From technology to mobility solutions
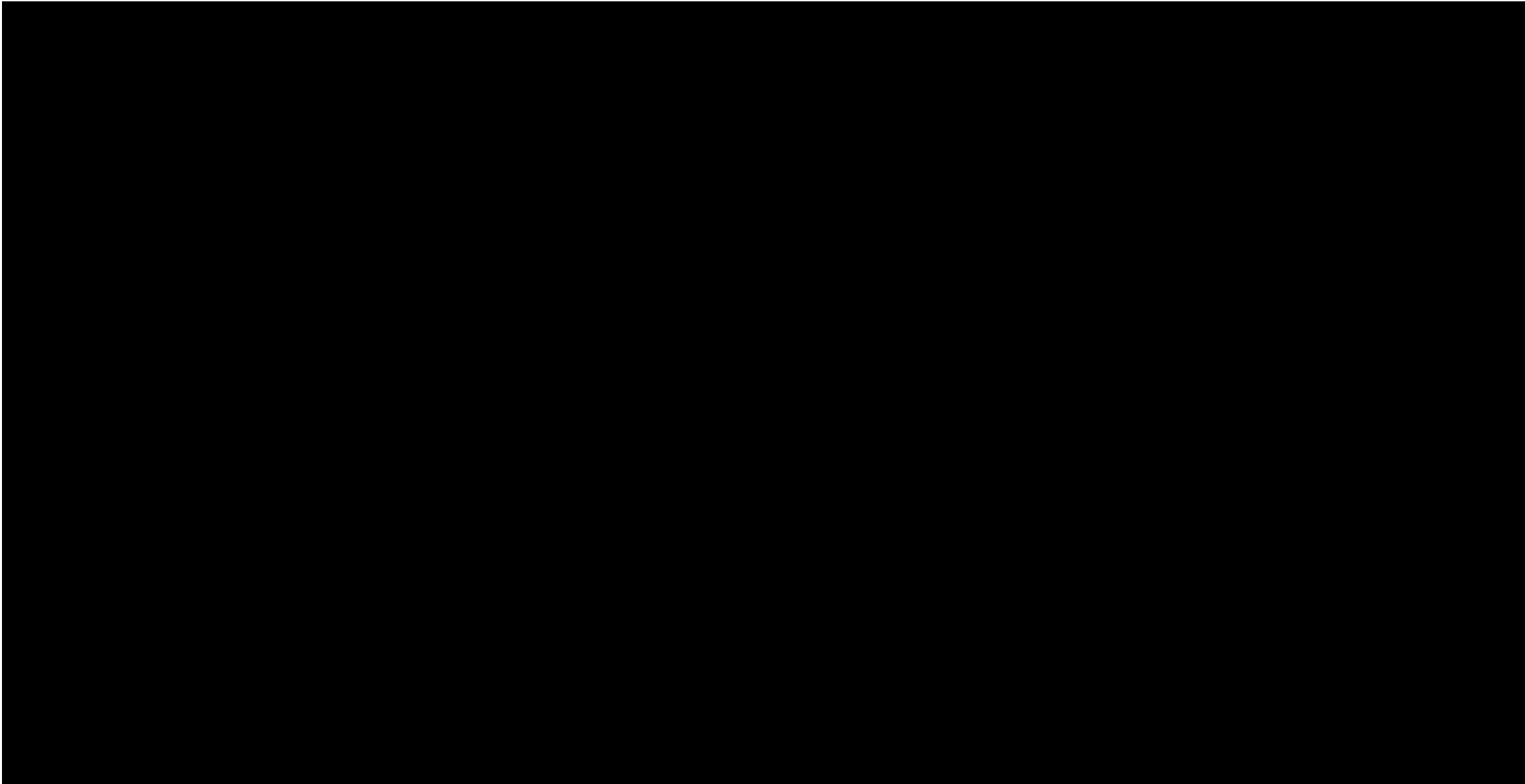# Living Lab SMC Helmond
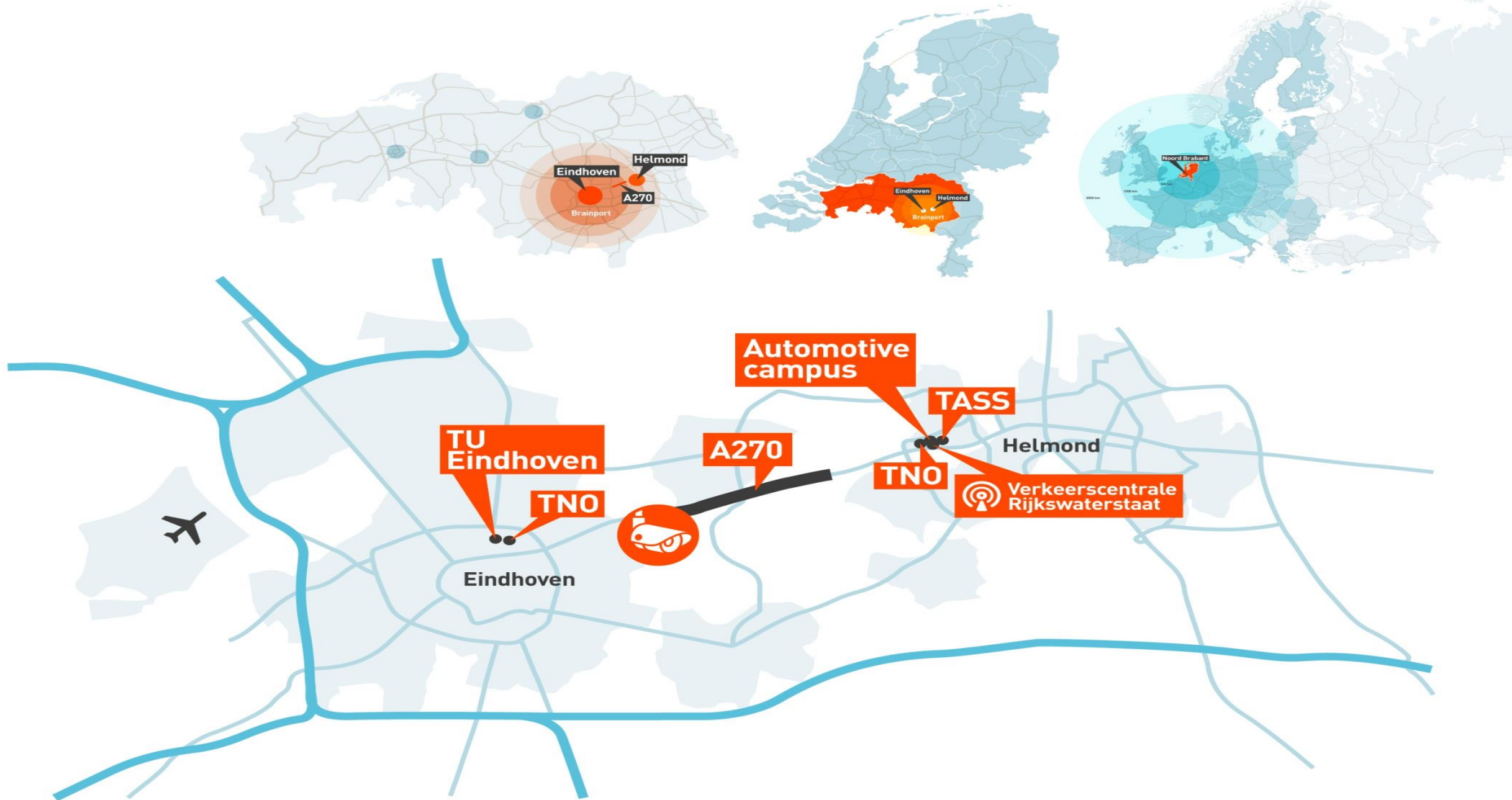
Gert Blom
Smart Mobility Coordinator - city of Helmond

