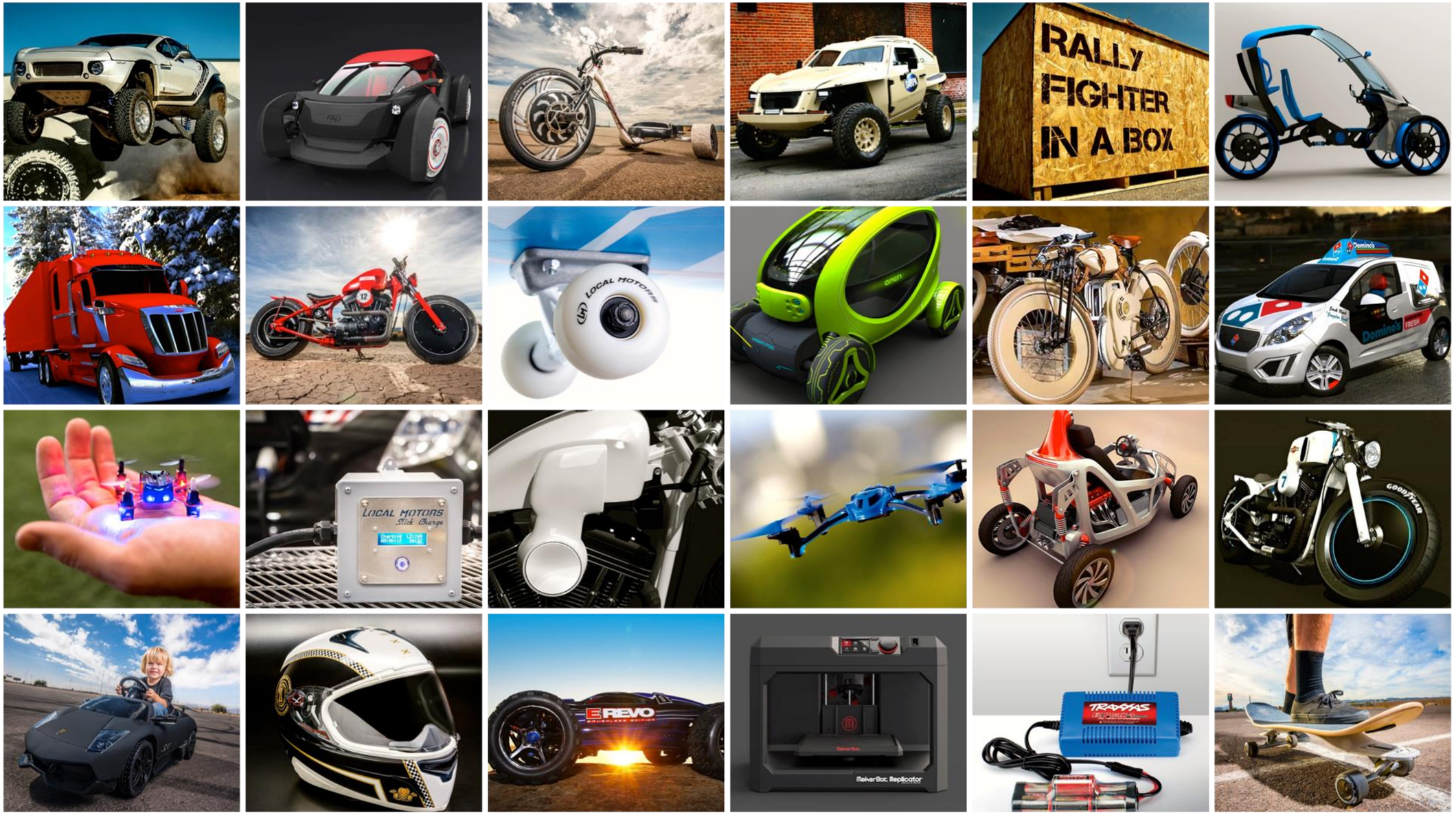
LOCAL MOTORS™

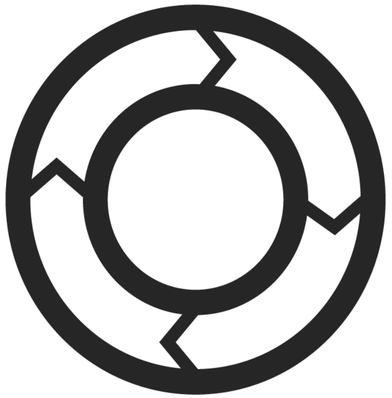
Products: We sell products developed collaboratively with our community.



Platform

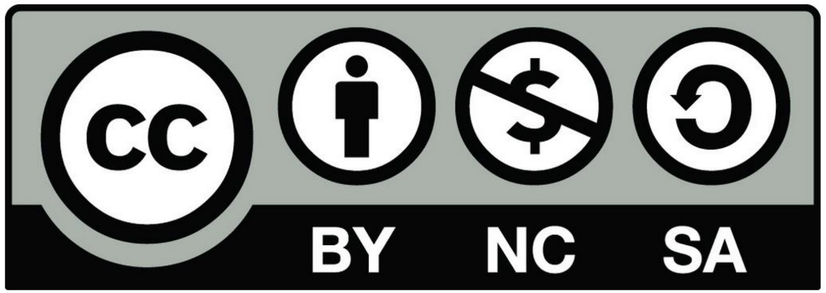
Community

Process

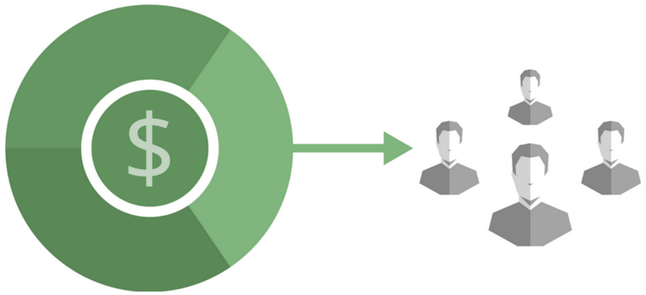


Co-Creation: Community engagement

Work protected: Creative Commons



Contributions rewarded: Royalty



Microfactories: Design, Build and Sell locally

Local Motors model: 5x Faster and 100x Less Cost

Co-creation
with 51000+
community members
in 130 countries

+

Microfactories
Local production units
powered by Direct Digital
Manufacturing

Case 1: Rally Fighter from Sangho Kim, South Korea | World's 1st Co-Created Car - 18 months

Case 2: Flypmode from Victor Garcia, USA | World's First Co-Created Military Vehicle - 5 months

