Future visions of Super Intelligent Transportation

Marie-Pauline van Voorst tot Voorst

STT Netherlands Study Centre for Technology Trends

CRITIS, September 16, 2013

Overview

- STT Netherlands Study Centre for Technology Trends

- Foresight study Super Intelligent Transportation

  - Context

  - Building blocks

  - 3 transportation concepts

STT Netherlands Study Centre for Technology Trends
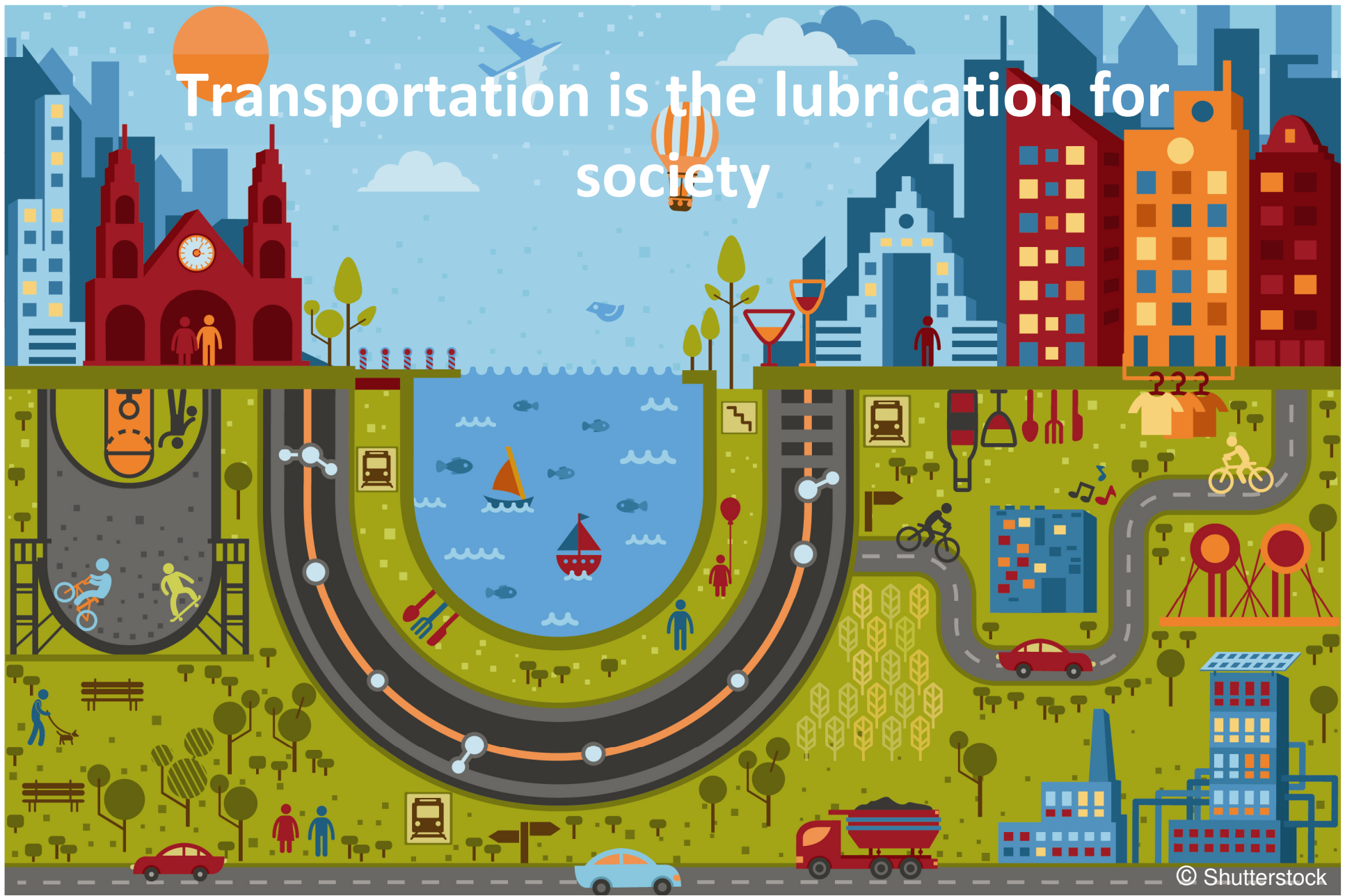

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Omgekeerd denken

- Independent, since 1968

- STT develops inspiring visions on the future of technology and society.