Stavanger 26 September 2018
Nordic Edge Conference Stavanger – Polis Mobility Session

- Film Driven website.mov

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Gemeente Helmond

Eindhoven • Helmond • A270 • Brainport • Noord Brabant

Automotive campus

TU Eindhoven

TNO

A270

TASS

Helmond

TNO

Verkeerscentrale Rijkswaterstaat

Eindhoven

Mobility policy Helmond

Helmond Mobiel 2015
Integrale mobiliteitsvisie 2015

HELMOND VERBONDEN
Mobiliteitsvisie 2016-2025

**Optimizing the use
of existing infrastructure**

**Urban traffic solutions
technology driven: ITS**

**Active support of smart
mobility pilots and
showcases**

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Helmond A270 Living Lab ITS

Grand Cooperative Driving Challenge

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FREILOT: Energy Efficient Intersection Service
The example of Helmond (NL)

Source: FREILOT project

14 equipped intersections in urban zone

Period	Number of crossings	Number of stops	% of stops
Baseline	408	52	13%
Pilot	343	20	6%

Number of crossings and stops in both periods

	Baseline	Pilot	Rate of change
CO_2 emissions (g/km)	644	562	-13%
NO_x emissions (g/km)	3.87	3.33	-14%
Fuel consumption (l/100km)	24	21	-13%
Speed (km/h)	35	36	+2.6%