Racer
12
A. COSTA

EST. 2013
CRUISER

Collaborations: Community engagements

DARPA

Peterbilt

B'TWIN

Domino's Pizza

BMW

SIEMENS

Rapid Equipping Force
UNITED STATES ARMY

arpa·e
CHANGING WHAT'S POSSIBLE

3D Printed car Challenge: Over 200 entries

International Manufacturing Technology Show: September 2014 - Chicago

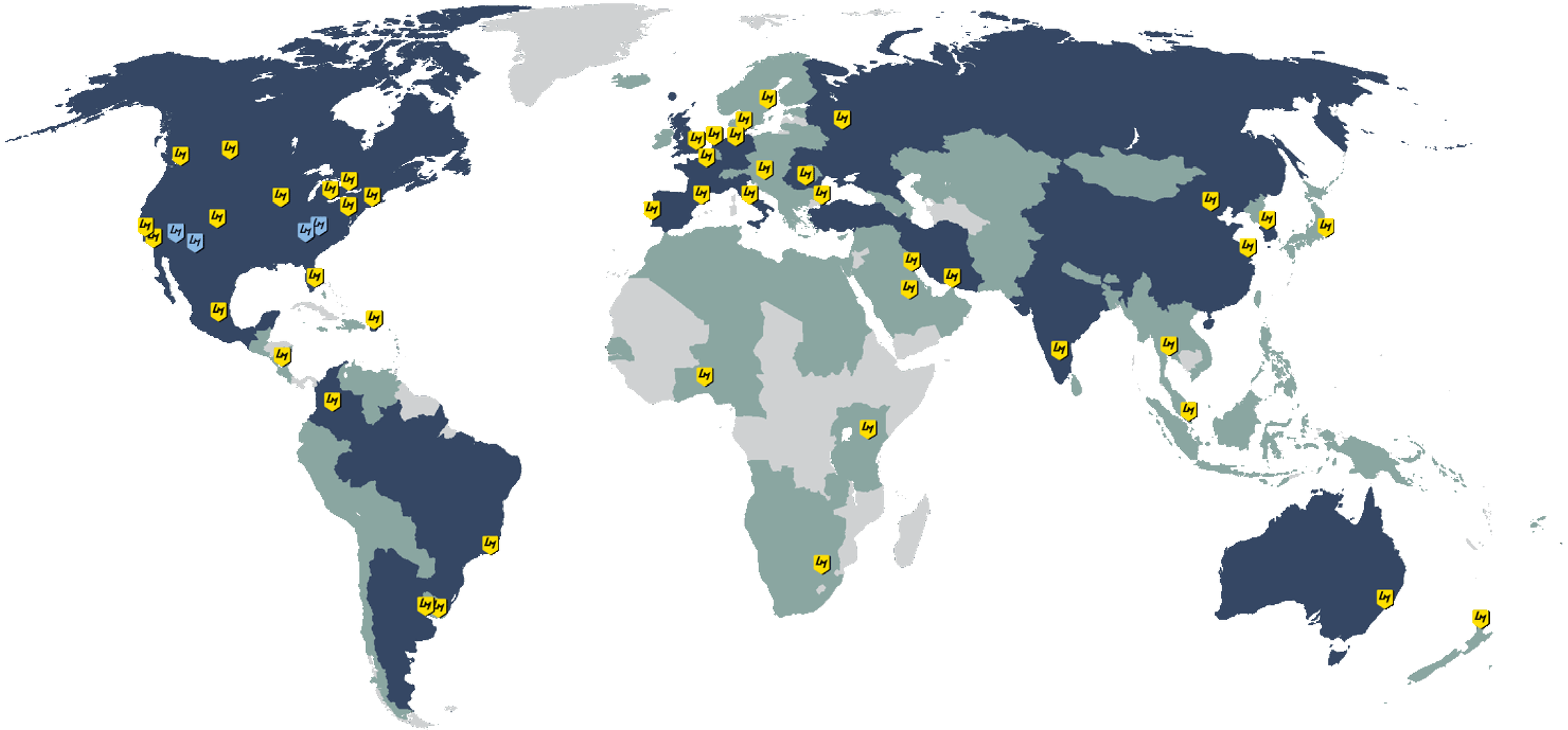
DDM: Direct Digital Manufacturing

Case 3: Strati from Michele Anoè, Italy | World's First 3D printed car

Project redacted: July 2015 - Swim from Kevin Lo, USA

Project redacted: Swim from Kevin Lo, USA | On the way to the first Highway certified 3D printed car

Expanding the network of Microfactories: Co-Creating locally relevant vehicle eco-systems



