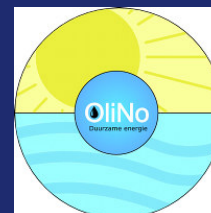


Energyhouse

- independent zero emission solutions -

Presentatie voor Jeroen van Agt en Marcel vdr Steen

Cees Collart



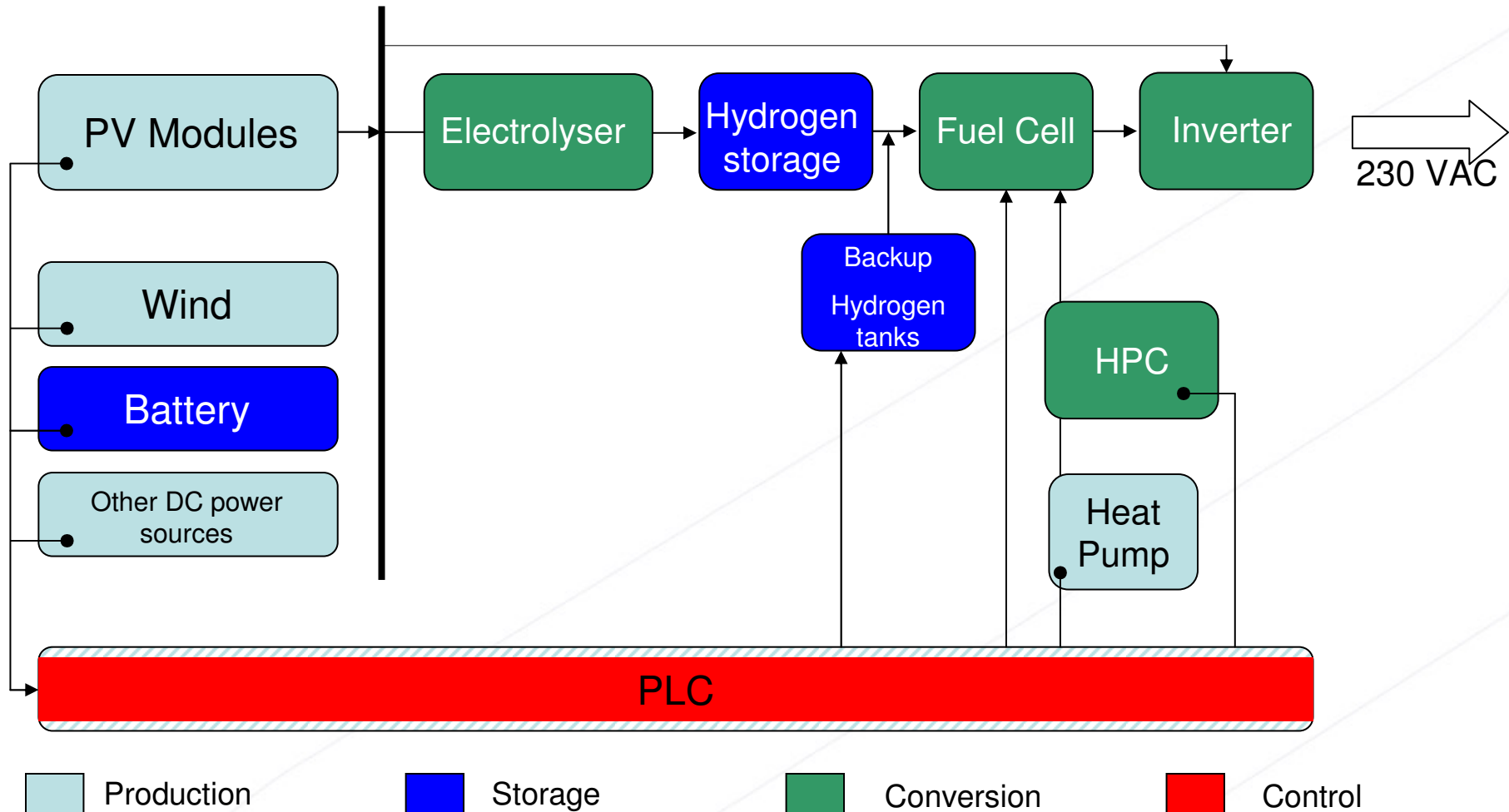
7-2-2008

- 2 years ago
- OTB's Mr Ron Kok Technology Pioneer at WEF in Davos
- Expressing disappointment about energy-politics and energy-inefficiency
- Vision: from central to decentral power generation, per individual (group of) house(s)
- Independent from gas- and electricity network
- Carbon free

- Fossil fuels limited and expensive
- Sun and wind unlimited and for free
- Solution in that area
- Technology proven, but not optimised, nor integrated

