

UNIKASSEL



10 REDUCED INEQUALITIES

How does Cycling contribute to more Social Justice and Equality?

social justice =

the fair distribution of wealth and opportunities within a society (Oxford Dictionary)

Investing into Cycling =

Providing infrastructure for all, more vulnerable, less affluent parts of society, women, children

More just distribution of resources in the society

Enabling access to markets, jobs, education and health facilities

Best way of supporting the principle of "Leave no one behind"

Cycling is delivering to most of the Sustainable Development Goals (SDGs) worldwide: reduction of the poverty, improving food security, access to health, education and market facilities, improving sustainable economy growth, gender equality, sustainable cities, action to combat climate change, strengthen global partnership.



Transport poverty >

Can weaknesses in the transport sector explain slow progress on the SDGs?

Simple calculation:

1 Million \$ \$134 Buffalo Bicycle = **7,500** bicycles -> 37,500 people impacted or

1 km of paved road or 3 km of gravel rural road in Liberia



28% with a buffalo bicycle student attendance increases up to 28%



88% Caregivers were able to visit 88% more patients per month on a bike than on foot



25% Dairy farmers increase number of deliveries up to 25%

Make an economic comparison between investment in the highway vs investment into the integrative cycling network

How many jobs are created, what is the economic impact and the impact for the social equality?

What are the additional social & economic effects of such investment?

How many people does this investment serve?

References

- 1. World Cycling Alliance, ECF, 2016: «Cycling delivers on the Global Goals».
- 2. Palk L. et al. 2020: «Travel time to health-care facilities, mode of transportation, and HIV elimination in Malawi: a geospatial modelling analysis", The Lancet Global Health Journal, Vol. 8, Issue 12, pp. e1555-e1564.
- 3. Wodon Q. et al. 2018: «Missed Opportunities: The High Cost of Not Educating Girls", World Bank. PATH, World Bicycle Relief, 2015: «Bicycles that make a difference in tuberculosis care».
- World Bicycle Relief, 2016: «Mobility: Buffalo Bicycles Impact on Dairy Farmer's Productivity" IPA 2020: "The Impact of Bicycles on Girls' Education and Empowerment Outcomes in Zambia"



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www.uni-kassel.de/goto/cycling