- STT creates a free space in which stakeholders from industry, government, knowledge institutions and NGOs meet each other.

Transportation is the lubrication for society

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Need for transportation changes

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Ease

Technology changes the mode and need for transportation

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Transportation on Demand
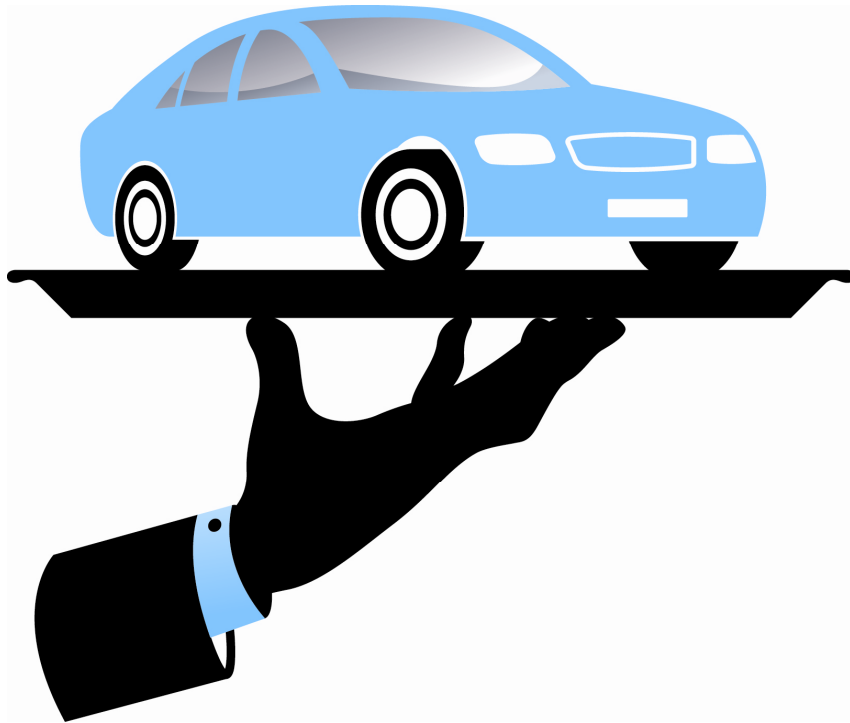
- Consumers no longer own means of transportation.

- Companies offer individual transportation services.

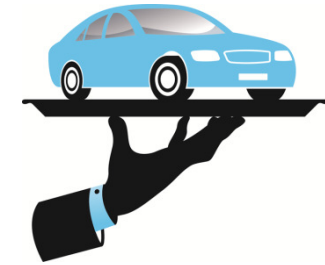- Autonomous transportation: Transportation at your service.

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What is already present on a small scale?

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Pick Me Up!
An autonomous car in action
www.autonomos-labs.com

