sation o	of intern	ational c	onference	es by you	r acadei	mic staff				
a. Progress realised	47	59	44	47	32	41	39	43	50	35	41
b. Initiated by ERASMUS	15	19	30	15	18	30	18	10	31	23	20
c. Enhancement through ERASMUS	19	24	22	19	18	23	15	15	25	24	18
Increasing the cooperation with the	econon	nic secto	r								
a. Progress realised	14	23	12	15	26	26	31	32	8	12	21
b. Initiated by ERASMUS	4	11	11	13	11	14	13	10	18	13	12
c. Enhancement through ERASMUS	11	12	9	10	13	4	10	9	0	5	8

Question 2.3: How much progress has your department achieved with respect to the following activities? And, according to your perception, what role did your department's participation in ERASMUS play for the initiation of these activities and the achievement of progress in their implementation? Hum: Humanities (without languages); SoS: Social sciences; Edu: Education, teacher training; Lan: Languages and philological sciences; Eco: Economics, management; Art: Art and design; Eng: Engineering, technology, informatics; Nat: Natural sciences; Med: Medical Sciences * Points four and five on a five-point scale from 1 = "none" to 5 = "very high".

2.5.6 Institutional Mission and Profiling

Across all aspects in the field 'institutional mission and profiling', progress was widespread. About half of the central ERASMUS coordinators observed that substantial progress had been made by their institutions with respect to the six dimensions of institutional mission and profiling covered by the questionnaire. This was most pronounced for improving both the international and the national visibility of their higher education institutions as well as for establishing an internationalisation strategy. As one could expect, ERASMUS was most often seen as improving international visibility and, at least at the stage of initiation, as playing a role in establishing an internationalisation strategy (see Table 16).

Table 16
Institutional Mission and Profiling: Progress Realised and Role Played by ERASMUS for Initiation and Enhancement by Institutional Size and Group of Countries (percent*) – Central ERASMUS Coordinator Survey

	Nun	ber of stud	dents		Country	
	< 1,000	1,000 - 9,999 >	> = 10,000	New MS**	Other PC***	Total
Introducing the regular re	eflection	on and eva	luation of in	stitutional str	ategies	
a. Progress realised	44	50	55	56	47	49
b. Initiated by ERASMUS	28	21	26	32	22	25
c. Enhancement through ERASMUS	15	22	27	31	17	21
Improving the internation	al visibil	ity and att	ractiveness o	f the institution	on	
a. Progress realised	52	62	71	70	59	62
b. Initiated by ERASMUS	55	52	47	63	47	51
c. Enhancement through ERASMUS	39	46	55	57	42	46
Improving the national vi	sibility ai	nd attractiv	veness of the	institution		
a. Progress realised	52	64	66	72	56	60
b. Initiated by ERASMUS	24	26	23	38	20	25
c. Enhancement through ERASMUS	18	28	27	42	18	24
Increasing the tendering	for projec	ct-related f	unding			
a. Progress realised	35	42	49	52	40	43
b. Initiated by ERASMUS	30	19	25	31	21	24
c. Enhancement through ERASMUS	20	17	23	30	16	20

Table 16 continued

	Nun	ber of stud	dents		Country					
<	1,000	1,000 - 9,999	> = 10,000	New MS**	Other PC***	Total				
Professionalizing institution	onal mar	agement								
a. Progress realised	40	49	52	59	43	47				
b. Initiated by ERASMUS	19	15	22	25	17	19				
c. Enhancement through ERASMUS	12	17	21	26	14	17				
Establishing and developing	ng an ins	stitutional	internationa	lisation strate	gy					
a. Progress realised	46	61	68	68	55	58				
b. Initiated by ERASMUS	52	52	42	54	46	48				
c. Enhancement through ERASMUS	33	40	42	48	35	38				

Question 2.3: How much progress has your institution achieved with respect to the following activities? And, according to your perception, what role did your participation in the ERASMUS programme play for the initiation of these activities and their further development at your institution?

For four out of the six aspects, it was at small institutions that ERASMUS most often initiated relevant activities: introducing regular reflection on and evaluation of institutional strategies, establishing and developing an institutional internationalisation strategy, improving the international visibility and attractiveness of the institution and increasing the tendering for project-related funding. The differentiation of data by new EU countries and other ERASMUS countries confirms the overall picture: As in other thematic fields, ERASMUS more often initiated activities in new EU countries than in other ERASMUS countries.

Also the university leaders were asked to provide information about the relevance of the ERASMUS programme for institutional missions and profiling. The replies of members of university leadership were similar to those of the central coordinators for the following three aspects:

- professionalising/modernising institutional management;
- enhancing the international visibility and attractiveness of their institution;
- enhancing the national visibility and attractiveness of their institution.

Both groups of respondents often noted substantial change and perceived a substantial role of ERASMUS for enhancing both the international and national visibility and attractiveness of their institution, and both groups of respondents noted

^{*} Points four and five on a five-point scale from 1 = "none" to 5 = "very high"

^{**} New MS = New Member States

^{***}Other PC = Other participating countries.

less often changes and impact of ERASMUS concerning the professionalisation and modernisation of institutional management.

As far as progress in the establishment of an institutional internationalisation strategy was concerned, however, the members of university leadership held a more positive view than central coordinators: 70 percent of university leaders noted progress in terms of the establishment of an institutional internationalisation strategy. About similarly large proportions of university leaders and central ERASMUS coordinators considered the initiating role of ERASMUS as important. However, university leaders believed more often than the central ERASMUS coordinators that ERASMUS was supportive in achieving progress in the establishment of an institutional internationalisation strategy.

The questionnaire for members of university leadership covered the aspect of improving/diversifying the financial basis of an institution which was not included in the questionnaire for central coordinators. 63 percent of university leaders noted that progress was achieved in improving and diversifying the financial basis of the higher education institutions, but only very few noted an important role of ERASMUS in that respect.

The departmental ERASMUS coordinators noticed clearly less often than university leaders or central coordinators progress in the development of institutional missions and profiles. However, they stated relatively often that ERASMUS was important for the initiation of such activities (see Table 17).

The statements of the departmental ERASMUS coordinators on the thematic field of institutional mission and profiling varied only marginally by field of study as far as progress in general is concerned. The strongest role of ERASMUS was perceived by respondents from art and design, while the weakest was named by respondents from natural sciences as regards the initiation of change and by respondents from education and teacher training as regards support for actual change.

Table 17
Institutional Mission and Profiling: Progress Realised and Role Played by ERASMUS for Initiation and Enhancement by Field of Study (percent*) – Departmental ERASMUS Coordinator Survey

·											
	Hum	SoS	Edu	Lan	Eco	Art	Eng	Nat	Law	Med	Total
Introducing an internationalisation	strategy	for the	departme	ent							
a. Progress realised	31	35	30	39	48	35	36	33	30	44	38
b. Initiated by ERASMUS	35	40	35	37	47	48	30	32	55	46	39
c. Enhancement through ERASMUS	29	33	21	32	35	46	29	32	33	34	30
Introducing the regular reflection of	n and ev	aluatior	of the d	epartmei	ıt's activ	ities					
a. Progress realised	33	41	38	35	42	27	36	28	24	31	34
b. Initiated by ERASMUS	25	25	23	19	23	40	16	19	25	28	22
c. Enhancement through ERASMUS	16	16	10	17	18	21	16	18	9	17	15
Improving the international visibilit	y and at	tractive	ness of th	e depart	ment						
a. Progress realised	48	47	51	54	42	49	43	43	56	49	45
b. Initiated by ERASMUS	31	48	46	40	41	63	41	31	38	49	43
c. Enhancement through ERASMUS	22	33	21	33	35	40	34	30	26	34	32

