Bicar-Feasibility study of electro-mobile sharing concept for the last mile

Dr. Hans-Jörg Dennig
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Nowadays and in the future, more people live in cities than in rural regions. Fundamental changes are needed for sustainable mobility!
Which picture do you prefer?
What does the future of urban mobility look like?
Traffic Trend

- Traffic Area per person
- Traffic area total

Life Quality?

CO₂-EMISSION

- +15%
- +20%

Energy Efficiency?

MODAL SPLIT

- 74%
- Private Traffic
- Public Transport

Smart Mobility?
How can we solve this challenges? May «Smart Mobility» be a solution?
We have to change something in the private traffic sector!
Smart Mobil + Sharingconcept...

... «short Distance driving»

The solution:
A small vehicle, optimized for the last mile and shared with others.
Market launch in 2020

2017
Research
Technology Development

2018
Fieldtest
20 BICAR in Winterthur

2019
Redesign
Serial Design

2020
Launch

Key: Field test in a Swiss City with lead users to improve the system
FIND

DRIVE

SHARE

share an idea - share BICAR – share your...

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