



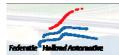
Selection of areas with opportunities

Focus and ambition

Vision and strategic agenda

Innovationprogramme

d by the Ministry of Eco



Innovation in

dialogue

High Tech Automotive Systems

HTAS Innovation programmes

- Food and Nutrition Delta
- High Tech Automotive Systems (HTAS)
- High Tech Systems and Materials
- Chemistry
- Life Science and Health
- Maritime
- Point One (nano-electronics and embedded systems)
- Watertechnology





- Start in 2007, with a duration of 4 years
- Total input 158 M€ from all stakeholders
- 42 M€ from Ministry of Economic Affairs
- R&D programme
- Enabling programme (Education, Knowledge transfer and Business Support)

High Tech Automotive Systems

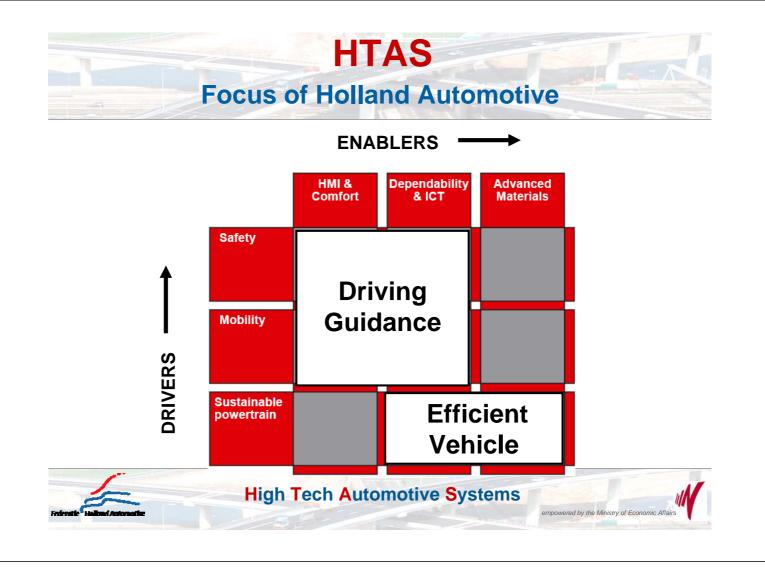


- 20% reduction of fuel consumption + CO2 for HD-vehicles
- 25% reduction of travelling time
- Increased traffic safety
- More jobs (+ 10.000 FTE)
- Growth of turnover from 12 Billion € to 20 Billion € in 20105

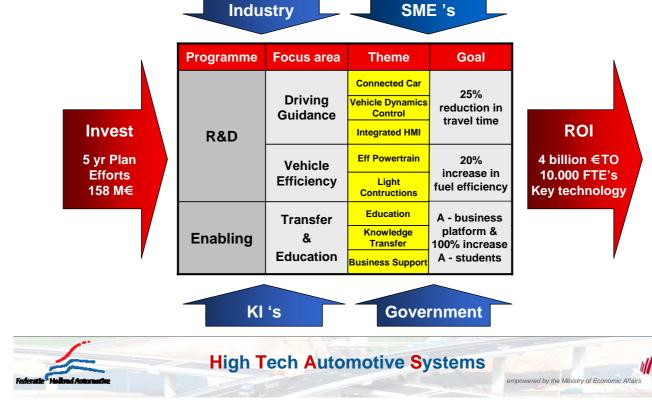


HTAS National cluster overview











The R&D programmes

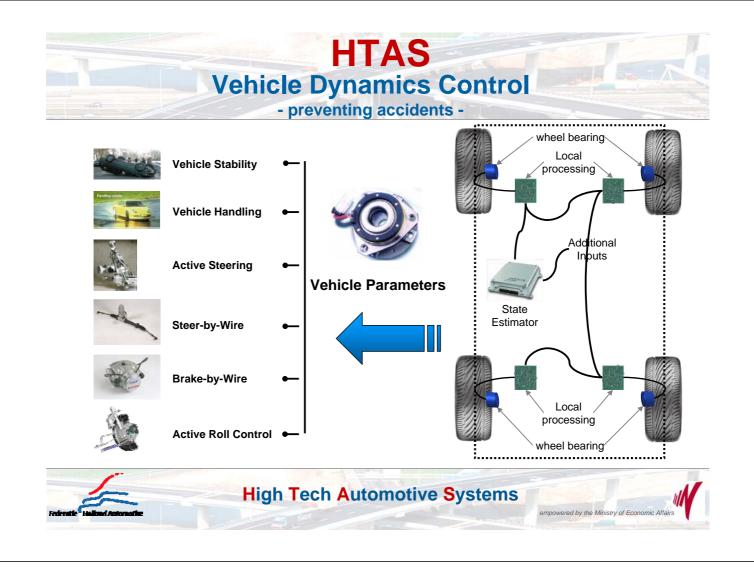




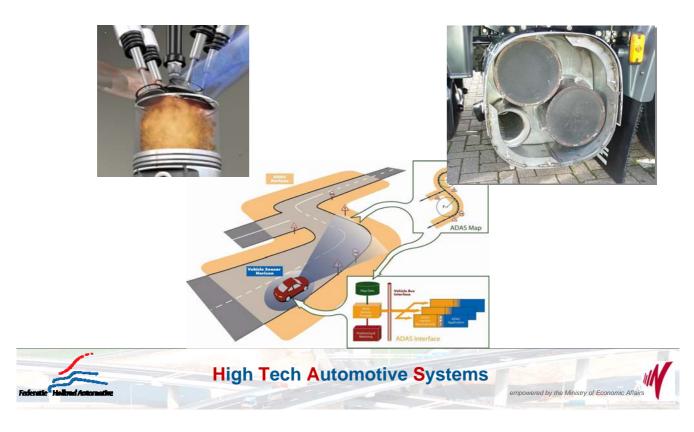
Closed in-car environment will be opened up with 2-way communication













HTAS International Innovation projects

- International cooperation (~25% foreign partners)
- Product- or process-innovation
- Max. 1 M€ contribution
- Eureka label

HTAS Breaktrough projects

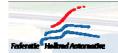
- Min. 1 Research institute and 1 SME
- Multidisciplinary, breakthrough technologies
- Max. 2 M€ contribution





More information <u>www.htas.nl</u> <u>www.senternovem.nl/automotive</u>

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High Tech Automotive Systems