

aCar mobility

mobility for rural areas in sub-Saharan Africa
research project at Technische Universität München (TUM)

Africa is an economically very fast growing continent. However, the population still faces many problems due to structural problems and economic fluctuation.

Especially in rural areas, there is no need for luxury, but a fundamental need for connection and mobility.

The goal of aCar mobility is to generate a coherent vehicle concept that helps to reduce rural-urban migration and to strengthen rural areas in a self-determined manner. A promising concept has to consider the special market requirements and the locally available resources in order to address the heart of the problems as a „First Miles Vehicle“.

The focus is therefore mainly on a demand-driven development of a multifunctional vehicle that primarily provides mobility for the individual and transport of people and goods as a possible commercial basis. Moreover, with modular extendable functionality it can be utilized as a source of energy, a communication tool, an education device or for medical care.

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 Institute of Metal Forming and Casting
 Chair for Strategy and Organization

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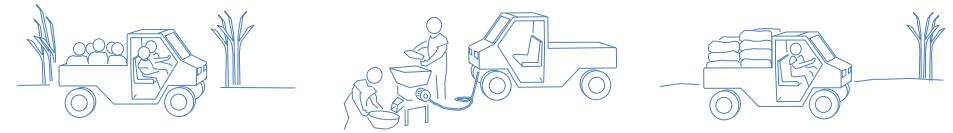
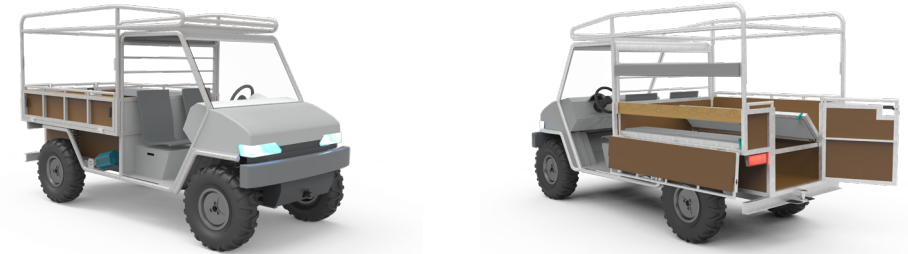
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