Table 17 continued

	Hum	SoS	Edu	Lan	Eco	Art	Eng	Nat	Law	Med	Total
Improving the national visibility and	l attraci	tiveness	of the de	partment							
a. Progress realised	44	47	48	45	40	59	53	53	62	38	47
b. Initiated by ERASMUS	26	24	36	27	24	29	22	19	36	30	26
c. Enhancement through ERASMUS	9	18	15	22	17	12	21	22	39	23	21
Increasing the tendering for project	-relatea	funding									
a. Progress realised	28	31	27	24	23	28	29	31	21	30	29
b. Initiated by ERASMUS	20	17	23	21	23	20	14	12	20	18	16
c. Enhancement through ERASMUS	12	13	6	8	12	13	10	13	5	17	11

Question 2.3: How much progress has your department achieved with respect to the following activities? And, according to your perception, what role did your department's participation in ERASMUS play for the initiation of these activities and the achievement of progress in their implementation? Hum: Humanities (without languages); SoS: Social sciences; Edu: Education, teacher training; Lan: Languages and philological sciences; Eco: Economics, management; Art: Art and design; Eng: Engineering, technology, informatics; Nat: Natural sciences; Med: Medical Sciences * Points four and five on a five-point scale from 1 = "none" to 5 = "very high".

2.6 Conflicts between ERASMUS and Institutional Strategies

Only two aspects of ERASMUS were conceived as problematic and conflicting with institutional strategies by a substantial number of central ERASMUS coordinators. First, at almost one third of the institutions, the amount of time required for raising the funds and administering the central ERASMUS actions was viewed as out of proportion in comparison with the benefits of these activities. Second, at one fifth of the institutions critique was voiced that ERASMUS activities were costly for the higher education institutions and absorbed too many administrative, financial and human resources. The replies to the questionnaire for university leadership confirmed this picture.

However, while survey replies identify a resource conflict between ERASMUS activities and other institutional activities considered to be strategically relevant, hardly any other conflicts were named by the central ERASMUS coordinators as existing between ERASMUS activities and other activities of enhancing the quality of improvement, openness, and internationalisation.

From the perspective of central institutional ERASMUS coordinators and members of university leadership, problems concerning academic issues or possible conflicts between European and third country mobility and cooperation, teaching and research or national and international networking were not relevant to their institutions.

Among the departmental ERASMUS coordinators, about a quarter considered the time needed for applying for and participating in centralised ERASMUS actions out of proportion in comparison to the benefits. Also, one sixth considered that ERASMUS absorbed too many resources.

In addition, the departmental ERASMUS coordinators named two more areas of conflict:

- whereas the implementation of ERASMUS required broad international networking, they preferred to concentrate their contacts on the most fruitful and suitable partners,
- the ERASMUS experience at foreign universities may motivate graduates to take an advanced degree abroad although their home university would like to retain them.

Asked more specifically whether they noted barriers in the implementation of ERASMUS activities, almost half of the departmental ERASMUS coordinators underscored the lack of financial means to cover the costs of ERASMUS activities (48%), notably those from education and teacher training (63%) as well as those from art and design (58%). Almost half of the respondents noted a lack of interest of academic staff in centralised ERASMUS actions (47%).

Only few coordinators in the departments stated that the implementation of the Bologna three cycle structure was a barrier for ERASMUS teacher mobility (9%)

whereas almost a quarter of the central coordinators thought that this could be the case (23%).

2.7 Expectations and Recommendations

Asked what impact of ERASMUS they would expect in the coming five years, three quarters of the central ERASMUS coordinators and almost as many university leaders expected that the impact of the ERASMUS programme on their institutions would increase. Only 5 percent of the central ERASMUS coordinators and 3 percent of the university leaders expected a decrease of the impact of the ERASMUS programme. The remaining coordinators in both groups expected that the institutional impact of ERASMUS would remain the same.

The expectations of the departmental ERASMUS coordinators were slightly more cautious: two-thirds expected an increase and 5 percent a decrease of the impact of ERASMUS. Departmental ERASMUS coordinators from the subject field of art and design were most optimistic (78% expected an increase), whereas respondents from languages and philological fields as well as those from law (56% each) were least often optimistic.

Although this is already a rather positive outlook, expectations with respect to the future impact of internationalisation activities other than ERASMUS were even more optimistic. 86 percent of the central ERASMUS coordinators, 88 percent of the university leaders and 76 percent of the departmental ERASMUS coordinators expected that the relevance of other internationalisation activities to their institutions would increase in the future.

In all three surveys, respondents were asked to rate the importance of the various new ERASMUS actions foreseen for the period 2007-2013:

- Student mobility for placement in enterprises abroad was viewed as important by 71 percent of the university leaders. About two-thirds each of the central ERASMUS coordinators and of the departmental ERASMUS coordinators considered this activity important as well, and some of them reported that their institutions and units would be planning to become active in this domain; there were substantial differences, though, by field of study with strongest interest from the part of art and design and the weakest interest from the part of law.
- Activities for the modernisation of higher education were viewed as important by 70 percent of the university leaders surveyed. 53 percent of the departmental ERASMUS coordinators reported that their unit was already taking part or intended to take part in the new action "Modernisation of higher education".
- Additionally, cooperation between universities and enterprises as well as staff
 mobility for training in enterprises or higher education institutions abroad were
 rated positively by more than half of the university leaders and the departmental ERASMUS coordinators.

 The respondents were less frequently in favour of inviting staff from foreign enterprises for teaching assignments or virtual campuses projects.

Finally, central ERASMUS coordinators and departmental ERASMUS coordinators were invited, in the form of an open question, to make suggestions on how ERASMUS could be made more beneficial to their respective institutions and departments. Actually half of the respondents made suggestions:

- Many suggestions (30% on the part of the central ERASMUS coordinators and 22% on the part of the departmental ERASMUS coordinators) referred to funding, e.g. to an overall increase of funding or to an increase of funds provided for the individual mobile persons, or for supporting certain cost items (for example accommodation, travelling, language training and network building).
- Quite frequently as well (more than 20% and 7% respectively) they called for a reduction of formal requirements ('bureaucracy'). For example, online forms should be simplified, unified for all types of institutions and kept unchanged over the years.
- Almost as many suggestions referred to issues regarding the organisation of the ERASMUS programme or the cooperation among partners.

Table 18 provides an overview of further suggestions made by central ERASMUS coordinators. One should bear in mind, though, that many of the statements summarized in Table 18 were suggestions made only by single or small numbers of respondents. The open question helped to collect a broad range of ideas for improvement, but it did not intend to establish how widely these views are shared.

Suggestions made by departmental ERASMUS coordinators in their majority also referred to the overall setting of the ERASMUS programme. Notably, they called for greater flexibility concerning the exchange conditions as well as for improved information on and promotion of ERASMUS exchanges.

Altogether, however, the departmental ERASMUS coordinators made many recommendations to be taken up by the higher education institutions themselves, such as the extension of foreign language provision or improved support in searching for suitable partner universities. They also proposed additional service for incoming students, e.g. more assistance at the beginning of their study period abroad, improved ways of handling visa where necessary, improved information and increased provision of internships. Finally, suggestions were made how to get better and more meaningful feedback from the mobile students.

