EnTranCe: Centre of Expertise Energy

“If we want things to stay as they are, things will have to change.”

Dr. Ir. Jan-jaap Aué
Dean Centre of Expertise Energy
Professor Energy Transition

share your talent. move the world.
Now

203 624

Then a miracle occurs...

A sustainable energy system

"I think you should be more explicit here in Step Two."
Hanze University of Applied Sciences

- Established in 1798
- Professionally oriented higher education
  - 28,500 students
  - 3300 employees
- 55+ bachelor programs, 18 master programs
  - 22 studies with an energy route
  - 3 energy master programs (one under development)
  - 8 professorships with topic energy
  - Energy testing ground EnTranCe

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Speeding up Innovation

At the Centre of Expertise Energy, we speed up innovations needed for the transition towards a sustainable energy society. We contribute by applied research and education.

HOW?

• An interdisciplinary and multilevel approach
• The establishment of co-ownership from Society
• Involving young people
• Showing options and their impact
• In dialogue with stakeholders
At the Centre of Expertise Energy we focus on **FIVE** main topics

1. Hybrid energy system design & management
2. Alternative gasses & hybrid fuels
3. Energy interventions & behaviour, public support & communication
4. New economic realities, labour market, governance & legal aspects in the energy sector
5. Sustainable communities & local initiatives
Educational programs

• Energy Routes in 22 schools leading to EAE certification

• Learning Community (Energy Transition Community EnTranCe)

• Master (MSc) portfolio
  – European Master Renewable Energy
  – Master Sustainable Energy System Management
  – Master Energy 4 Society
  – Master International Communication (specialisation Energy)
For you

Extensive network
Access to knowledge and experience
Support local communities
Experimental facilities
Office- and workspace
Collective Intelligence
Energy related events
Access to launching costumers
Awareness creation
Students
Roadmap 2022

- Blueprints for at least 5 sustainable & regional villages
- Researching and testing of hybrid energy systems
- 1500 energy students
- 25 energy startups per year
- Research capacity: € 10 million per year
- € 25 million regional investments
- 20,000 visitors to EnTranCe