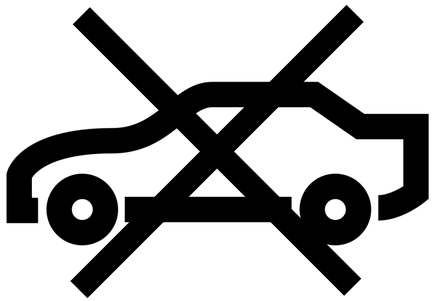
Countries with >500 community members

Countries with 1-499 community members

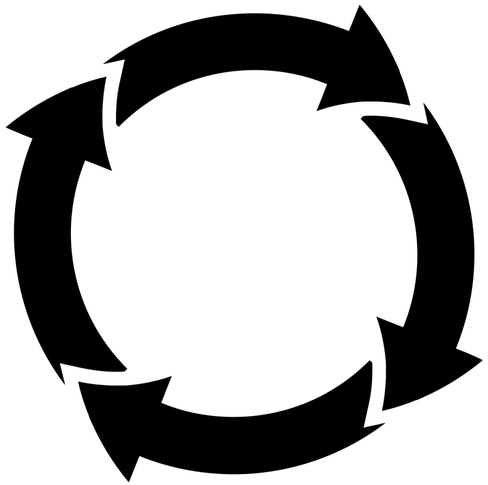
Existing Microfactories

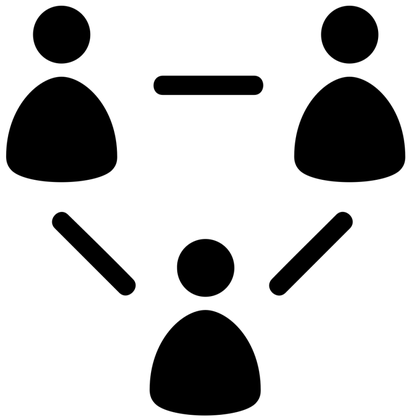
Planned Microfactories

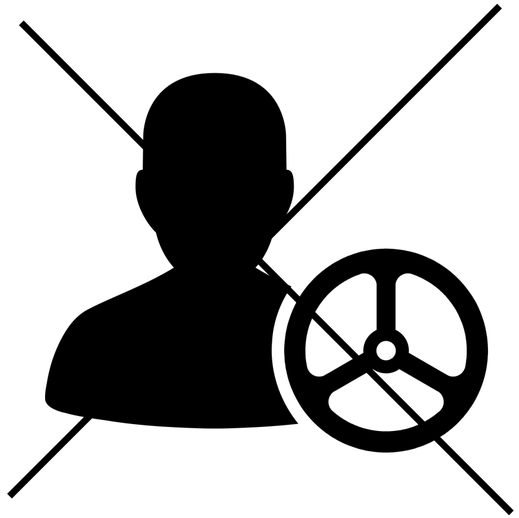
70%



Urban Mobility
Challenge
Berlin 2030







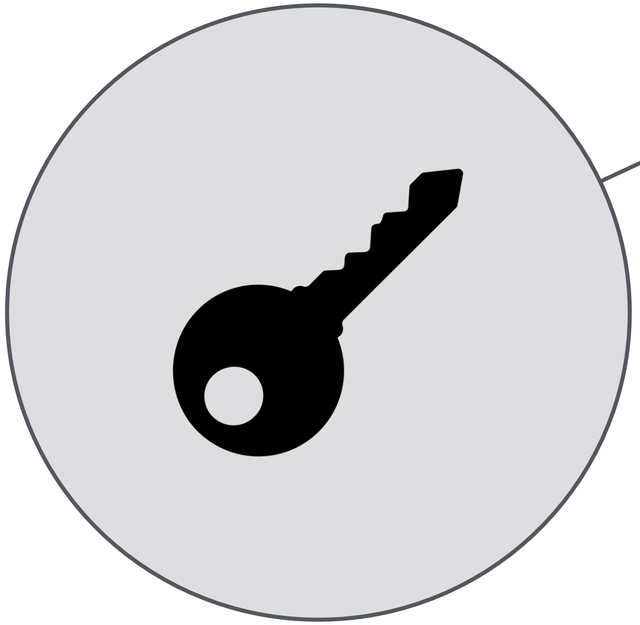
Mobility Revolution

EDGAR SYSTEM

Dynamic driverless vehicle system

The 4 elements of the system

EDGAR SYSTEM



Front end interface: Mobile enabled

Multi-Modal Trip-Planning

On-demand or pre-defined route

Registration

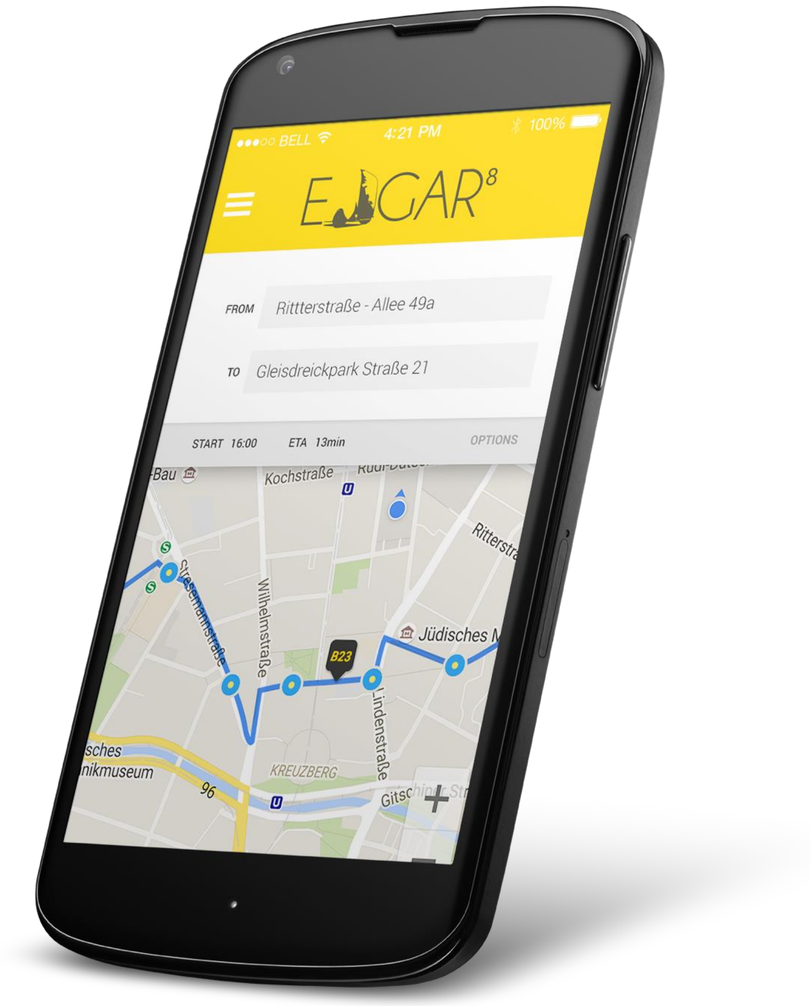
Service optimization based on usage patterns