Table 18
Individual Suggestions to Make ERASMUS More Beneficial to Participating Institutions by Means Other than Funding and Programme Management – Central ERASMUS Coordinators

Suggestions concerning the o	rganisation of the ERASMUS programme						
Countries	- Participation of non-EU countries						
	- To make EU countries more attractive for students who prefer to go to the USA or Australia						
Exchange Conditions	 Support also for shorter study periods abroad for students and staff 						
	- Support for more than a single study period abroad						
	 Support for study abroad already from first semester onwards 						
	 New types of activities, for example short visits by student groups, exhibitions, research projects 						
	- A higher flexibility of conditions						
Centralised Projects	- More funds for curriculum development						
Information and promotion	 Improved dissemination of information about ERASMUS to rectors, managers, and central coordinators 						
	- Dissemination of information online and through the organisation of international meetings (e.g. seminars, events) with the participation of different HEIs (thereby helping to build networks)						
	 Promotion of ERASMUS among students, families, academic and non academic staff 						
Suggestions concerning the c	ontribution of participating institutions						
Recognition	- Better guarantee of the quality of study abroad						
Courses offered	- Stronger elements of internationally-oriented courses						
ECTS	- Unified implementation of ECTS						
	- Flexibility in the numbers of credits awarded						
Decentralisation	Decentralisation of the ERASMUS processes:						
	- Country/EU level: less bureaucracy, more autonomy to HEI						
	 Institutional level: higher decentralisation of tasks withir individual HEIs, thus reducing the workload of the central coordination offices 						
-	. 1						

Table 18 continued

Suggestions concerning the contribution of participating institutions						
Enterprises	- Strengthening of the cooperation with enterprises as a strategy to find internships and placements for students					
	- Fundraising through cooperation with industry					
Staff involvement	 Increased involvement of staff: administrative personnel, teachers, coordinators 					
Language Training	 Increased foreign language training for students and staff intending to go abroad 					
Networks	 More intensive networking: more contacts with partner institutions, more bilateral agreements, and international cooperation projects 					

2.8 Conclusion

In response to three questionnaires, 951 central ERASMUS coordinators at higher education institutions, 752 institutional leaders and 903 departmental ERASMUS coordinators (within departments of higher education institutions) provided information on the institutional impact of the ERASMUS programme. The response rates can be viewed as satisfactory, and the composition of respondents seems to be by and large representative for all coordinators and institutional leaders at the more than 2,000 European higher education institutions involved in ERASMUS.

Altogether the views of the three groups of respondents were similar. The surveys revealed, first, that the three groups of survey respondents – insitutional leaders, central ERASMUS coordinators and departmental ERASMUS coordinators – agree on the *relative importance* of different activities and impact areas of the ERASMUS programme although, overall, departmental coordinators are more sceptical and organisational leaders are more positive about the *magnitude* of the impact. Secondly, larger institutions tend to report a greater impact of the ERASMUS programme in most areas. Thirdly, institutions in the new EU member states reported to have gained more from the ERASMUS programme in terms of quality improvement than institutions in the old member states. Different perceptions with respect to the existence and degree of change between persons from different fields of study and the role of ERASMUS in this context are noteworthy in many instances. Altogether, changes and respective influences of ERASMUS are most often reported for art and design and least often for the natural sciences.

The questionnaires aimed to establish – for various thematic areas – the extent to which change was observed in recent years, the extent to which ERASMUS played an initiating role for changes realised and the extent to which ERASMUS

actually supported change or progress. The responses suggest that most changes were identified in the field of student services and that ERASMUS played a very beneficial role for developments in this area. In other areas – teaching, learning and research, quality assurance and professionalisation, mobility, networks and cooperation as well as in institutional profiling – progress was visible as well and ERASMUS has played a major role but the ratings were lower on average.

As regards the individual aspects of the five fields just mentioned, substantial changes were reported most frequently in the domains closely linked to mobility, but also beyond that, in detail:

- Improvement of counselling for staff and students interested in study abroad,
- improvement of the non-academic support for incoming students,
- fostering of the students' soft skills,
- increase of the number of outgoing teachers and students,
- increased national as well as international visibility and attractiveness of the institution, and finally
- improvement of the transparency and transferability of the students' competences and qualifications.

Respondents report that student mobility is in the heart of the ERASMUS activities and that outgoing student mobility has the strongest impact on their institutions. Some other elements of the ERASMUS programme such as credit transfer (ECTS) and learning agreements were named frequently as having a strong impact as well. Altogether the responses suggest that the persons responsible for ERASMUS within higher education institutions consider ERASMUS as having an important impact on the institution irrespective of whether the immediate beneficiaries are the students, the teachers or the institution as a whole.

An initiating effect of ERASMUS was reported in many respects. However, it is not surprising to note that such an effect was most frequently observed with regard to the operation of mobility, such as the frequency of mobility or the quantity or quality of services for the mobile students, while quality assurance or profiling of the higher education institutions are less frequently named in this context. Altogether, ERASMUS was more often seen as a trigger for change than actually being supportive for implementing change.

Naturally, the ERAMUS programme has the strongest influence first on mobility itself, second on the institutional setting of support for mobility, third on the international dimensions of various activities, and fourth on international cooperation beyond the scope of ERASMUS. However, a by no means insignificant number of respondents argued that ERASMUS also plays a role for the modernisation of teaching and learning and specifically for the teaching and learning infrastructure, for fostering students' soft skills, for curriculum revision in general, for improving the support systems for students in general, for extending evaluation and other activities of reflection of various processes and achievements, for increasing

the cooperation with the economic sector, and for professionalizing the institutional management.

Critique was most frequently voiced that ERASMUS does not provide sufficient funding. Often, a conflict is seen in that ERASMUS is considered valuable in general but that the work required to run the programme and the institutional resources absorbed are viewed to be out of proportion compared to the resources provided and the benefits expected. Almost one quarter of respondents believe that ERASMUS overly favours a broad spread of partnership for student exchange, while it might be more beneficial to scholars to concentrate on a smaller number of suitable and fruitful partnerships. Finally, stimulation of mobility was also seen by some respondents as endangering a loss of highly qualified students: these students might decide to continue advanced study abroad, whereas the home institution would have liked to retain them.

Critique was directed by respondents also towards their own institutions. Among others, more efforts were seen as necessary to stimulate the involvement of a larger number of teachers. Only a few departmental ERASMUS coordinators stated that the Bologna cycle structure had turned out to be a barrier for student mobility.

Among the recommendations for future improvement, many addressed the funding situation of ERASMUS and the overall organisation and management of the programme. Additionally, many single recommendations were made which call for changes on the part of the individual higher education institutions.

The majority of respondents believed that the new elements of the ERASMUS programme envisaged for 2007-2013 were useful; especially student mobility for placements in enterprises abroad was seen as an important new tool. In general, the survey results revealed a rather positive outlook: The overall expectation for the coming five years was that the impact of ERASMUS and especially that of other internationalisation activities would further increase. Thus, those involved are convinced that the ERASMUS programme and other internationalisation activities have the potential to expand their contribution to university development even beyond the comprehensive impact identified by this study for the years 2000 to 2006.

APPENDIX 1

The ERASMUS Programme: Basic Objectives and Developments

Hans Vossensteyn and Manuel Souto

The ERASMUS programme is named after the humanist and theologian Desiderius Erasmus of Rotterdam (1465-1536) who used to be a travelling scientist. He left a bequest to the University of Basel to establish mobility grants and as such laid the foundations for the current ambitions of the ERASMUS programme, which places great importance of mobility and scientific career development through learning. After a number of years of pilot student exchanges, the ERASMUS programme was proposed by the European Commission in 1986 and adopted in June 1987.

