Centre of Expertise Energy: EnTranCe

Korte introductie ikv de Sirius Conferentie

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Hanze University of Applied Sciences

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Energy supply

People in Power

End User

Focus Hanze Energy Research
EnTranCe: Themes

- Hybrid energy system design & Management
  - Smart grids and sensor systems
  - Decentralized power generation, local hybrid systems
  - Energy conversion
  - Decentralized local energy storage
- Alternative gasses
  - LNG
  - BioGas
  - H2
- Energy interventions and behaviour, acceptance and communication
- New economic realities, labour market and legal aspects in the energy sector
- Sustainable communities and local initiatives
**EnTranCe: the Energy Transition Centre**

- Open Innovation Environment: the Energy Transition Centre EnTranCe
- Co-Creation researchers, companies, students: permanent 75-100 students
- Optimizing chain of education, from vocational to post graduate.
- Joint effort of Hanze University Groningen, Energy Academy Europe and Energy Based companies.
- Focus on demand driven research projects
  - Applied
  - Multidisciplinary
  - Multi-level: MBO, HBO en WO
- Spin off, start-ups
- Growing number of (project)Partners
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Toolkit & Power2X

- LNG
- BioFuels
- Power2X

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