

MODULE 3: SUSTAINABLE MOBILITY

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PROF. DR.-ING. JÜRGEN HAAG

FACULTY OF

MOBILITY AND TECHNOLOGY



**FUTURE
MOBILITY**



MODULE SUSTAINABLE MOBILITY

Contents:

Virtual Phase
September, 1st/2nd

Literature research:

What does sustainable mobility actually mean?
Developing a common understanding...

Physical Phase
September,
8th-19th

Lectures, workshops/group work:

Current development trends in mobility.
The way to more sustainable mobility
for air, water, rail, and (primarily) road transport.

Lectures and discussion:

Battery Electric Vehicles (BEVs):
The right path to sustainable mobility?

Virtual Phase
September, 27th

Exam:

Open book, 90min

MOBILITY

<->

SUSTAINABILITY

Mobility is a basic human need...

No public/private transport is currently sustainable...

Walking/Running?

“Running shoes leave a huge carbon footprint”
(Wirtschaftswoche, 28.5.13)

→ The realistic goal is to make mobility more sustainable step by step!

WE DISCUSS DIFFERENT APPROACHES ...

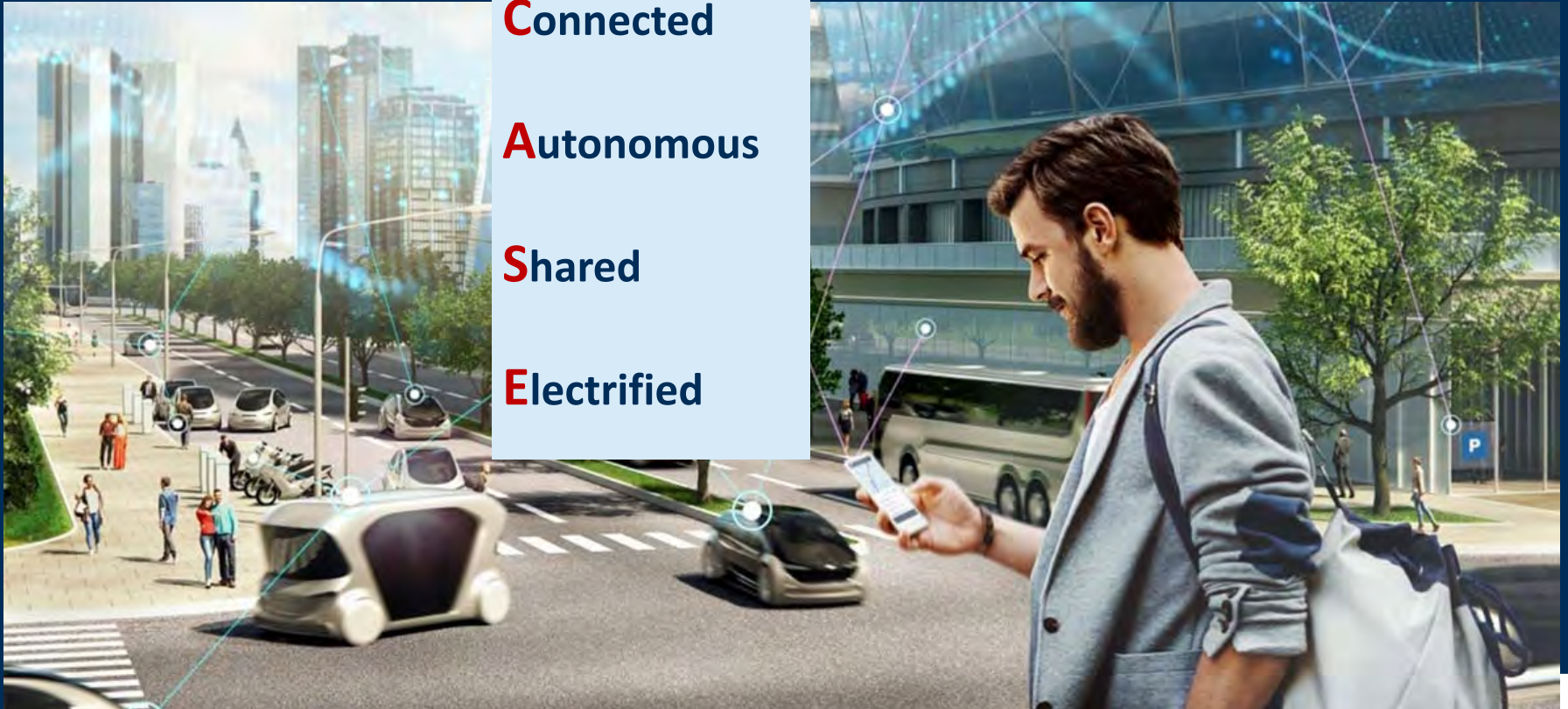
MOBILITY TRENDS ...

Conected

Autonomous

Shared

Electrified



WE DISCUSS DIFFERENT APPROACHES ...

ENERGY FOR MOBILITY ...



CHARGING INFRASTRUCTURE...

EnBW HyperNetz



E.G. PORSCHE, PATAGONIA





NEW MOBILITY CONCEPTS ...



MODULE SUSTAINABLE MOBILITY

Questions?