ERASMUS has become the "flagship" educational programme of the European Community (subsequently the European Union) within a short period from its inauguration. Since its start the programme has enabled over 1.9 million students and 140,000 members of university staff to be mobile within Europe. At present the ERASMUS programme enables around 200,000 students annually to study and work abroad. In addition, it supports close co-operation between higher education institutions across Europe. Around 90% of European higher education institutions (more than 3,100) take part in ERASMUS covering 31 European countries. ¹

The ERASMUS programme, together with a number of other educational programmes, was incorporated into the SOCRATES Programme in 1995. The SOCRATES programme was replaced with the SOCRATES II Programme (2000-2006) on 24 January 2000. In 2007, ERASMUS became part of the EU's Lifelong Learning Programme (2007-2013) which replaced the SOCRATES Programme as the overall umbrella. Under the current Lifelong Learning Programme (2007-2013) the annual budget is over € 400 million for the 31 participating countries per year.

¹ The 31 countries taking part under the Socrates II programme are: the 27 European Union Member States: Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden and the United Kingdom; four EFTA countries: Iceland, Liechtenstein, Norway; and Turkey.

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Objectives, Actions, and Tools of the ERASMUS programme

The wider objectives of the SOCRATES Programmes were to:

- strengthen the European dimension in education at all levels and to facilitate wide transnational access to education,
- promote a quantitative and qualitative improvement in knowledge of the languages of the European Union,
- promote cooperation and mobility in the field of education, and
- encourage innovation in the development of educational practices and materials including, where appropriate, the use of new technologies, and to explore matters of common policy interest in the field of education.

Under the Lifelong Learning Programme, the general aim of the ERASMUS programme is to create a European Higher Education Area and foster innovation throughout Europe. More specifically, the ERASMUS programme aims to encourage and support academic cooperation and mobility of higher education students and teachers within the European Union, the European Economic Area (Iceland, Liechtenstein and Norway) as well as candidate countries such as Turkey. In addition, the programme supports higher education institutions to work together through intensive programmes, networks and multilateral projects.

The ERASMUS programme under the Lifelong Learning programme has a number of specific objectives:

- 1. to improve the quality and volume of student and teaching staff mobility throughout Europe (at least 3 million student exchanges by 2012);
- 2. to improve the quality and number of multilateral cooperation between higher education institutions in Europe;
- 3. to improve and increase cooperation between higher education institutions and enterprises; and
- 4. to spread innovation and new pedagogic practices between universities in Europe.

The European Commission is responsible for the ERASMUS programme's overall implementation and its Directorate-General for Education and Culture coordinates its different actions. The actions within the framework of the ERASMUS programme can be divided into "decentralised" and "centralised" actions. The decentralised actions concern the mobility actions that are run by national agencies in the 31 participating countries. Centralised actions such as networks, multilateral projects and the award of the Erasmus University Charter are managed by the Executive Agency for Education, Audiovisual and Culture based in Brussels.

The actions of the ERASMUS programme under the Lifelong Learning² programme include the following decentralised actions:

- Student mobility for:
 - studying abroad (3 months up to 1 year) based on recognition of credits earned:
 - Student mobility for placements in enterprises, training centres or research centres abroad (3 months up to 1 year as a general rule)*,
- Higher education institution (HEI) staff mobility for:
 - teaching assignments through which teachers from foreign higher education institutions or enterprises can be attracted;
 - further training* in foreign enterprises and higher education institutions*;
- Linguistic preparation courses (EILC) with a maximum of 6 weeks and a minimum of 60 teaching hours;
- Intensive programmes to bring together students and staff from at least three participating countries to work or teach together in subject related work for a period of 2-6 weeks (this action was a centralised action under Socrates2 (2000-2006);
- Preparatory visits to help higher education institutions establish contacts with prospective partner institutions with a view to organising new mobility initiatives, inter-institutional agreements; ERASMUS intensive programmes; or ERASMUS student placements.

The following centralised actions:

- Multilateral projects for the development of study programmes, cooperation between universities and enterprises*, modernisation of higher education* and virtual campuses*;
- Academic networks designed to promote innovation in a specific discipline, set of disciplines or multidisciplinary area;
- Structural networks* designed to help improve and modernise a specific aspect
 of a higher education organisation, management, governance or funding (such
 as broadening access to higher education, promoting the "knowledge triangle"
 of education, research and innovation, improving university management, enhancing quality assurance); and
- Accompanying measures to promote the objectives of ERASMUS and to help ensure that the results of ERASMUS-supported activities are brought to the attention of the wider public, for example by information and communication, monitoring activities, development of databases and dissemination of results at conferences. As a general trend actions supporting cooperation between higher

² New ERASMUS actions under the Lifelong Learning Programme are indicated by a *.

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education institutions and (foreign) enterprises have gained importance, under the new LLL programme. Enterprises can benefit from:

- student placements;
- having their staff teach in a HEI abroad;
- higher education institutions' staff receiving training in their enterprise; and
- multilateral projects on university-enterprise cooperation and modernisation.

To further support mobility and cooperation, ERASMUS has developed a number of *tools*, these include:

- The European Credit Transfer System (ECTS) that facilitates better recognition and transfer of study credits that are awarded at host institutions. ECTS has later been taken up as one of the main building blocks of the Bologna process;
- The Diploma Supplement (DS), developed in cooperation with the Council of Europe and UNESCO, a document attached to a higher education diploma which aims at improving international 'transparency' and facilitating the academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were successfully completed by the individual named on the original qualification to which this supplement is appended. It should be free from any value-judgements, equivalence statements or suggestions about recognition. It is a flexible non-prescriptive tool which is designed to save time, money and workload. It is capable of adaptation to local circumstances;
- The ERASMUS University Charter (EUC) which aims to guarantee a high level of quality in mobility and cooperation by setting out fundamental principles for all ERASMUS actions that participating institutes must follow. The EUC replaced the previous Institutional Contracts in 2003/2004. Higher education institutions which want to participate in ERASMUS actions must have an EUC;
- The European Policy Statement (EPS) which has been changed under the Lifelong Learning Programme into the ERASMUS Policy Statement which a higher education institution is required to define its internationalisation/European strategy. Institutions need an EPS in order to gain and retain the status of a participating university in the ERASMUS programme;
- Learning agreements are standardised forms in which hosting and home institutions of mobile students agree on the gained study credits for particular course units;
- Transcript of records is a standardised form in which the value of study credits
 and the marks awarded are defined to facilitate the recognition of the currency
 of the study period abroad; and
- Training agreements* introduced under the Lifelong Learning Programme for student mobility for placement in an enterprise.

APPENDIX 2: ERASMUS SURVEY QUESTIONNAIRES

Appendix 2a: ERASMUS survey on quality

improvement: institutional leaders

Appendix 2c: ERASMUS survey on quality

improvement: decentral ERASMUS coordinators

Appendix 2b: ERASMUS survey on quality improvement: central ERASMUS coordinators

Annex 2a: ERASMUS survey on quality improvement: institutional leaders

Dear Sir or Madam,

Please note

- This survey addresses ERASMUS under SOCRATES II and under the Lifelong Learning Programme.
- This survey does <u>not</u> address the ERASMUS MUNDUS programme.
- It takes approximately 15 minutes to answer the questions.
- If you want to answer a question by 'I don't know', please leave the corresponding text field blank or do not tick any of the boxes referring to that part of the question
- Please fill in the questionnaire electronically (by using the "insert" key and marking the relevant boxes with an "X") and email it back to us or print the questionnaire and fax it or send it back by post after having filled it in (see contact details below).

