



# Hydrogen infrastructure

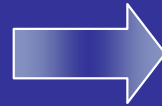
Hamburg May 11, 2006

Ulf Hafsel, Business Development Manager

Oil & Energy, New Energy

# From Industrial Product to Vehicle Fuel

- In CUTE we are trying out prototypes of new technology based on knowledge from the industry



- New challenges and new requirements for the new segment

# On-site production

With hydrogen as a fuel, we can:

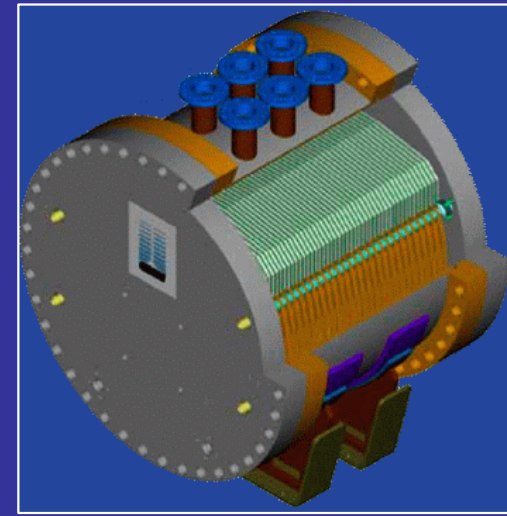
- Produce locally – without any transportation of fuel
- Zero emission production
- Use existing infrastructure – water and power
- Automate and remotely control the production



**Fuel on demand - a disruptive technology?**

# Learning from CUTE gives input to next generation equipment

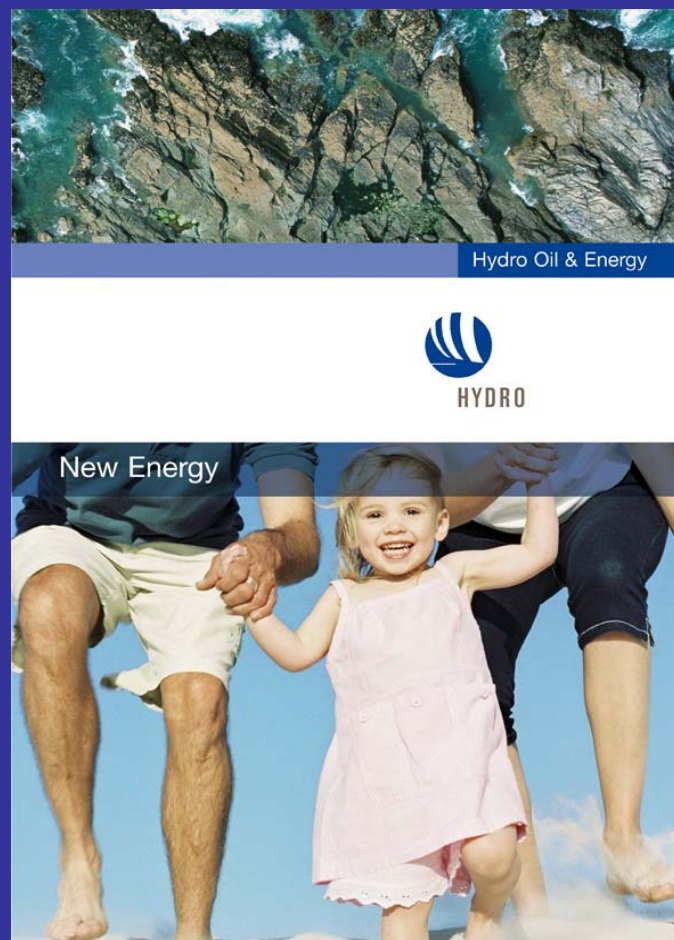
- Develop new solutions for the transportation segment
- Improve efficiency and reliability
- New project with larger series of vehicles gives new challenges



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**HYDRO**

Progress of a different nature