File Alarm
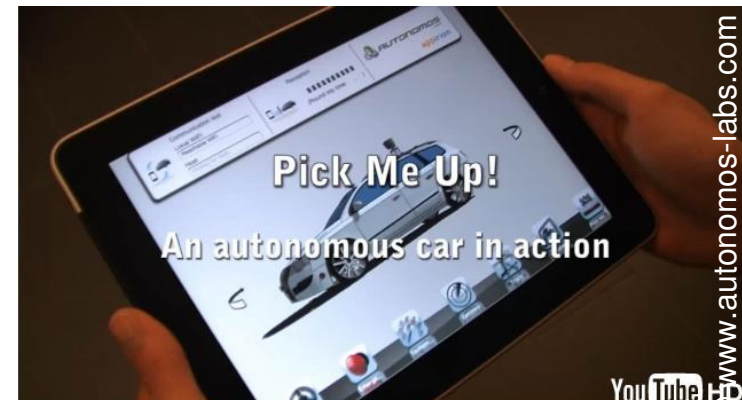
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Interaction with society
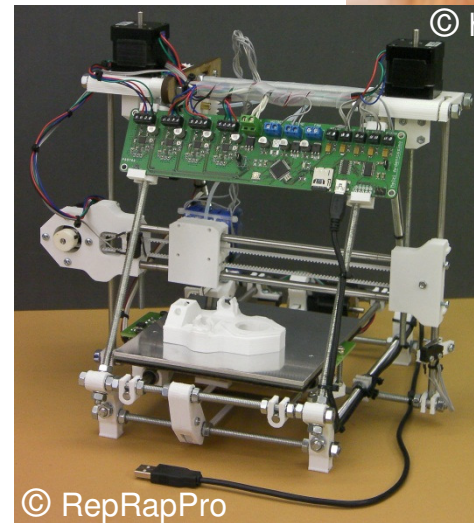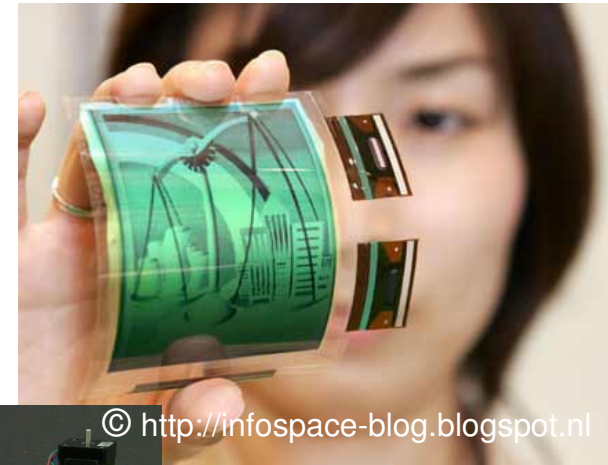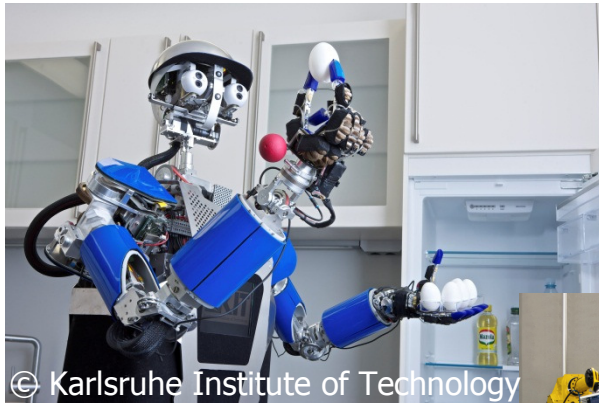

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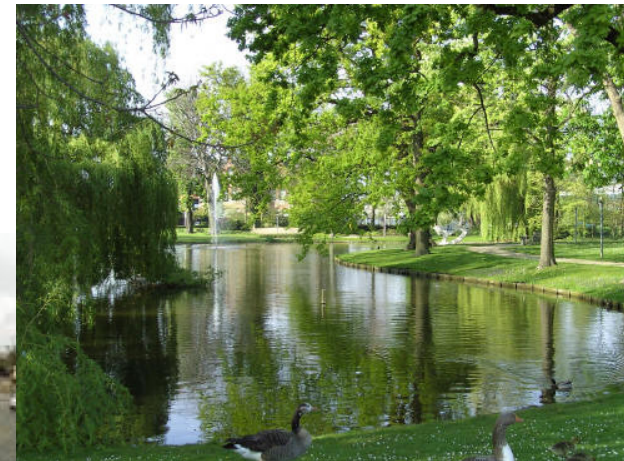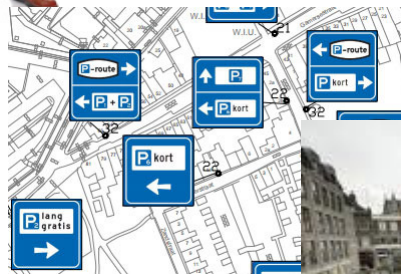
'Non-Transportation'

- Virtual travelling is a large scale and full alternative to physical travelling.