We assure you that any information you provide will be handled in strict accordance with data protection regulations and only made available in an aggregated and anonymous form.

Prof. Dr. Ulrich Teichler, Dr. Ute Lanzendorf

Please return the questionnaire to:

University of Kassel, International Centre for Higher Education Research (INCHER-Kassel), ERASMUS, Mönchebergstr. 17, D-34109 Kassel, Germany, Fax: +49 (0)561 / 804 7415

Should you require assistance or further information, please turn to Ms Sandra Buerger at INCHER-Kasselt at <u>Erasmus@incher.uni-kassel.de</u>, Tel.: +49 (0)561 / 804-3020

You may fill in the questionnaire electronically by using the "insert" key and marking the relevant boxes with an "X" and then email it back to us.

1 How would you summarize the impact of ERASMU	S on your instituti	ion?						
					I don't	agree	I very	/ much
					at a	II	а	gree
					1	2 3	4	5
My institution's participation in the ERASMUS programme support	s institutional change	and mode	ernisation					
At my institution, too few activities are undertaken under ERASML	IS to expect any note	worthy ins	titutional	impact				
If you choose box 4 or 5 at this option (too few activities), please of	ontinue with question	n 7						
2 For pursuing your institution's general mission,	nolicies and obje	ectives h	ow imr	ortant c	lo vou c	onsider	the foll	owina
ERASMUS actions and tools (ECTS, the ERASMUS	• •	-	1011 IIIIp	ortant c	io you o	onoidei		ownig
• ,	•	•	Т	he action/	tool is			
		not importa	ant			very	We a	re not
		at all				important	in	volved
		1	2	3	4	5		
ERASMUS student mobility for study purposes								
ERASMUS teacher mobility for teaching assignments								
ERASMUS funded European projects for curriculum development								
Staff from your institution performing coordinating functions in ERA	ASMUS projects							
Institutional networking under ERASMUS								
ECTS for international credit transfer								
Formulating and implementing the ERASMUS Policy Statement/U	niversity Charter							

3 How much progress has your institution achieved with respect to the following activities? And, according to your perception, what role did your institution's participation in ERASMUS play for the initiation of these activities and the achievement of progress in their implementation at your institution?

	Р	rogre	ess re	alize	ed		ted the				JS is/was ortive for ng progress		
	1	2	3	4	5	ac	tivity	1	2	3	4	5	
	None				Very high	Yes	No	Not at all			Ve stro	,	
Modernising the learning infrastructure (classrooms, computers etc.)													
Evaluating the professional impact of student qualifications by means of regular graduate surveys													
Increasing the participation in international networks and projects (in teaching, research or at the institutional level)													
Fostering the regular reflection on and evaluation of institutional strategies													
Professionalizing/modernising institutional management													
Establishing an institutional internationalisation strategy													
Enhancing the international visibility and attractiveness of your institution													
Enhancing the national visibility and attractiveness of your institution													
Improving/diversifying the financial basis of your institution's operation													
Strengthening the cooperation with the economic sector (industry, services etc.)													
Increasing cooperation with interest groups in your university's region (politics, industry, trade unions, cultural associations etc.)													
Other, please specify:					_								

4 To what extent are the following possible problems and conflicts relevant to your in	stitu	tion?				
	Not a			•	much elevant	Not applicable
	1	2	3	4	5	
ERASMUS is extremely costly/absorbs too many administrative, financial and human resources						
The implementation of the Bologna three cycle structure is in conflict with ERASMUS student mobility						
Incoming ERASMUS students occupy places of potential fee paying students						
ERASMUS consumes resources which we would like to use for attracting excellent international students for degree study						
ERASMUS experience at foreign universities motivates our graduates to take an advanced degree abroad although we would like to retain them at our institution						
ERASMUS consumes financial and personnel resources which we would like to use for intensifying research						
The implementation of ERASMUS requires broad international networking but we prefer to focus on the most fruitful or suitable academic partnerships						
If you have encountered further problems or conflicts, please specify:						
	_					
5 How do you expect the impact of ERASMUS and other international activities on yo five years?	ur in	stituti	ion to	deve	op in th	e coming
	rease	41. 7				
significantly the same sign		uy				
I expect the impact of ERASMUS to						

	Not importa	ant			Very
	at all	0	2		nportant
Student mobility for placement in enterprises abroad	1	2	3	4	5
Staff mobility for training in enterprises/higher education institutions abroad	_				
The invitation of staff from foreign enterprises for teaching assignments					
New types of ERASMUS funded projects					
Co-operation between universities and enterprises					
Modernisation of higher education (increasing the overall relevance of curricula, developing lifelong learning strategies, diversifying funding sources and developing internal management systems or quality assurance mechanisms)					
Virtual Campuses enabling virtual mobility and contributing to the extension of ICT-based learning					
What do you suggest for the future of the ERASMUS programme in order to be a compared to the ERASMUS programme in order to be a compared to the second to the ERASMUS programme)? Barriers at the institutional level (for example lack of interest of potential participants etc. Barriers at the system level (stemming for example from education policy, legislation, the	o the implemen	tation o	f ERASI		

Thank you very much for your kind co-operation.

Annex 2b: ERASMUS survey on quality improvement: central ERASMUS coordinators

Dear ERASMUS coordinator,

by means of this questionnaire, we would like to ask you to provide information and your view on the impact of the ERASMUS programme on your institution.

Please note

- This survey addresses ERASMUS under SOCRATES II and the Lifelong Learning Programme.
- It does not address the ERASMUS MUNDUS programme.
- If you want to answer a question by 'I don't know', please leave the corresponding text field empty or do not tick any of the boxes referring to that part of a question.
- It takes approximately 45 minutes to answer the questions.

Please fill in the questionnaire electronically (by using the "insert" key and marking the relevant boxes with an "X") and email it back to us or print the questionnaire and fax it or send it back by post after having filled it in (see contact details below).

We assure you that any information you provide will be handled in strict accordance with data protection regulations and only made available in an aggregated and anonymous form.

Prof. Dr. Ulrich Teichler, Dr. Ute Lanzendorf

University of Kassel, International Centre for Higher Education Research (INCHER-Kassel), ERASMUS, Mönchebergstr. 17, D-34109 Kassel, Germany

Fax: +49 (0)561 804 7415, http://www.uni-kassel.de/incher
Should you require assistance or further information, please turn to
Ms Sandra Buerger at INCHER-Kassel at Erasmus@incher.uni-kassel.de, Tel.: +49 (0)561 804 3020.

If you want to fill in the questionnaire electronically, please use the "insert" key and mark the relevant boxes with an "X".

1. lr	stitutional Profile				
1.1	Please provide the following information about your institution.				
	My institution (Multiple replies possible) has the legal status of a public institution awards Master's degrees or equivalent awards PhD titles awards only vocational certificates (no Bachelor's or Master's degrees) expects from its academic staff to be involved equally in teaching and research is specialized on music, arts, teacher training, engineering or any other specific field of study understands itself as a regional institution (i.e. has not primarily a national or international remit)	Yes	No □ □ □ □ □ □ □ □ □ □ □ □ □		
1.2	Please state the approximate number of (international) students and of academic staff activity in 2006/07.	f at your	institutior	n for whom teaching w	as a key
	national students academic staff for whom teaching was a key (full-time equivalents)	y activity		international stude (incl. ERASMUS- stude	
1.3	In which year did your institution join the ERASMUS programme?				
1.4	How many years have you personally been involved in the organisation of ERASMUS	activities	s at your i	nstitution?	years
1.5	Does your institution have an ECTS catalogue/information package in English? □	Yes		□ No	
1.6	How many academic departments/faculties at your institution use ECTS as an internal	l credit a	ccumulati	ion system?	
	departments/faculties of a total of departments/faculties	es.			

