

26th World Gas Conference

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EnTranCe TO THE SECOND LIFE OF GAS: EnTranCe AS
SOURCE OF INNOVATION AND HUMAN RESOURCES

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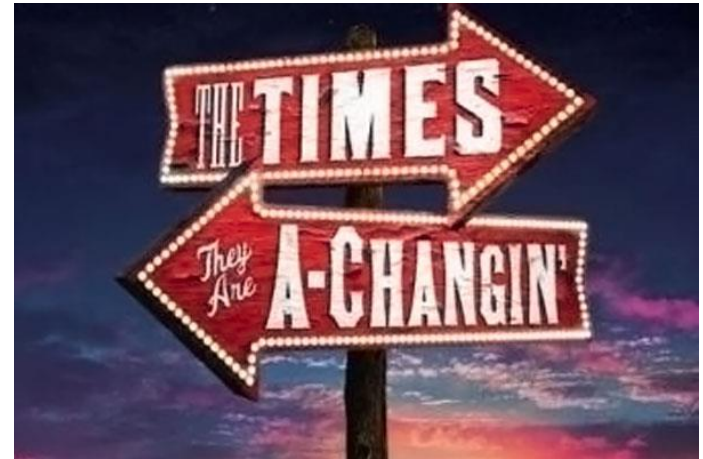


Innovation paradox of the Gas Industry

- WorldWide the gas industry has a comfortable seat.
 - Gas sells itself and it will always do
 - New Fields, so shortage is not to be expected in our lifetime
 - New gas products and gas markets will always emerge
- But *:If you always do what you've always done, you'll always get what you've always got*

Innovation paradox of the Gas Industry

- The Gas Industry is convinced that they have a superior product
- The problem is customers do not always understand
- But we can excellently explain each other the superiority of our product
- So: no need to innovate ?
- But: times they are a changin'



Times they are a changin'

Within Europe many agenda's to serve

- Climate Change
- Liberalization (leading to fragmentation of knowledge and hopping clients)
- Empowerment of general public
- Labour market
- Geo-political developments
- Result : Innovate or Perish

