

MOBILITY CHALLENGES IN HAMBURG

... AND HOW WE DEAL WITH THEM.

ITS WORLD CONGRESS 2021 IN HAMBURG
11 - 15 October 2021

Mai 19 | Berlin

WE ANALYZE...



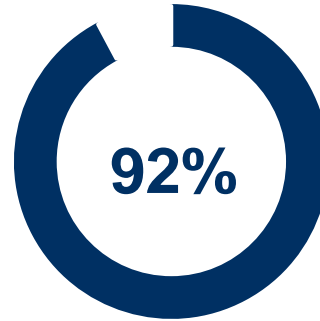
... THE MOBILITY CHALLENGES

1.3 million

Road traffic deaths
occur each year

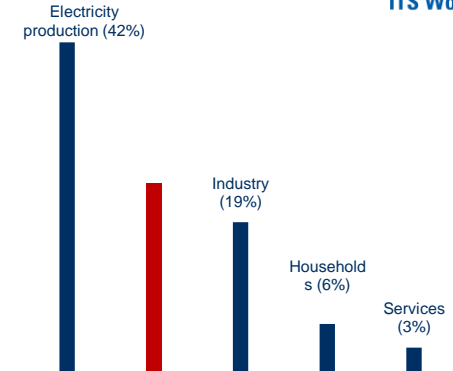


... and **94%** of accidents are
caused by **human error**



Time typical European
car is parked

... and **34%** of the usage time of this typical
European car is either spent in **traffic
jams** or looking for **parking**



24% of global energy-
related CO₂-emissions
result from transport

Road traffic deaths: <http://apps.who.int/gho/data/node.main.A997>

Human accidents: <https://crashstats.nhtsa.dot.gov/Api/Public/ViewPublication/812115>

Typical European car usage: Growth within: a circular economy vision for a competitive Europe

CO₂ emissions: <https://de.statista.com/statistik/daten/studie/167957/umfrage/verteilung-der-co2-emissionen-weltweit-nach-bereich/>

WE FOCUS ...



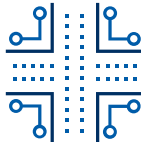
... ON NEW MOBILITY TOPICS



**Automated &
Connected
Driving**



**Ports
& Logistics**



**Intelligent
Infrastructure**



**MaaS
(Mobility
as a Service)**



**Urban Air
Mobility**

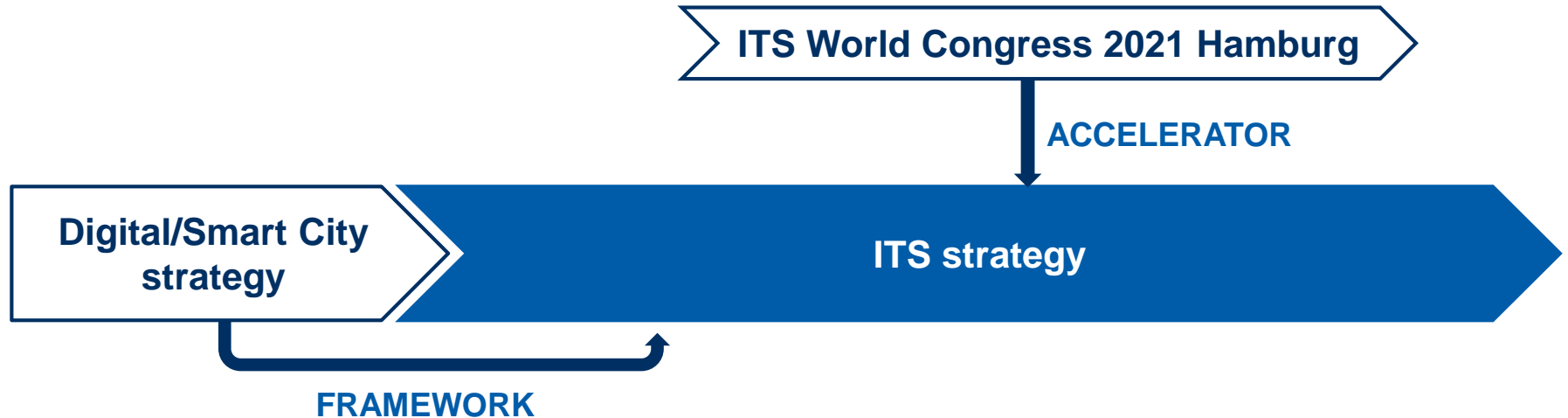


**Sustainable
Transport**

WE ACCELERATE ...



...WITH OUR ITS WORLD CONGRESS





HAMBURG
ITS World Congress
11 - 15 Oct 2021

Experience Future Mobility Now

WE TEST...



... NEW SOLUTIONS.

Test Track Hamburg automated and connected driving

- » Length: 9km
- » City centre test course
- » Fully equipped with ITS-G5
- » Independent of specific OEMs
- » Option to implement a 5G testfield



WE COLLABORATE ...



... WITH OTHER CITIES.

5G Campus digital Corridor Magdeburg

- » New test area for several digital topics
- » Building a fully equipped 5G area till 02/20
- » searching for cooperations for new use cases in e.g. industry 4.0, autonomous driving, machine communication, eHealth,...



WE CONNECT...
... WITH YOU?



Hamburg

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Hamburg