1.7	Please state the approximate number of your ERASMUS partner instit	tutions	and inc	licate wit	h approximate	ely how m	nany of them y	you
carri	ed out joint activities in 2006/07.							
	My institution has about ERASMUS partner institutions. There were	e joint a	ctivities	with app	roximately	of the	m in 2006/07.	
1.8	For how many centralised projects under ERASMUS did your institut	tion rece	eive su	pport in t	the academic	ear 2006	5/07?	
		ΙP		С	D	Т	hematic Netwo	orks
	Number of projects supported as partner institution							
	Number of projects supported as co-ordinating institution							
	from ERASMUS in the academic year 2006/07? attractive of				SMUS, this pro requirements			
			Yes	No	Yes	No	Yes	No
	Yes, in the programme (please specify)							
	Yes, in the programme (please specify).							
	Yes, in the programme (please specify)							
	☐ No, my institution did not participate in any other important programme of studer	nt/staff ex	change,	higher ed	ucation cooperat	on etc. in 2	2006/07.	

2.	The Institutional Impact of the ERASMUS programme								
2.1	For pursuing your institution's general mission, policies and of following ERASMUS actions and tools? And does your institution the ERASMUS grant?								
	3		The	actio	n/too	l is	We make	supp	olementary
		not importan	t at a	II	ver	/ important	institutiona	l fun	ds available
		1	2	3	4	5	Υe	s	No
	Incoming student mobility under ERASMUS								
	Outgoing student mobility under ERASMUS						Е	l	
	Incoming teacher and staff mobility under ERASMUS								
	Outgoing teacher and staff mobility under ERASMUS								
	Intensive Programmes								
	Curriculum Development Projects							l	
	Thematic Networks								
	Institutional networking under ERASMUS								
	Staff from your institution coordinating centralised projects								
	ECTS for credit transfer							l	
	Learning Agreements								
	The Diploma Supplement								
	The ERASMUS Policy Statement								
2.2	Does your institution exploit and transfer the experiences gained teaching, research, student services or institutional management. We exploit and transfer experience for improving our teaching, research, students	?					d tools for imp	rovi	ing its
							Yes	3	No
	ERASMUS student mobility]	
	ERASMUS staff mobility]	
	centralised projects (IP, CD, Thematic Networks)]	
	ECTS for credit transfer]	
	de la la compania de la compania del compania de la compania del compania de la compania del compania de la compania de la compania de la compania del compania de la compania de la compania de la compania del compania							1	
	the development and implementation of the ERASMUS Policy Statement						<u>-</u>		

2.3 How much progress has your institution achieved with respect to the following activities? And, according to your perception, what role did your participation in the ERASMUS programme play for the initiation of these activities and their further development at your institution?

	Progress realized					ERASMU: the ad			RASMUS was for achieving			
	1	2	3	4	5		. ,	1	2	3	4	5
Teaching and learning	Non	е			Very high	Yes	No	Not	at all		str	Very ongly
Modernising curricula (substantial revision or development of new curricula)												
Fostering soft skills of students (teamwork, communication, intercultural awareness etc.)												
Introducing mandatory foreign language requirements as part of the curriculum												
Internationalising the curricular content (incl. joint curricula)												
Setting up English/foreign language programmes												
Introducing joint degrees												
Internationalising teaching and learning (teaching in English by own teachers, inviting foreign lecturers, foreign language books in the university library etc.)												
Other, please specify:												
Quality assurance/professionalisation												
Improving the transparency and transferability of student qualifications												
Modernising the learning infrastructure (classrooms, computers etc.)												
Introducing /extending language training and intercultural training for teachers												
Introducing regular student and/or graduate surveys on student satisfaction												
Other, please specify:												

	Progress realized			ERASMU:			for achie		S was supportions of the supportions of the supportions of the support of the sup			
	1	2	3	4	5 Verv			1	2	3	4	5 Very
Student services	Non	е			high	Yes	No	Not	at all		str	ongly
Improving the counselling for staff and students interested in study abroad												
Improving the non-academic support for incoming students (with respect to grants, accommodation, organisation of leisure activities, visa issuing etc.)												
Improving the non-academic support for your own students (accommodation, organisation of leisure activities etc.)												
Increasing student information in foreign language (student guides and university website, foreign language proficiency of administrative staff etc.)												
Other, please specify:												
Mobility, networks and cooperation												
Increasing the number of outgoing teachers and students												
Increasing the number of incoming teachers and students												
Increasing the number of staff with a responsibility for internationalisation												
Maximizing the effects of international institutional networks												
Increasing the participation in international projects (research or teaching-related)												
Increasing the attendance or organisation of international conferences												
Increasing the cooperation with the economic sector (industry, services etc.)												
Institutional mission and profiling												
Introducing the regular reflection on and evaluation of institutional strategies												
Professionalizing institutional management												
Establishing and developing an institutional internationalisation strategy												
Improving the international visibility and attractiveness of the institution												
Improving the national visibility and attractiveness of the institution												
Increasing the tendering for project-related funding (teaching or research)												
Other, please specify:												

2.4 To what extent are the following problems and conflicts that may occur in the context of the implementation of ERASMUS actions relevant at your institution?

	No prob at a	olem II			Very rious ems
	1	2	3	4	5
Outward mobile students have difficulties to re-integrate into their programme after they return from abroad					
Incoming students have little interest in academic learning					
ERASMUS is extremely costly/absorbs too many administrative, financial and human resources					
In relation to the amount of time required to tender for and participate in centralised actions (IP, CD, Thematic Networks) the benefits of projects for your institution are marginal					
The objective of increasing the number of fee paying foreign students is in conflict with the absorption of capacities by incoming ERASMUS students					
The objective of attracting the most excellent international students for degree study is in conflict with the resource requirements of ERASMUS actions					
The objective of increasing the retention of students at your institution for advanced study is in conflict with ERASMUS student mobility					
The objective of intensifying research at your institution is in conflict with your staff spending time for the organisation of ERASMUS					
The objective of focussing academic partnerships to the most fruitful or suitable ones is in conflict with the implementation of ERASMUS actions					
The objective of establishing and enhancing institutional networks in your home country is in conflict with the international networking required to implement ERASMUS actions					
If you have encountered further problems, please specify:					

2.5 To what extent are the following possible barriers to the implementation of ERASMUS relevant at your institution?

	Not all	at			Highly relevant
	1	2	3	4	5
Decrease of interest of your students in temporary study abroad.					
Insufficient foreign language proficiency of students to spend a temporary study period abroad					
Insufficient number of grants to support all students interested in ERASMUS mobility					
Recognition of study abroad remains incomplete for your returning ERASMUS students					
Lack of interest among academic staff in participating in ERASMUS teacher mobility					
The implementation of the Bologna three cycle structure is in conflict with ERASMUS student mobility					
The implementation of the Bologna three cycle structure is in conflict with ERASMUS teacher mobility					
The general objective of shortening the study times of degree students is in conflict with ERASMUS student mobility					
Too little support of students, teacher or other staff interested in ERASMUS outgoing mobility by the potential host institutions abroad					
Lack of interest among academic staff of your institution in the centralised actions of ERASMUS (IP, CD, Thematic Networks)					
Lack of financial means to cover own institutional costs related to ERASMUS.					
Difficulties in finding suitable partner institutions for ERASMUS activities					

2.6	insti	s your institution systematically keep track of the implementation and tution does this information feed into discussions and decision-makin .SMUS? (Multiple replies possible)					-
			-	This inforn	nation feeds ir	nto discussior	ns
			at the level o	f departme	ents	at central ins	stitutional level
		Yes, we analyse the reports of former ERASMUS participants	[3			
		Yes, we organize feedback seminars with former ERASMUS participants	ī				
		Yes, we compile data bases on Europeanisation / internationalisation	1	-			
		Yes, we regularly publish Europeanisation/internationalisation reports	[3			
		Other, please specify:	I	_			
2.7	How	do you expect the impact of ERASMUS and other international activiti	es on your inst Decrease significantly	itution to	o develop in Remain the same	the comin	g five years? Increase significantly
			1	2	3	4	5
l ex	oect the	e impact of ERASMUS to					
l exp	oect the	e impact of other internationalisation activities to					

2.8 Do you participate or have concrete plans to participate in the following new ERASMUS actions under the Lifelong Learning Programme?