Ticketing

Integration of existing ticketing schemes

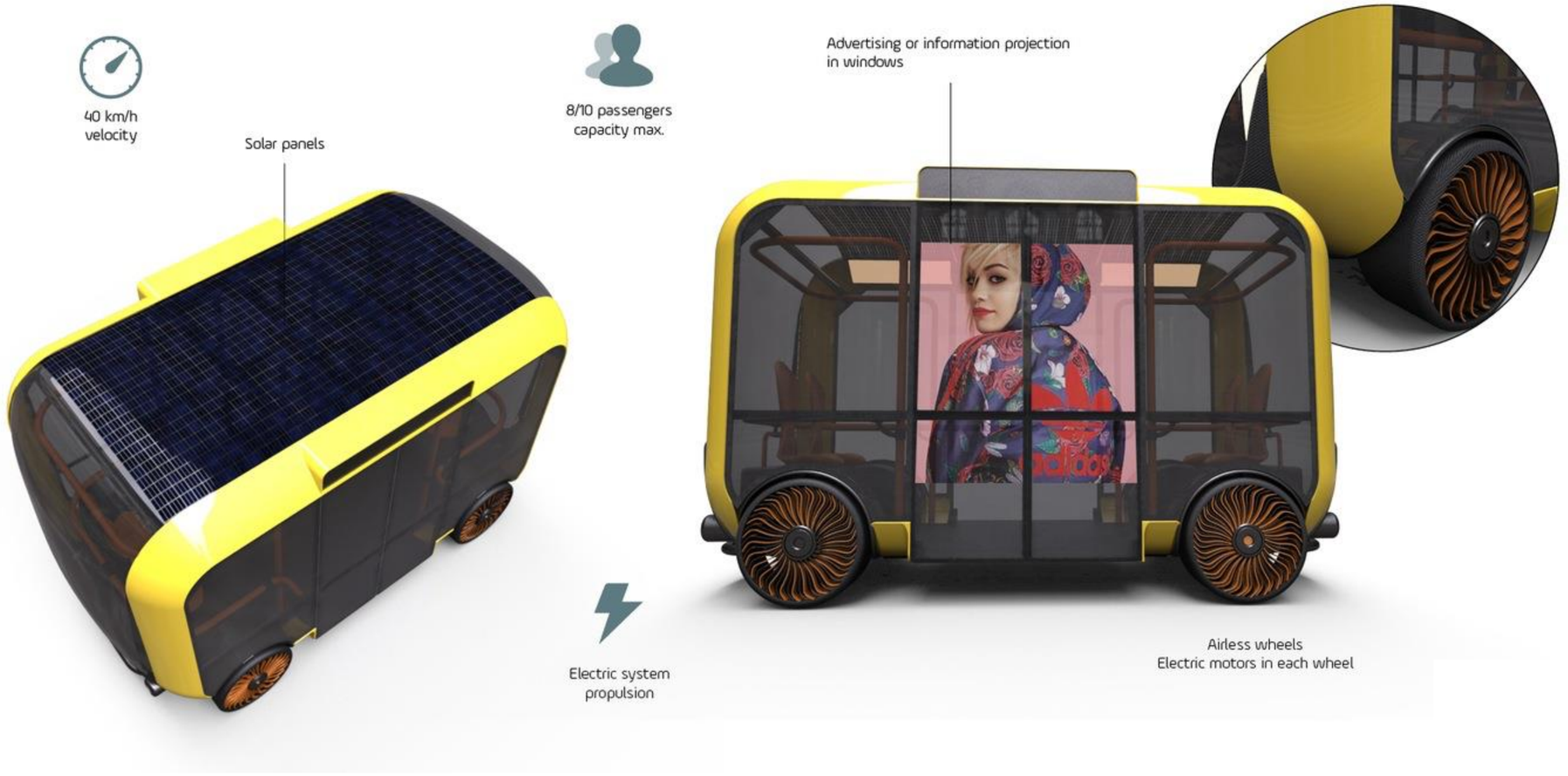
Billing Interface

Integration of various payment mode

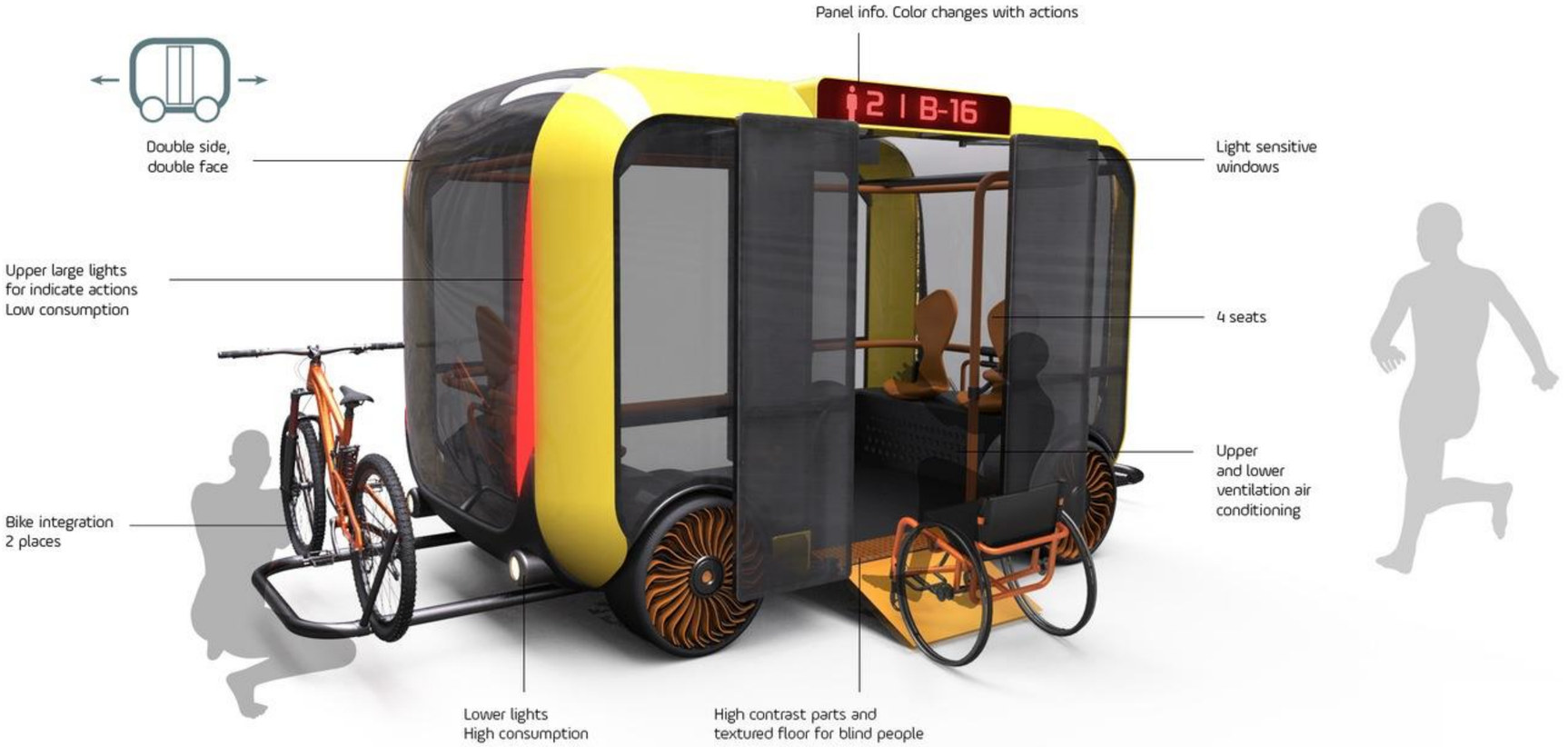


First vehicle: Edgar08 - Autonomous upgradable minibus for 8 people

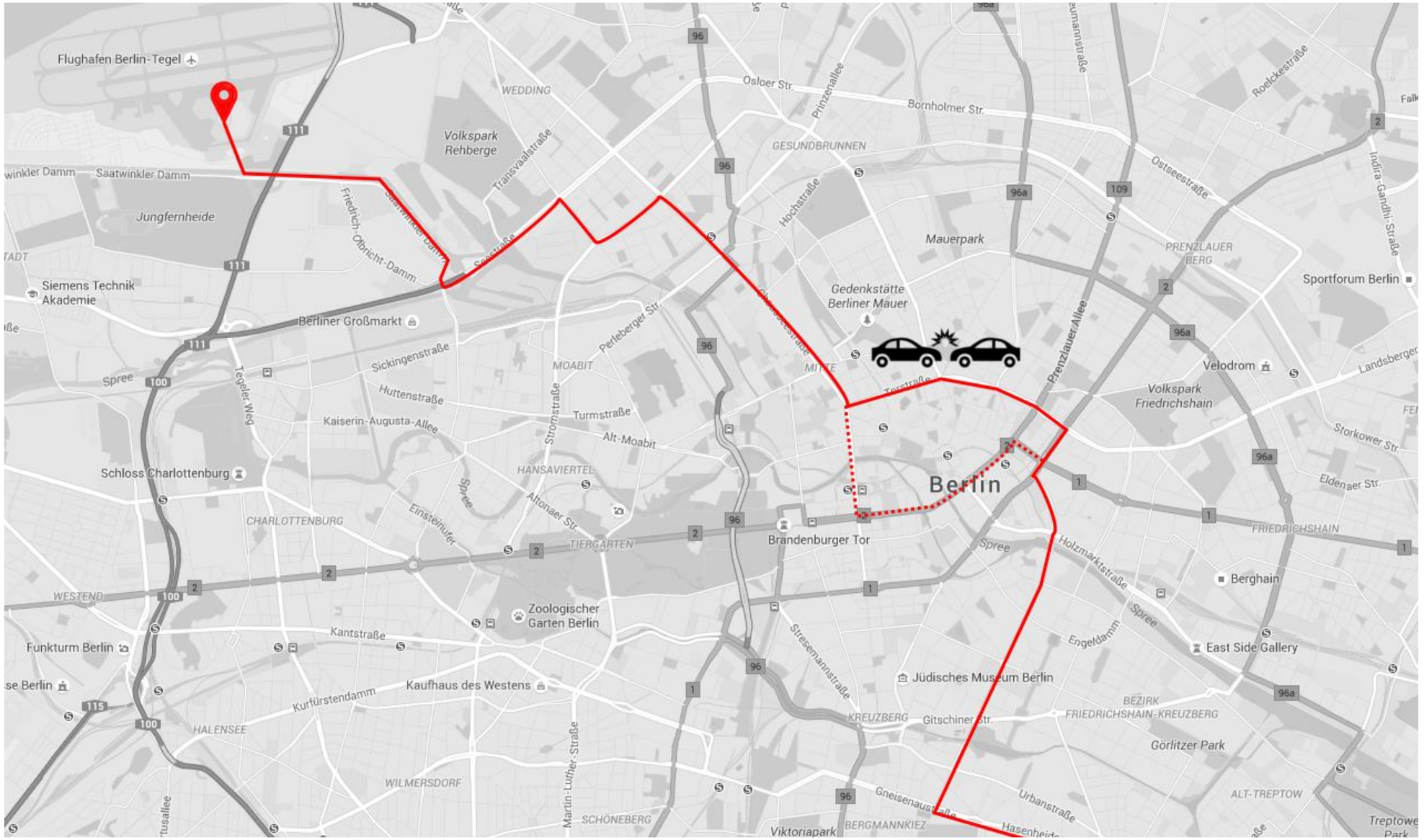
Edgar08: Beautiful and sustainable



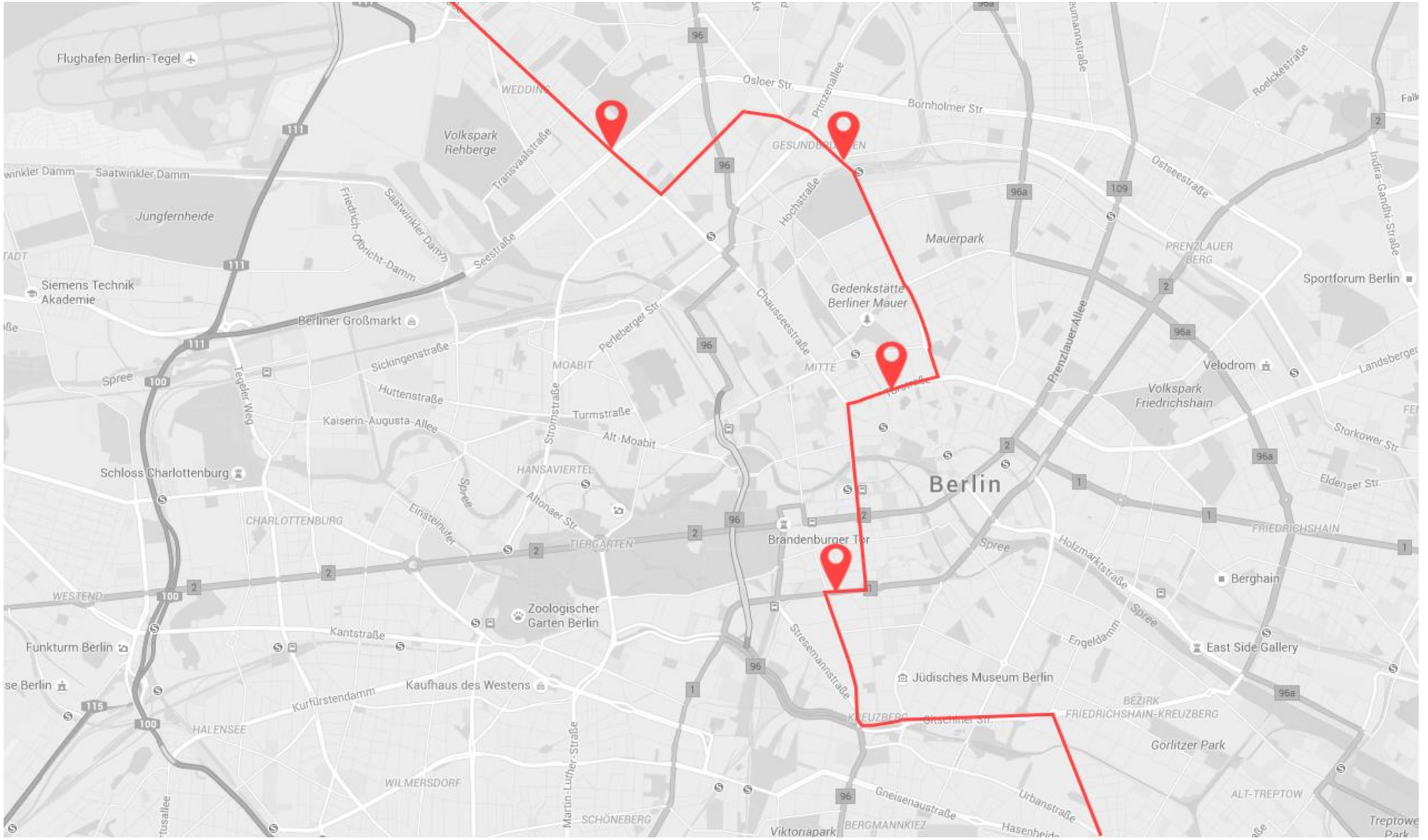
Edgar08: Smart and accessible



Dynamic trip planning: Autonomous self re-routing according to real time traffic



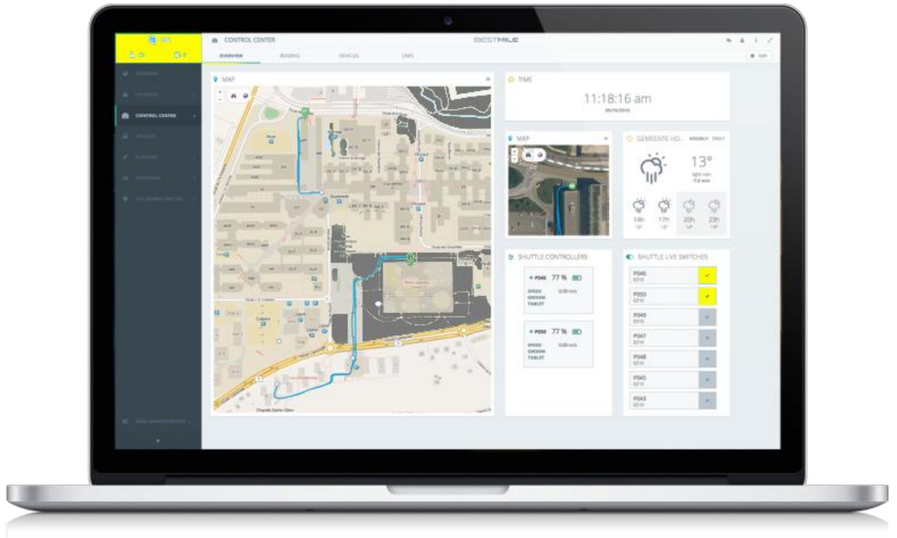
Machine learning optimization: Autonomous self dispatch according to historical data



Back end interface: Management software package

Fleet Management

- Recharging
- Maintenance Planning
- Fleet Sizing



Vehicle Supervision

- Route Optimization
- Load Balancing
- Vehicle Monitoring, incl. emergency handling

System integrations

- Ticketing
- Billing
- Other modes of transportation

AWESOME Services: Turnkey solution

Project Scoping and fleet commissioning

We dive into your application to provide fleet sizing and define the vehicle specifications. We then setup the operation.

