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unterwegs



Collaborative mobile world -

The challenges of a mountainous city to achieve this goal.

The speaker



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Founder of sigo

- ✓ Grown up in Siegen
- ✓ Drivers licence since I was 17
- ✓ Bachelor Thesis: Implementation of Sharing-Systems at the University of Siegen

The challenges for mountainous cities



MOUNTAINS ARE BARRIERS

Normal bikes are not an alternative as this is too exhausting for normal commuting.



LOW FLEXIBILITY AND SPONTANEITY

Dependency on public transport timetables.



DECENTRALISATION

The infrastructure is in the valley, but the housing areas are on the mountains.

Facts about mountainous cities

- 16 mountainous cities in Germany
- with an average bicycle-rate of only 5,2 % of the modal split
(for comparison: Cologne has about 16 %)
- 70 % of all trips are below 10 km;
49 % of all trips are below 5 km.

The solution: E-Bikes

E-Bike Expansion rate
of 350 % from 2009 to 2015.

statista

The challenges for most people



TOO EXPENSIVE

Many people can and do not want to buy an own E-Bike.



NO SAFE GROUND-LEVEL STORAGE

There are hardly any safe ground-level storage facilities for these valuable E-Bikes.



TOO HEAVY FOR CARRYING INTO CELLAR

E-Bikes weigh over 20 kg and are difficult to carry into the cellar or the apartment.

The solution in mountainous cities: E-Bike-Sharing



The advantages of E-Bike-Sharing for mountainous cities

- ✓ Makes the mountains flat
- ✓ Accessible 24 / 7: more flexibility and spontaneity
- ✓ Helps to bridge the first and last mile
- ✓ Less cars in a city
- ✓ Mountainous cities also get attractive for young people
- ✓ High fun-factor

Thank you for your attention!

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