- Research, development, testing, building
- No 1 supplier of decentral and integrated solutions for the generation, storage and supply of home-energy
- 100% based on renewables
- 100% Carbon free
- 100% independent

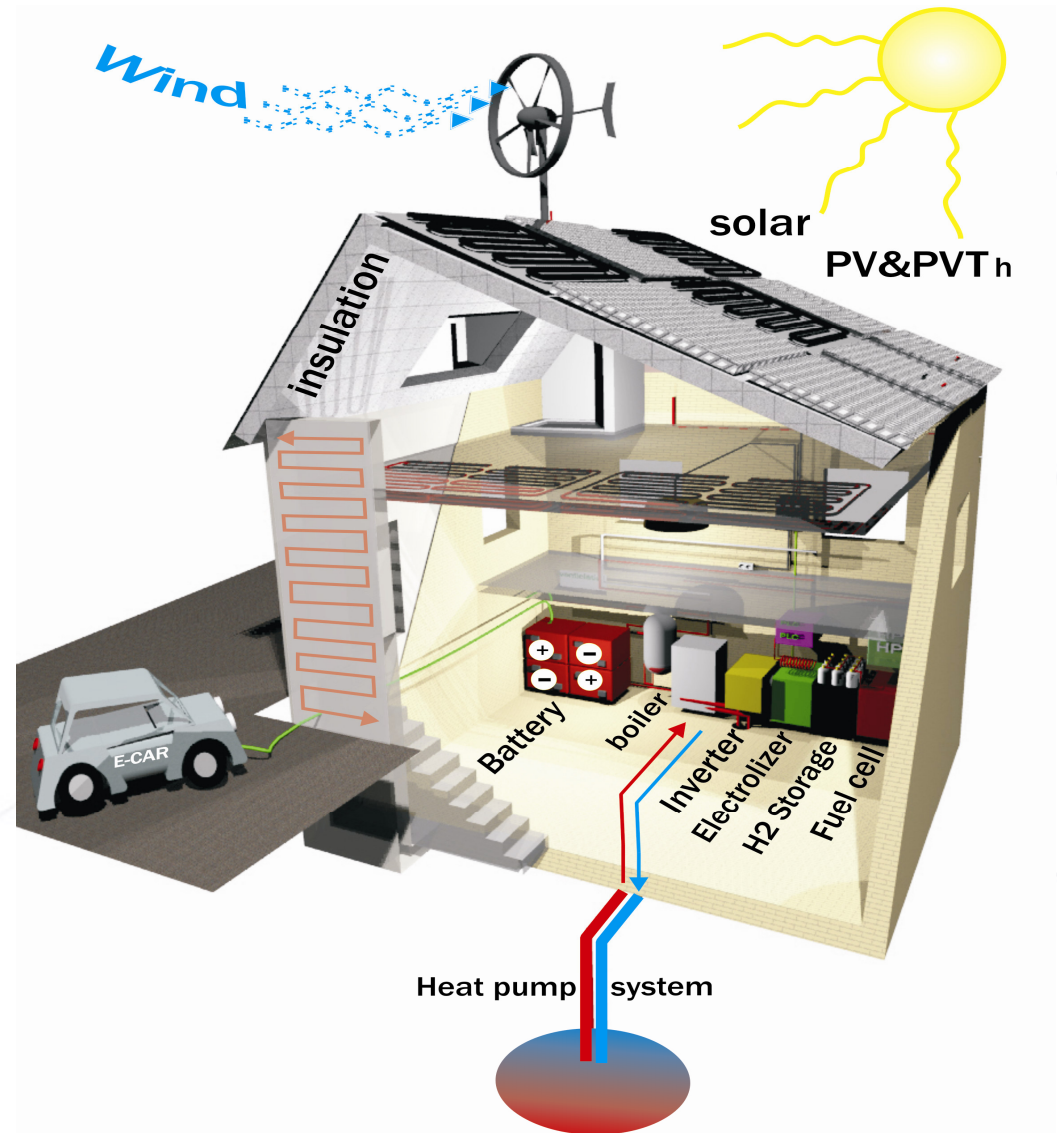
Scheme (1)



Scheme (2)

- ✓ House
- ✓ Sun / wind
- ✓ Renewable energy system
- ✓ Electrolyser
- ✓ H₂ storage + Battery pack
- ✓ Fuel cell / HPC / HP
- ✓ Inverter
- ✓ Control unit