	We participate	We have concrete plans to participate	No
Student mobility for placements in enterprises			
Mobility of non-academic staff			
Projects on Modernisation of higher education			
Projects on co-operation between universities and enterprises			
Projects on Virtual Campuses			

3.	Enhancing the Institutional Impact of the ERASMUS programme
3.1	What would you suggest for the future of ERASMUS in order to make it more beneficial to your institution?
3.2	According to your professional experience, what factors could trigger a further increase of ERASMUS student mobility at your institution?

We would be very pleased if you could provide us information on any institutional, regional or national evaluation studies with reference to the ERASMUS programme known to you. Please use the space below or send an email to ERASMUS@incher.uni-kassel.de

Thank you very much for your kind co-operation.

Annex 2c: ERASMUS survey on quality improvement: decentral ERASMUS coordinators

Dear ERASMUS coordinator,

by means of this questionnaire, we would like to ask you to provide information and your view on the impact of the ERASMUS programme on your department.

Please note

- This survey addresses ERASMUS under SOCRATES II and the Lifelong Learning Programme.
- This survey does <u>not</u> address the ERASMUS MUNDUS programme.
- The term 'department' is used throughout the questionnaire to address departments as well as faculties
- If you want to answer a question by 'I don't know', please leave the corresponding text field empty or do not tick any of the boxes referring to that part of the question.
- It takes approximately 45 minutes to answer the questions.
- Please fill in the questionnaire electronically (by using the "insert" key and marking the relevant boxes with an "X") and email it back to us or print the questionnaire and fax it or send it back by post after having filled it in (see contact details below).

We assure you that any information you provide will be handled in strict accordance with data protection regulations and only made available in an aggregated and anonymous form.

Prof. Dr. Ulrich Teichler, Dr. Ute Lanzendorf

Please return the questionnaire to

University of Kassel, International Centre for Higher Education Research (INCHER-Kassel), ERASMUS, Mönchebergstr. 17, D-34109 Kassel, Germany, Fax +49 (0)561 804 7415

Should you require assistance or further information, please turn to Ms Sandra Buerger at INCHER-Kassel at Erasmus@incher.uni-kassel.de, Tel.: +49 (0)561 804 3020.

You may fill in the questionnaire electronically by using the "insert" key and marking the relevant boxes with an "X" and then email it back to us.

1. T	he Profile of your Depar	tmei	nt				
1.1	Please provide informati	on o	n the disciplinary profile of	your	department in the acaden	nic yea	ar 2006/07. Please tick the
	Humanities (without languages)		Languages and philological sciences		Engineering, technology, informatics		Medical sciences
	Social sciences		Economics, management		Natural sciences		Other areas of study, please specify:
	Education, teacher training		Art and design		Law		
1.2	Please state the approxi 2006/2007	mate	number of (international) s	tuden	ts enrolled at your depar	tment	in the academic year
Appro	ximate number of national students (full-time	e or part-time):		Approximate number of interna	tional stu	dents (excl. ERASMUS):
Appro	ximate number of incoming ERASMU	JS stud	ents:		Approximate number of outgoin	ng ERAS	MUS students:
1.3	• •		number of staff involved in nder ERASMUS in the acade		• •	and the	e approximate number of
	Approximate number of teachers in	your d	epartment (full-time equivalent):		Approximate number of incoming E	RASMUS	S teachers:
	Approximate number of outgoing E	RASMI	JS teachers:				
1.4	When did your departme	ent jo	in the ERASMUS programm	ne?			
	In the year						
1.5	How many years have yo	ou pe	rsonally been involved in the	ne org	janisation of ERASMUS a	ctiviti	es at your department?
	vears						

1.6	Has your department implemented ECTS?							
	☐ Yes, for all programmes ☐	Yes, for some programmes		No				
1.7	Does your department have an ECTS course ☐ Yes	e catalogue/information p	ackage i	n English	1?			
1.8	Please state the approximate number of you were joint activities in 2006/07.	r ERASMUS partner depa	artments	and indi	cate with	how man	y of them	there
	My department has ERASMUS partner department	artments. There were joint act	tivities with	approxim	ately	_ of them	in 2006/07.	
1.9	For how many centralised projects under ER	RASMUS did your departi	ment rece	eive supp	ort in the	academi	c year 200	06/07?
		IP			CD	Thema	tic Network	S
	Number of projects supported as partner institution						-	_
	Number of projects supported as co-ordinating institu	ution						_
1.10	Did your department participate in other <u>im</u> etc. apart from ERASMUS in the academic years.		student/s	staff excl	nange, hi	gher educ	cation cod	peration
				In comparis	on to ERAS	MUS, this p	rogramme	
		off	ers attractiv	e grants	has high a require		_	number of ipants
			Yes	No	Yes	No	Yes	No
	Yes, in the programme (pls specify):							
	Yes, in the programme (pls specify):							
	Yes, in the programme (pls specify):							
	□ No, my department did not participate in any o	other important programme of stu	ıdent/staff e	xchange, h	gher educat	ion coopera	tion etc. in 20	006/07.

2. The Impact of ERASMUS on Your Department

2.1 For pursuing your department's general mission, policies and objectives, how important are – according to your perception – the following ERASMUS actions and tools? And does your department make own funds available for these actions or tools to supplement the ERASMUS grant?

шенене ег те еге еверенене иле д. и	For my	departi	ment, the	action/to	ool is		Ou	
	not important at all				very import ant	We are not involved	departr make supplements funds ava	es entary
	1	2	3	4	5		Yes	No
Incoming student mobility under ERASMUS								
Outgoing student mobility under ERASMUS								
Incoming teacher and staff mobility under ERASMUS								
Outgoing teacher and staff mobility under ERASMUS								
Intensive Programmes								
Curriculum Development Projects								
Thematic Networks								
Institutional networking under ERASMUS								
Staff from your department coordinating centralised projects								
ECTS for international credit transfer								
The Learning Agreement								
The Diploma Supplement								
The development and implementation of the ERASMUS Policy Statement								

2.2 Does your department exploit and transfer the experience gained from the following ERASMUS actions and tools for improving its teaching, research, student services or management?