We check, inspect and test every operational component and validate the system.

Fleet Operation

We handle fleet operation and vehicles maintenance and provide peace of mind.

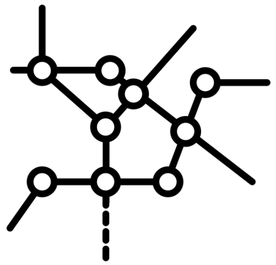
That includes up-to-date, safe and reliable software and emergency services.

Upgrades

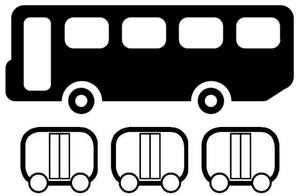
The world is dynamic, so is the system. From fleet mix extension to vehicles upgrades, you are covered.

You are not locked in a rigid configuration or into infrastructure and investments.

Enabling

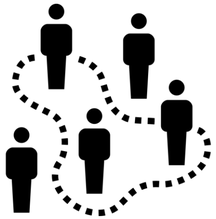


Public transport operators



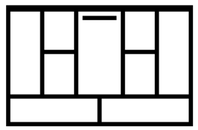
Operational savings

&



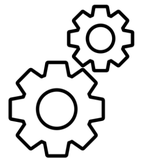
Increased reach

Fleet operators



New business model

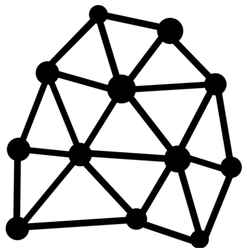
&



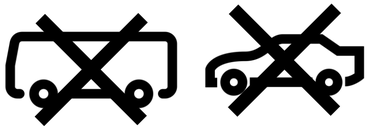
High efficiency

Use cases: Impact scenarios

Extension



Densification



Substitution

Technology partners

SIEMENS

roding

AUTONOMOS®

fortiss

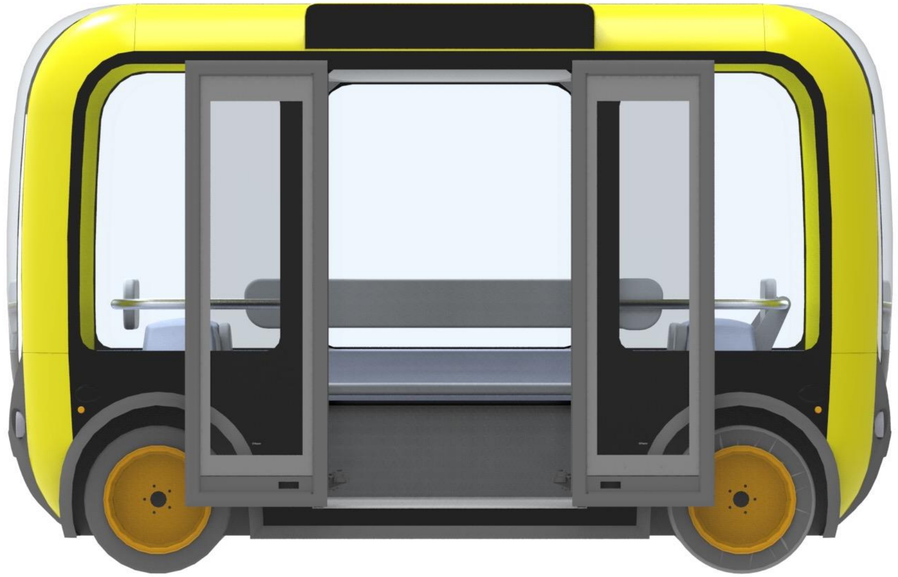
DLR Deutsches Zentrum für Luft- und Raumfahrt