— +
Total system



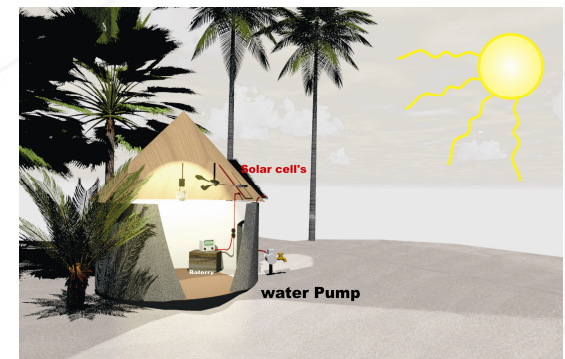
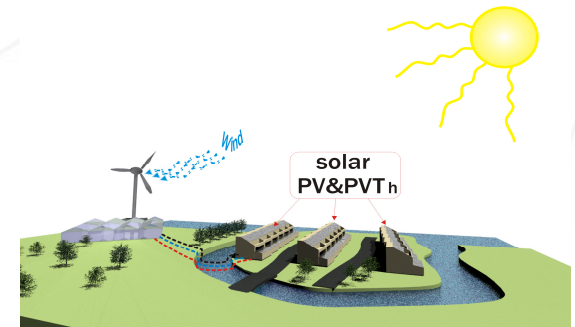
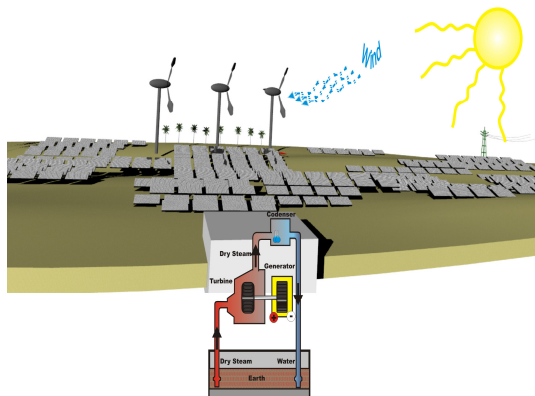
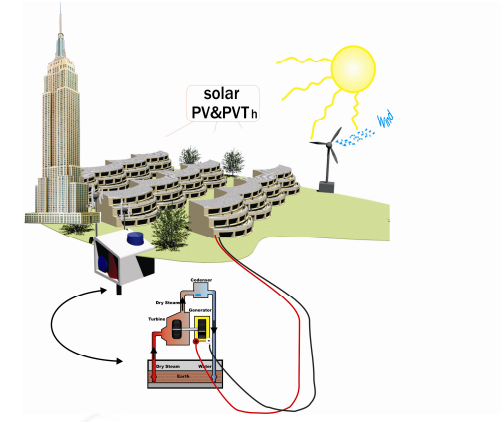
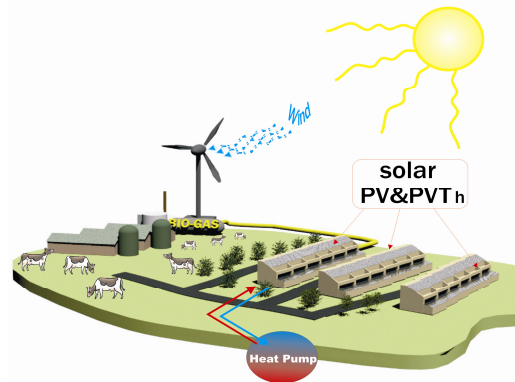
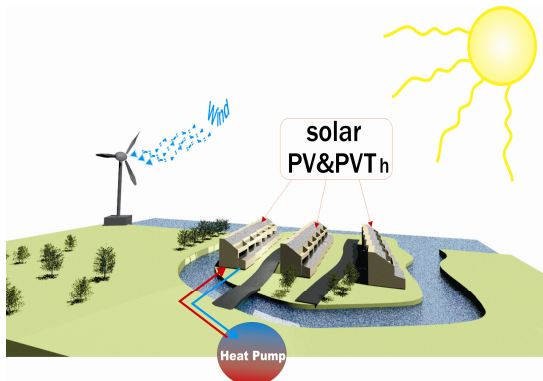
- Individual components
- Existing technologies
- Improvement
- Integration into one system

Unique selling points Energyhouse

- Integration and intercommunication of components
- Covers all in-house energy-needs
- 100% Carbon free
- Combined energy generation, storage and conversion = complete independence
- No connection to gas- and electricity grid
- Possibility for small town car in concept

- Proof of Principle end 2007
- Teaming up with a partner in a separate legal entity
- Defining strategic roadmap to market
- Generate additional funding to get there
- First step: from POP to Proto in a house

Other options



Thank you for your attention

OTB Energyhouse

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