For improving our teaching, research, student services or management, we exploit and transfer experience from	To a high degree				Not at all	We are not involved
	1	2	3	4	5	
ERASMUS student mobility						
ERASMUS staff mobility						
Intensive Programmes						
Curriculum Development Projects						
Thematic Networks						
ECTS for international credit transfer						
the development and implementation of the ERASMUS Policy Statement						
institutional networking under ERASMUS						

2.3 How much progress has your department achieved with respect to the following activities? And, according to your perception, what role did your department's participation in ERASMUS play for the initiation of these activities and the achievement of progress in their implementation?

achievement of progress in their implementation:					ERAS initiate activ	d the	ERASMUS is/was supportive achieving progress						
	1	2	3	4	5	aou	,	1	2	3	4	5	
Teaching, learning and research	None			Ver	y high	Yes	No	Not at a	all			Very ongly	
Revising curricula substantially													
Introducing new curricula													
Fostering soft skills of students (teamwork, communication, etc)													
Introducing mandatory foreign language requirements as part of curricula													
Internationalising curricular content (incl. joint curricula)													
Setting up English/foreign language programmes													
Introducing joint degrees													
Internationalising teaching and learning (teaching in English by own teachers, inviting foreign lecturers, using foreign language literature etc.)													
Introducing mandatory work placements in curricula													
Introducing ICT-based learning													
Increasing interdisciplinarity between degree programmes													
Introducing new types of examinations													
Introducing new teaching approaches (problem-oriented learning or similar)													
Increasing the number of international publications (with foreign co-authors, foreign editors or in foreign language)													
Integrating an international perspective in national research projects													
Increasing the societal relevance and impact of research topics													
Strengthening excellence and international competitiveness of research													
Other, please specify:													

.

	F	Progre	ess re	ealize	d	ERAS initiate	d the				e for	
	1	2	3	4	5	activ	vity	1 2		3	4	55 5
Quality assurance/professionalization	Non	ne			√ery high	Yes	No	Not at a				Very ongly
Improving the transparency and transferability of student qualifications												
Introducing the regular evaluation of teaching by students												
Introducing regular graduate surveys												
Introducing/extending language training and intercultural training for teachers												
Other, please specify:												
Student services												
Improving the academic counselling for staff and students interested in study abroad												
Improving the non-academic support for incoming students (with respect to grants, accommodation, organisation of leisure activities, visa issuing etc.)												
Improving the non-academic support for your own students (with respect to grants, accommodation, organisation of leisure activities etc.)												
Increasing student information in foreign language (student guides and department website, foreign language proficiency of administrative staff etc.)												
Other, please specify:												

	Progress realized 1 2 3 4 5					ERASMUS initiated the activity			sup	portiv	is/was ve for rogress 4 5	
Mobility, networks and cooperation	Nor	ie			/ery nigh	Yes	No	Not at a			stro	/ery ngly
Increasing the number of outgoing students												
Putting teaching periods abroad of your teachers on a regular basis												
Increasing the number of incoming students												
Putting teaching periods of foreign teachers at your department on a regular basis												
Increasing the effects of international networks												
Increasing the participation in international projects (relating to teaching or research)												
Increasing the attendance or organisation of international conferences by your academic staff												
Increasing the cooperation with the economic sector (industry, services etc.).												
Other, please specify:												
Management and profiling												
Introducing an internationalisation strategy for the department												
Introducing the regular reflection on and evaluation of the department's activities												
Improving the international visibility and attractiveness of the department												
Improving the national visibility and attractiveness of the department												
Increasing the tendering for project-related funding (for teaching or research purposes)												
Other, please specify:												

2.4 To what extent are the following problems and conflicts that may occur in the context of the implementation of ERASMUS actions relevant to your department?

	Not a				Highly relevant	We are not involved
	1	2	3	4	5	
Outward mobile students have difficulties to re-integrate into their programme after their return						
Incoming students have little interest in academic learning						
ERASMUS is extremely costly/absorbs too many administrative, financial and human resources						
In relation to the amount of time required to tender for and participate in Intensive Programmes, their benefits for your department are marginal						
In relation to the amount of time required to tender for and participate in Curriculum Development Projects, their benefits for your department are marginal						
In relation to the amount of time required to tender for and participate in Thematic Networks, their benefits for your department are marginal						
Incoming ERASMUS students occupy places of potential fee paying foreign students						
ERASMUS consumes resources which we would like to use for attracting excellent international students for degree study						
ERASMUS experience at foreign universities motivates our graduates to take an advanced degree abroad but we would like to retain them at our institution						
ERASMUS consumes financial and personnel resources which we would like to use for intensifying research						
The implementation of ERASMUS requires broad international networking but we prefer to focus on the most fruitful and suitable academic partnerships						
The implementation of ERASMUS requires broad international networking but we prefer to establish and enhance networks in our country						
If you have encountered further problems or conflicts, please specify:						

2.5 To what extent are the following possible barriers to the implementation of ERASMUS relevant to your department?

	Not at releva				Highly elevant	We are not involved
	1	2	3	4	5	
Decrease of interest of your students in temporary study abroad						
Insufficient foreign language proficiency of students to spend a temporary study period abroad						
Insufficient number of grants to support all students interested in ERASMUS mobility						
Recognition of study abroad remains incomplete for your returning ERASMUS students						
Lack of interest among academic staff in participating in ERASMUS teacher mobility						
The formalities involved in the mobility of students or teachers deter academic staff from promoting student mobility or becoming involved in teacher mobility						
The implementation of the Bologna three cycle structure is in conflict with ERASMUS student mobility						
The implementation of the Bologna three cycle structure is in conflict with ERASMUS teacher mobility						
The general objective of shortening the study times of degree students is in conflict with ERASMUS student mobility						
Too little support of students, teacher or other staff interested in ERASMUS outgoing mobility by the potential host departments abroad						
Lack of interest among academic staff in the centralised actions of ERASMUS (IP, CD, Thematic Networks)						
Lack of financial means to cover own costs related to ERASMUS						
If there are further barriers to the implementation of ERASMUS at your department, please specify:						

2.6	Does your department systematically keep track of the implementation. Yes, we analyse the reports of former ERASMUS participants. Yes, the implementation and outcomes of ERASMUS are discussed at commovers, we discuss the results of Intensive Programmes, Curriculum Developmentation, we compile data bases on Europeanisation/internationalisation. Yes, we compile regular Europeanisation/internationalisation reports. Other, please specify:	nittee meetings at n	ny depa	artment.		
	We do not systematically keep track of the implementation and outcomes of their experience in the daily work of my department.	ERASMUS but tead	chers a	nd students who	particip	ated bring in
	No, we do not systematically keep track of the implementation and outcomes	of ERASMUS.				
2.7	How do you expect the impact of ERASMUS and other internation five years?	al activities for y	our de	epartment to	develop	in the coming
	·	decrease significantly		remain the same		increase significantly
		1	2	3	4	5 5
	pect the impact of ERASMUS to					
l ex	pect the impact of other internationalisation activities to					
2.8	Does your department already participate or have concrete planunder the Lifelong Learning Programme?	s to participate	in the	e following ne	ew ERA	SMUS actions
		We participate		le have concrete ans to participat	-	No
	dent mobility for placements in enterprises		μ			
	ility of non-academic staff					
	lernisation of higher education projectsperation between universities and enterprises projects					
	ual Campuses projects					

3.	Enhancing the Impact of the ERASMUS programme
3.1	What would you suggest for the future of ERASMUS in order to make it more beneficial to your department?
3.2	According to your professional experience, what factors could trigger an increase of the proportion of your department's students in ERASMUS mobility?
Cou to yo	d you please give us the title and author or send us a copy of any institutional, regional or national ERASMUS evaluation study known ou?
	Could you please enter your PIN (from our email):

Thank you very much for your kind co-operation.

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