- Always at home:
  the 'home traveller'.

- Always on the move:
  the new nomad wanders around in his own cocoon.

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What is already present on a small scale?

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Interaction with society

ICT infrastructure

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Telepresence Café

No men in sight

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- Endproducts find their way to the consumer autonomously.

- Smart agents take care of logistic handling.

Main findings

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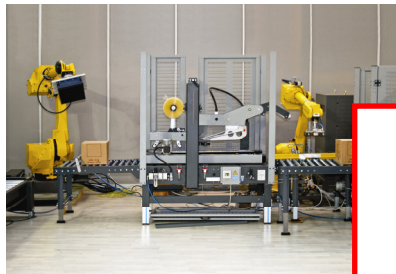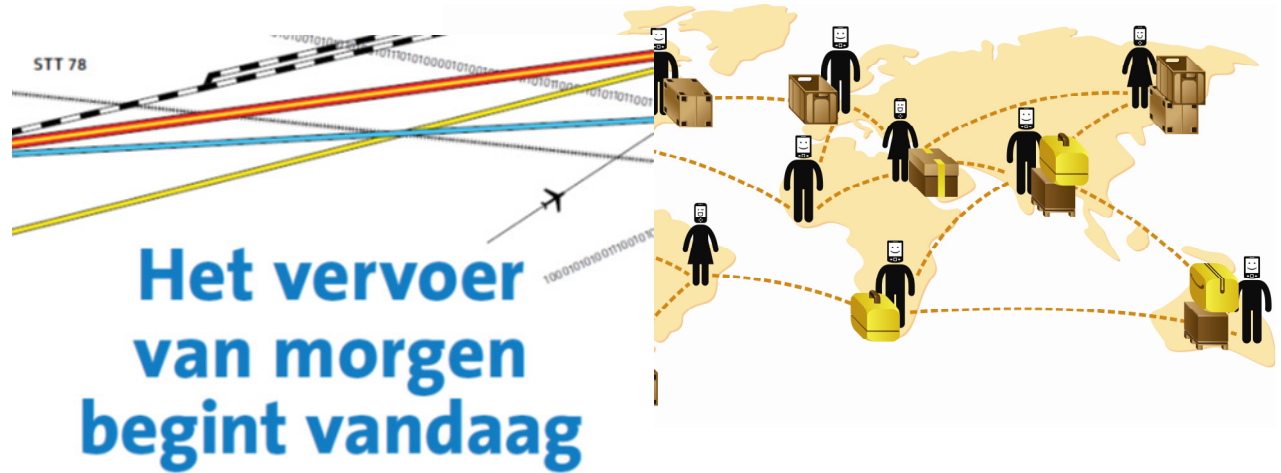

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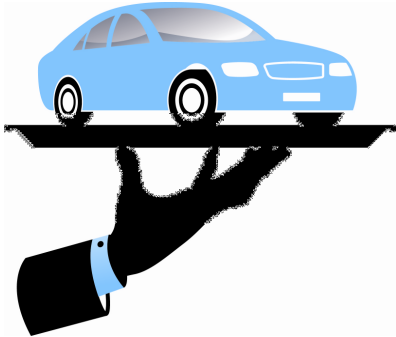
- Individuals will increasingly take a central position in the transportation system.

- Technology will offer solutions for individual and societal issues related to transportation.