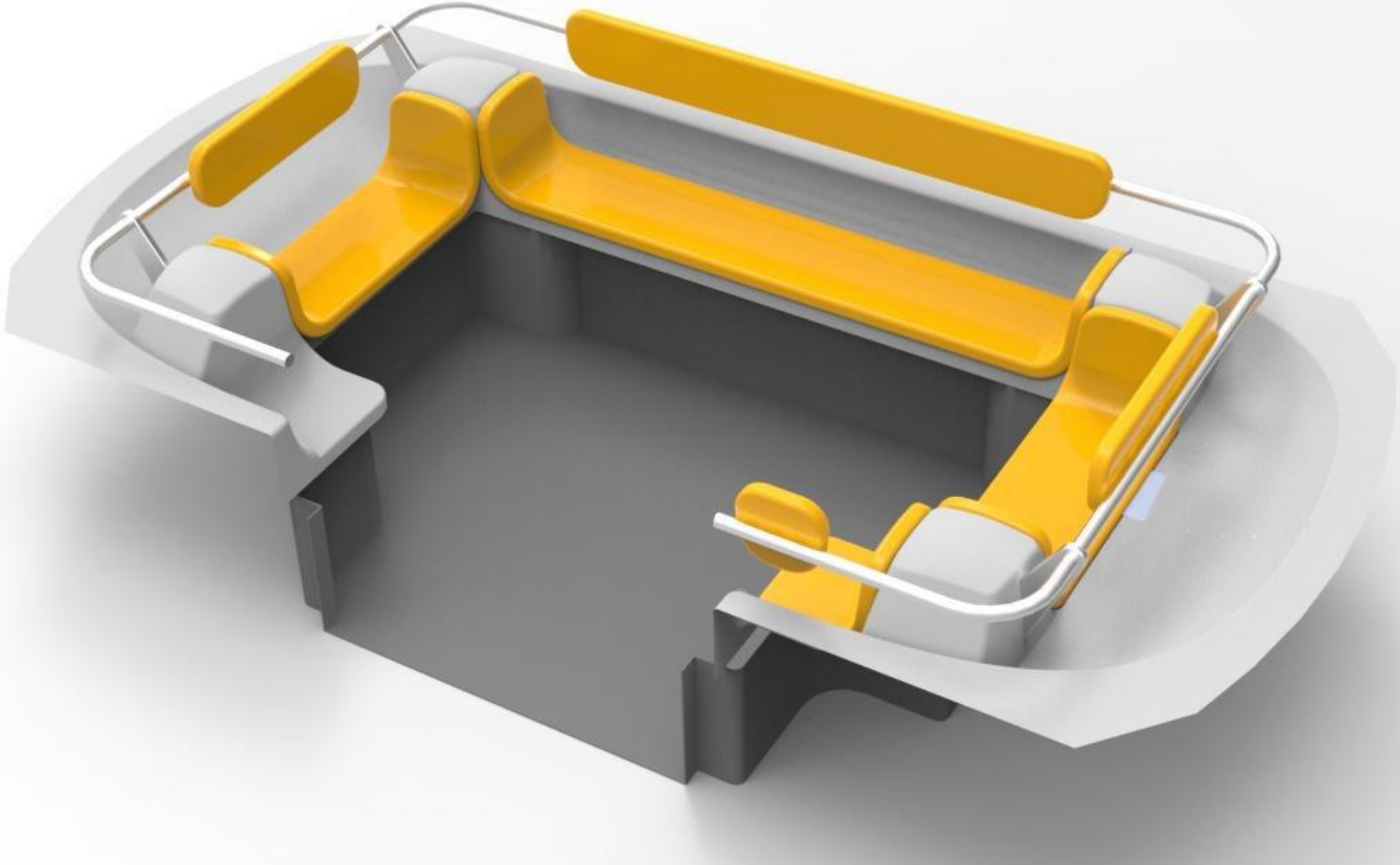
Freie Universität Berlin

IBM®

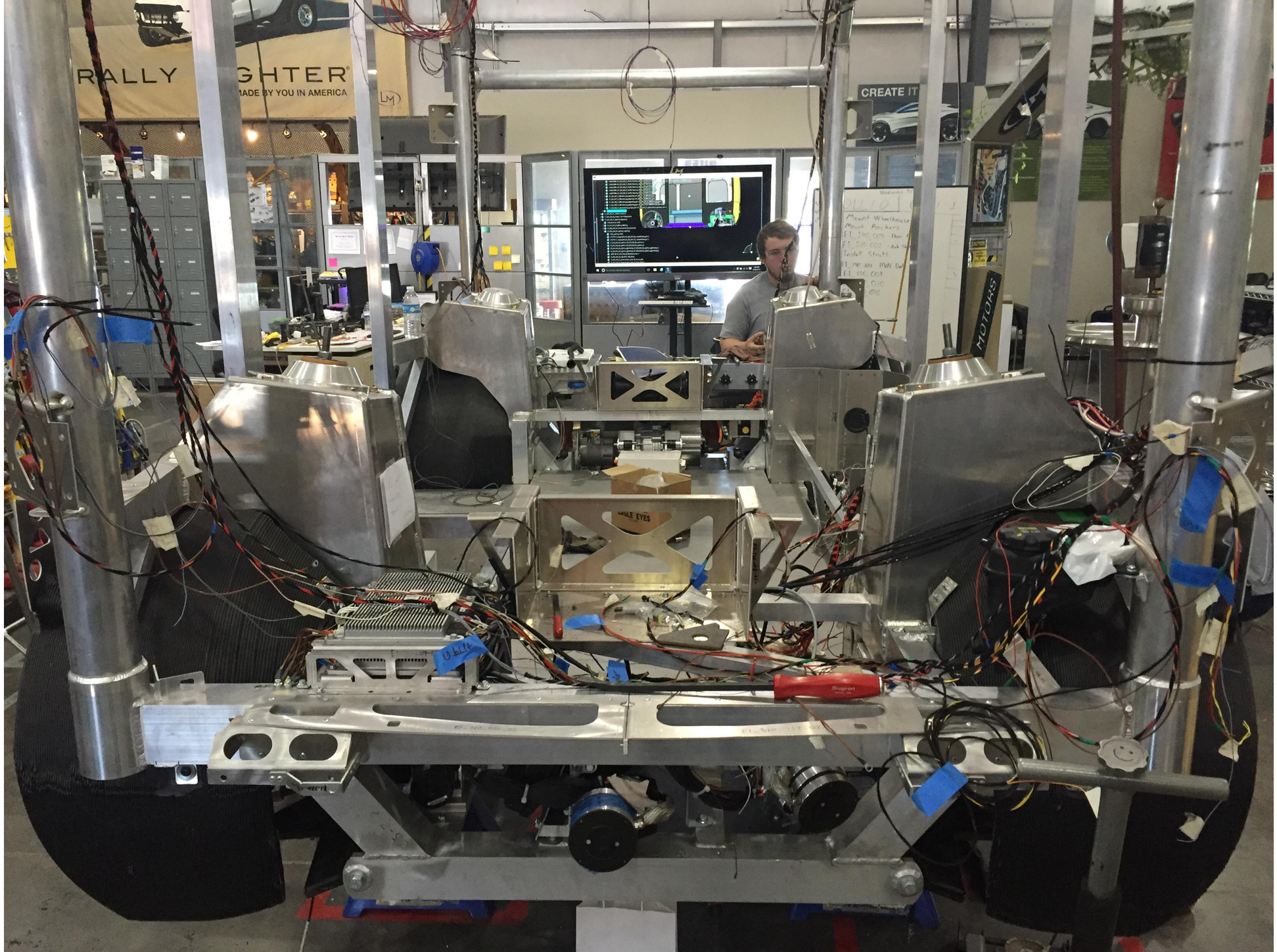
TÜV

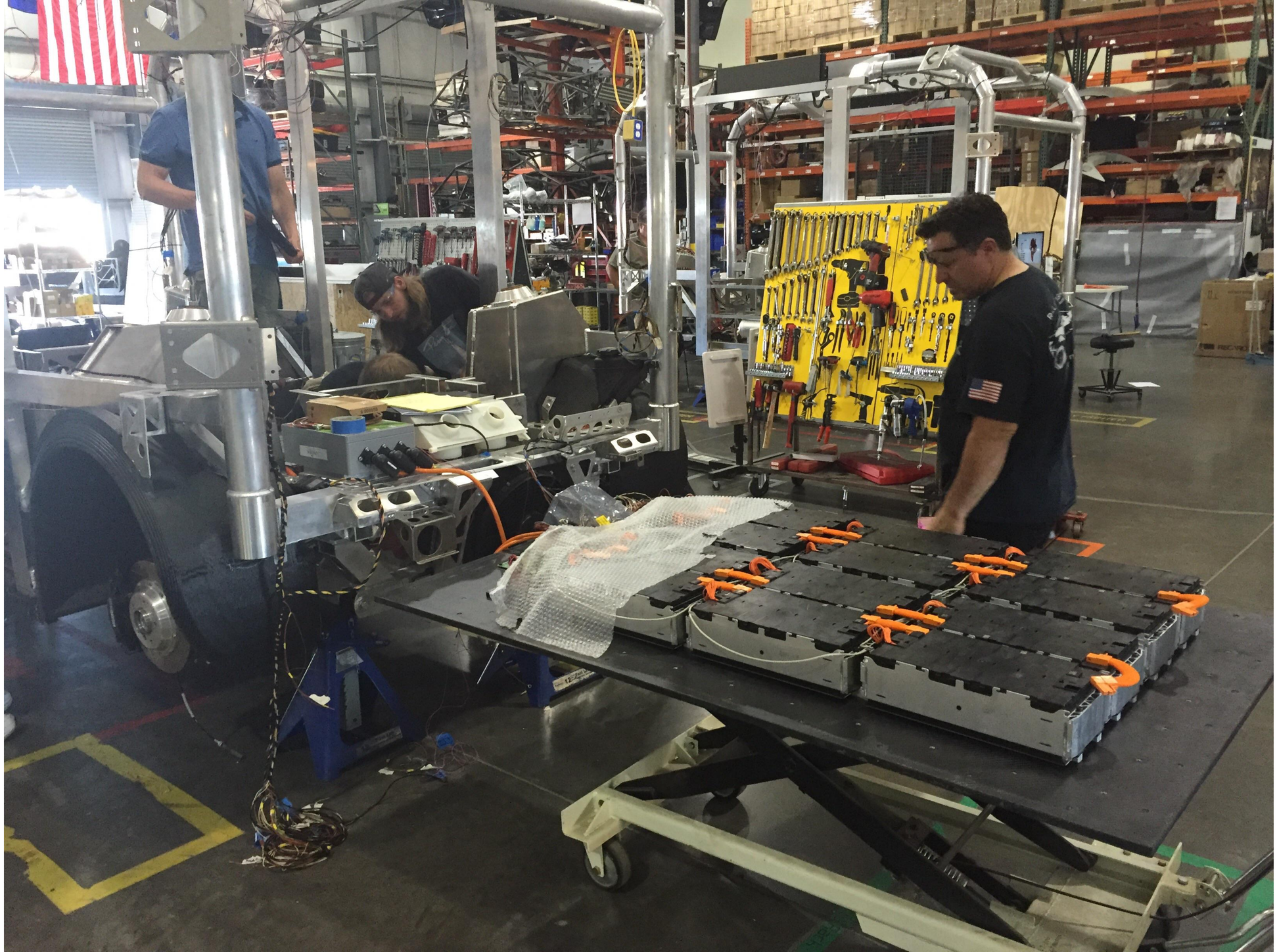
BESTMILE
THE MISSING LINK

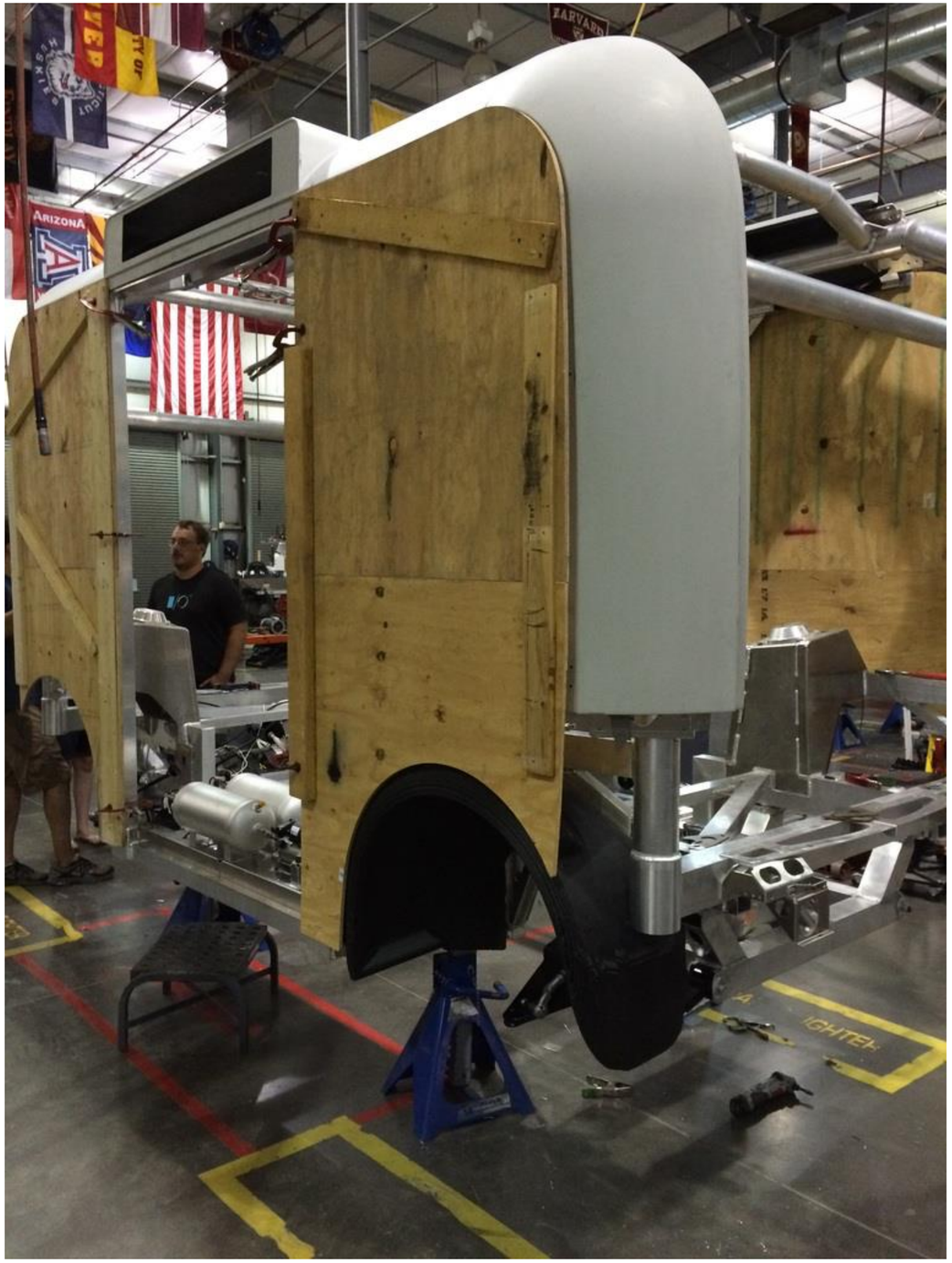


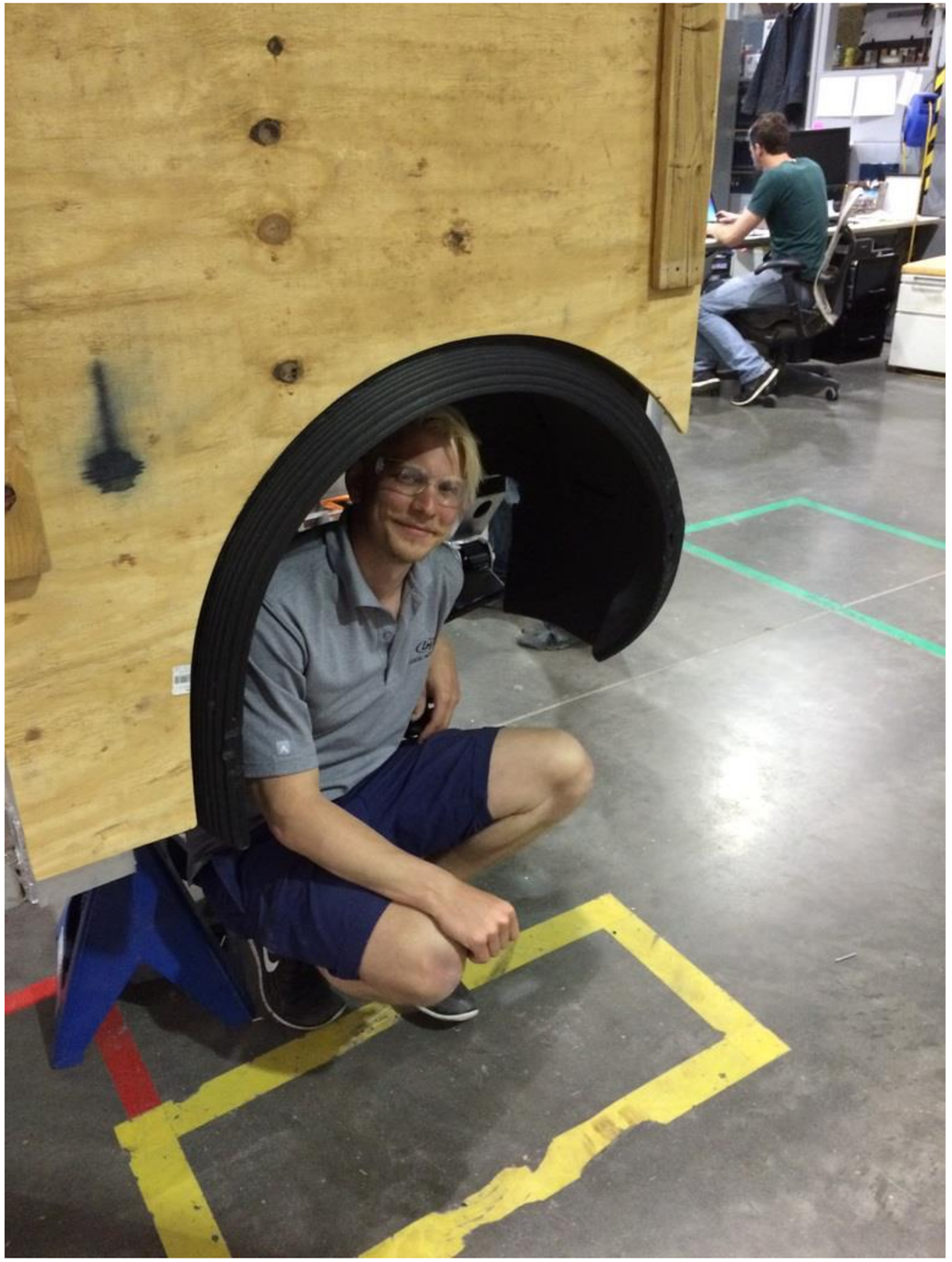


ARIZONA
UNLV
FIXED RIGHT
THE FIRST TIME

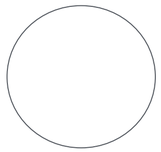

RALLY
GHTER
MADE BY YOU IN AMERICA
CREATE IT
MOTORS




ARIZONA

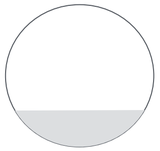


Development and industrialization roadmap