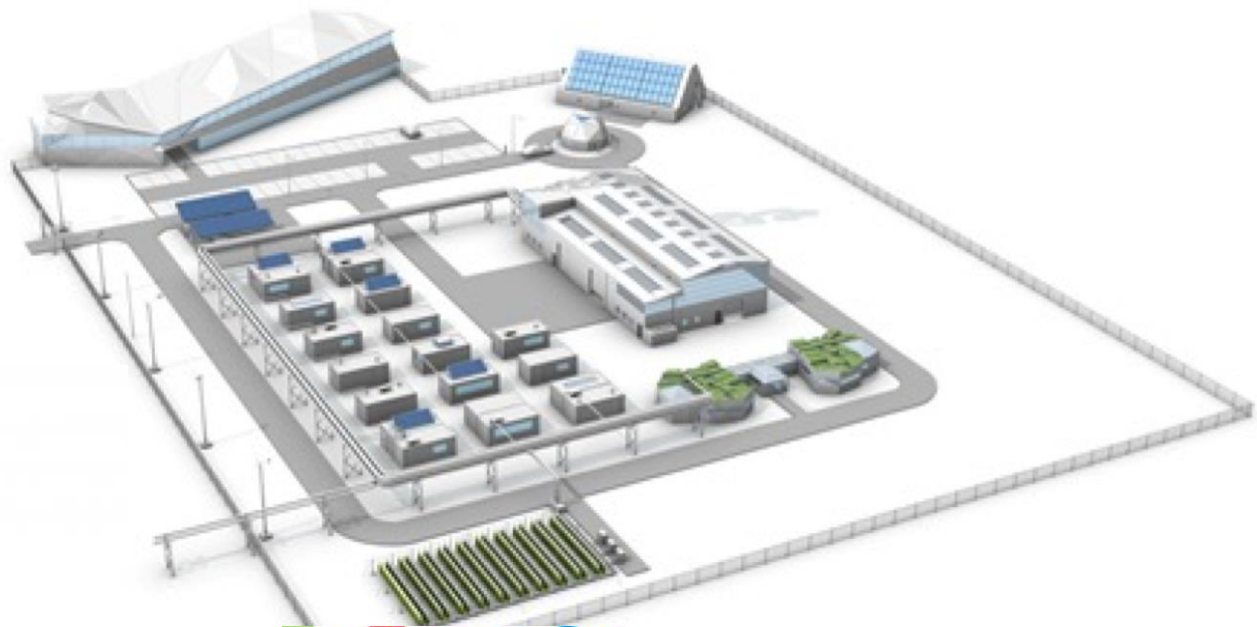


Co-Creation

- At Hanze University of Applied Sciences, together with partners we co-created **EnTranCe**.
- Aimed at the Energy Transition and specifically the balancing of energy-sources.
- Liberalization of markets: growing need for innovation but changing circumstances. If you can't beat them, join them!
- Combining research, education and innovation in a business context in a dynamic, work-based learning environment

The Energy Transition Centre **EnTranCe**

EnTranCe
ENERGY TRANSITION CENTRE



gasunie
crossing borders in energy

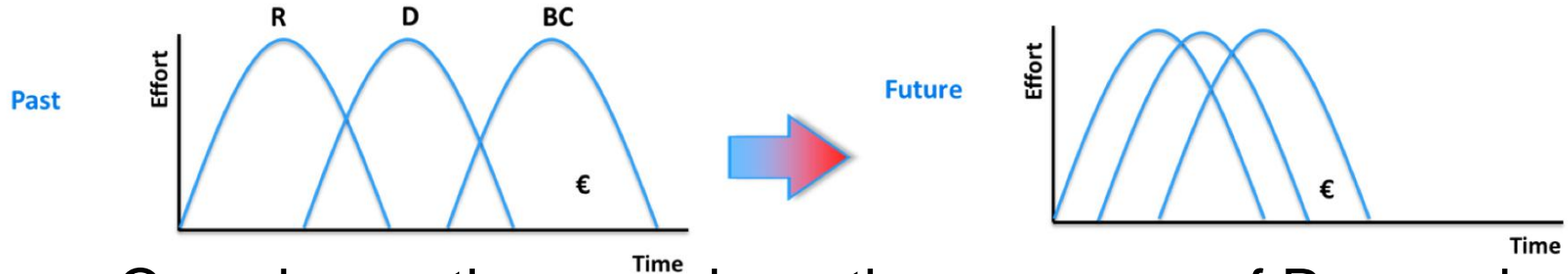
GasTerra
Energizing the future

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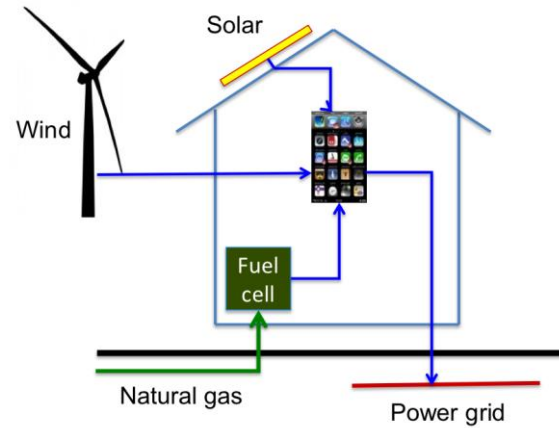
Energy Academy Europe

Co-creation : speeding up the development cycle



- Open innovation speeds up the sequence of Research, Development and Deployment
- Partners contribute from their own domain of expertise
- Innovation chains are created
- Young people with fresh focus add to the project

Case: iBalance project



- Solid Oxide Fuel Cell with local de-central E production
- Balancing not only Technological innovation , also Sociological innovation; ICT Rich solutions

Contact

Thank you for your attention.

Intrigued ?

You are welcome as Partner

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