- Typically, no adequate attention is paid to the interrelationship between transportation and society.
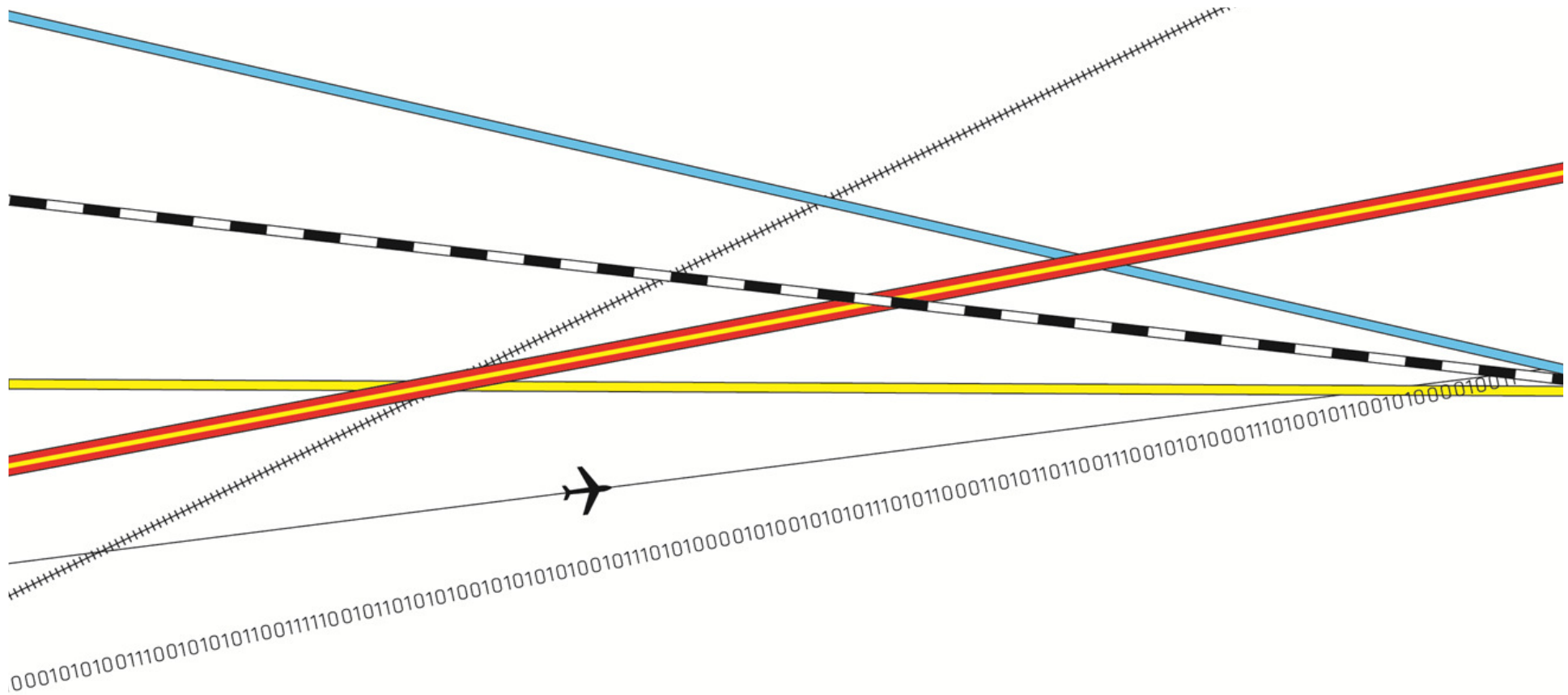
English extended summary
to be available soon

Het vervoer
van morgen
begint vandaag

Stichting Toekomstbeeld der Techniek

STT 78
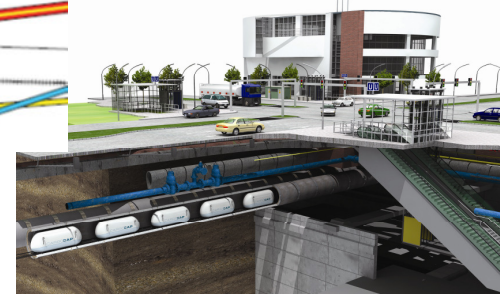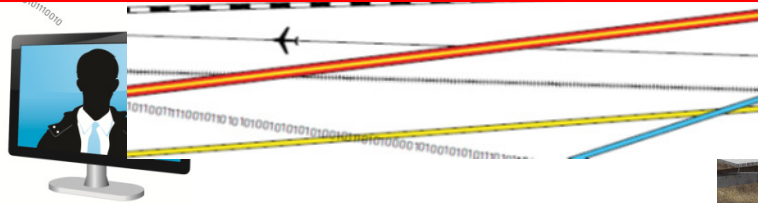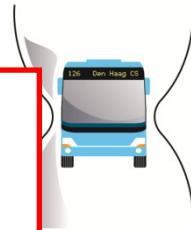
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