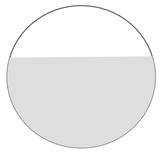
Development

Edgar08 Mule delivery
June 2016
Testing and refinement
Jun. 2016 - Sept. 2016



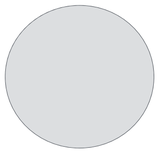
Pilot production

MVP batches production in Local Motors Lab
Fast iterations on vehicles Design and production processes development
Sept. 2016



Industrialization

Site selection
Direct Digital Manufacturing processes setup
Pre-production batch
2017



Production capacity

Microfactory production capacity
2018

System expansion: The Edgar08 is the first of many vehicle types

Personal or individual

Edgar 02
Getting around - hassle free

Exclusive mobility

Utilitarian

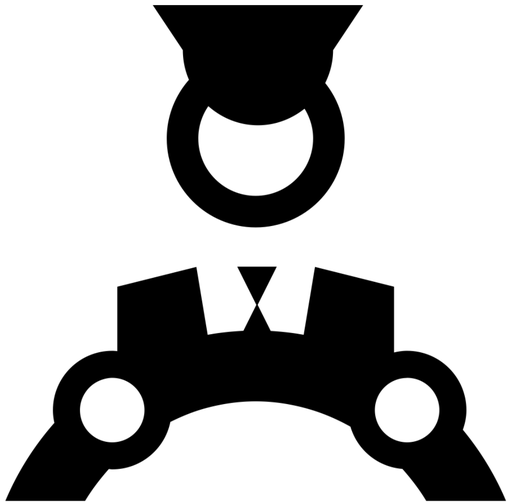
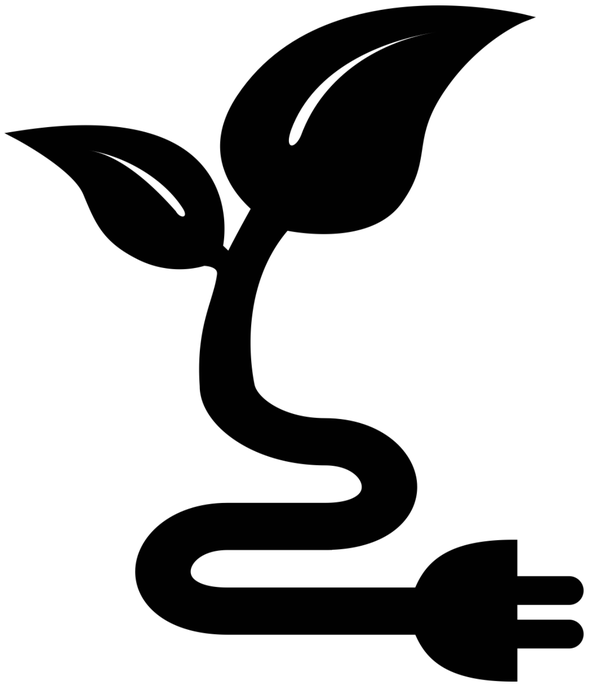
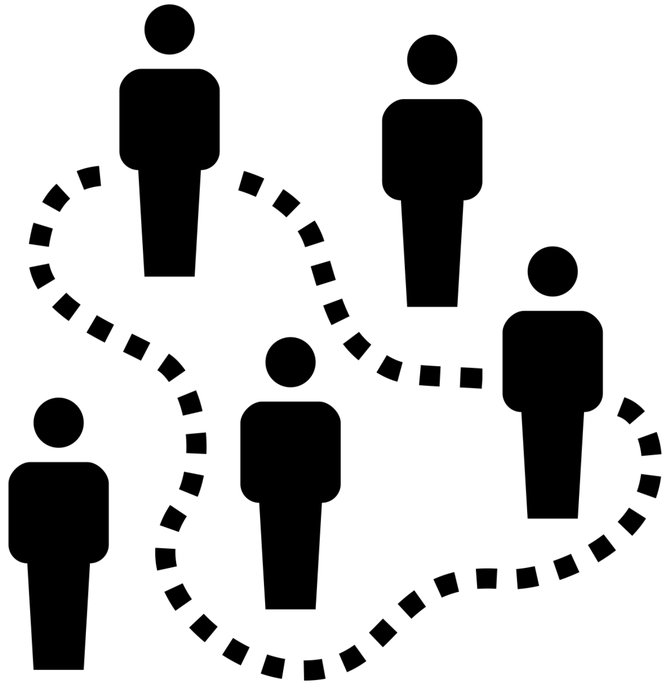
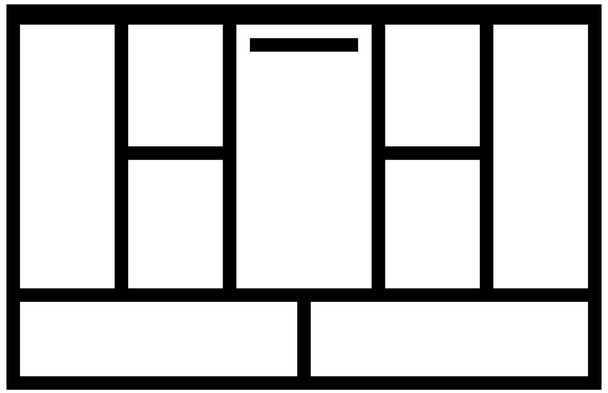
Exclusive

Enhanced commuting

Mass / Bulk transport

System upgrades: Vehicles variances - Edgar Cargo (Logistics application)

LOCAL MOTORS™

Vehicle ownership is not going away

It will become an expensive hobby