Emissions, consumption and speed variations

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From C-ITS- technology to mobility solutions
the deployment challenge

✔ **Technology**
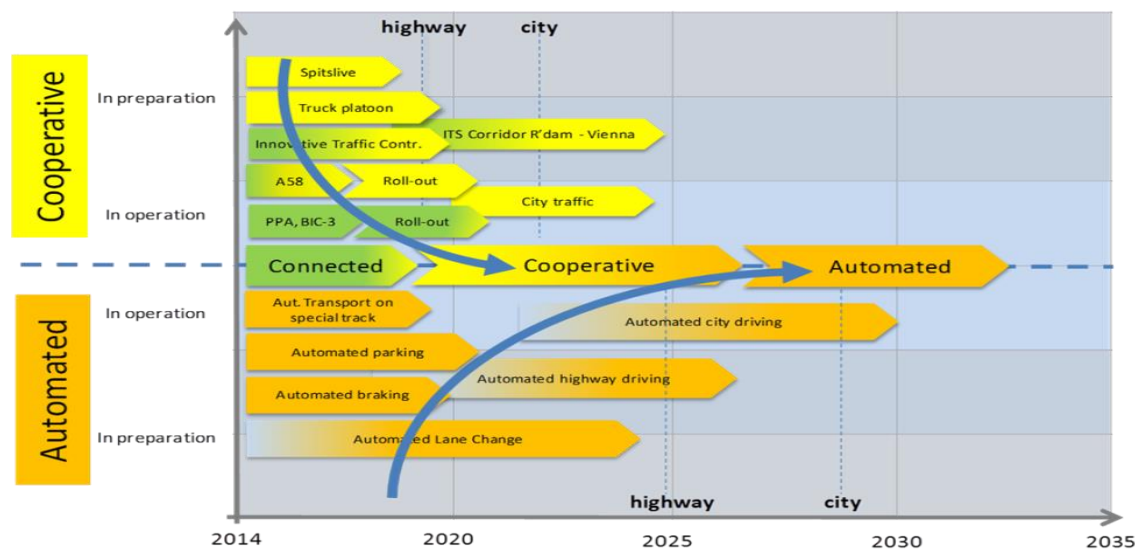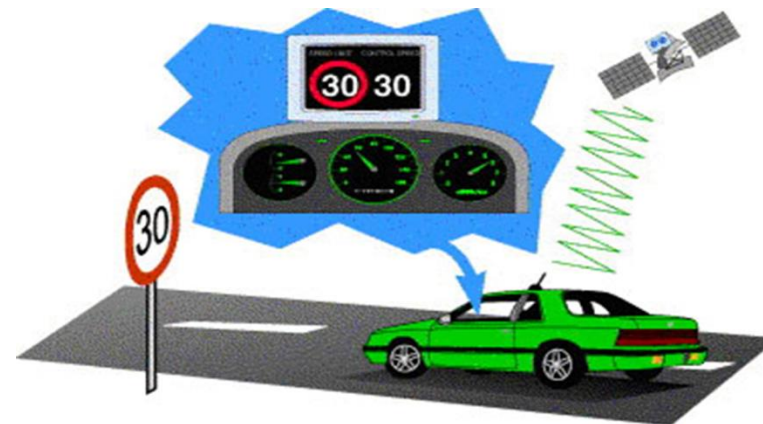
✔ **Policy**

✖ **Business-models: economies of scale**

✖ **General Acceptance**

✖ **Proof of Evidence**

✖ **Cyber Security**

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Next ITS steps for Helmond …

➢ ITS for Road Safety : ISA Initiative

➢ Contribute to large scale deployment of C-ITS
  ➢ EU- Projects **Compass4D**, **C-Mobile, C-TheDifference, CAPITAL**

➢ Prepare for introduction and transition towards automated vehicles
  ➢ EU- Projects **MAVEN, AUTOPILOT, CoEXist, FABULOS, SECREDAS**

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From ITS technology to mobility solutions
How can Polis help SMC Helmond

- Deployment: match-making between SMC's to share knwowledge & best practices: ambassadors

- Road Safety: support ISA-initiative

- Automated Driving: support impact studies transition period - policy not first priority

- Promote & support ITS European Congress 2019 ☺

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ITS EUROPEAN
CONGRESS
3-6 JUNE 2019

13th ITS EUROPEAN CONGRESS
FULFILLING ITS PROMISES

Brainport, the Netherlands | 3-6 June 2019

For more information

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13th ITS EUROPEAN CONGRESS

FULFILLING ITS PROMISES

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