International Partnership for Hydrogen and Fuel Cells in the Economy

Update on Hydrogen and Fuel Cells Activities in France

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Policy

- France is developping its energy strategy
- The share of renewable energies should significantly increase to reach EU 2020 goals
- Economic growth an creation of Jobs are the major goals of the government
- Clean technologies, energy efficiency and sustainable transport are the focus of the action plan



Investment

- 34 Billions Euros will be invested in the public domain to prepare France to a new economy
- 3.6 Billions Euros will be devoted for sustainable technologies
- 1.6 Billions Euros for decarbonated and renewable energies.
- - 1 Billion Euros for transport (750 M€ for ground transport).



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Strong support for electric cars





A Hydrogen Platform has emerged

- HYPAC is a group of 70 members from research, industry, regions
- A vision paper has been sent to government
- Developping a long term action plan and finance demonstration projects is the next step
- ADEME is in charge of the follow-up and of the implementation
- The future of Hydrogen and fuel cells will depend on ANR and ADEME analyses



Five markets are considered in France

- Clean hydrogen production for industry (chemistry, synfuel, biofuels, oil refineries, cement, steel, ...)
- Hydrogen as a temporary storage for increasing the share of renewable energies or direct use (Mix with natural gas, biogas,...)
- Stationary
- Transportation and niche markets
- Automobile



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Fuel Cells are now advertized as solutions for the future in French newspapers







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