

Renewables in Heating & Cooling – a success story from Upper Austria



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The region of Upper Austria

Das Bundesland Oberösterreich



Capital:	Linz
Population:	1.45 million
Area:	12,000 km ²
Economic activity:	25% of the Austrian industrial exports



The Regional Energy Agency of Upper Austria OÖ Energiesparverband

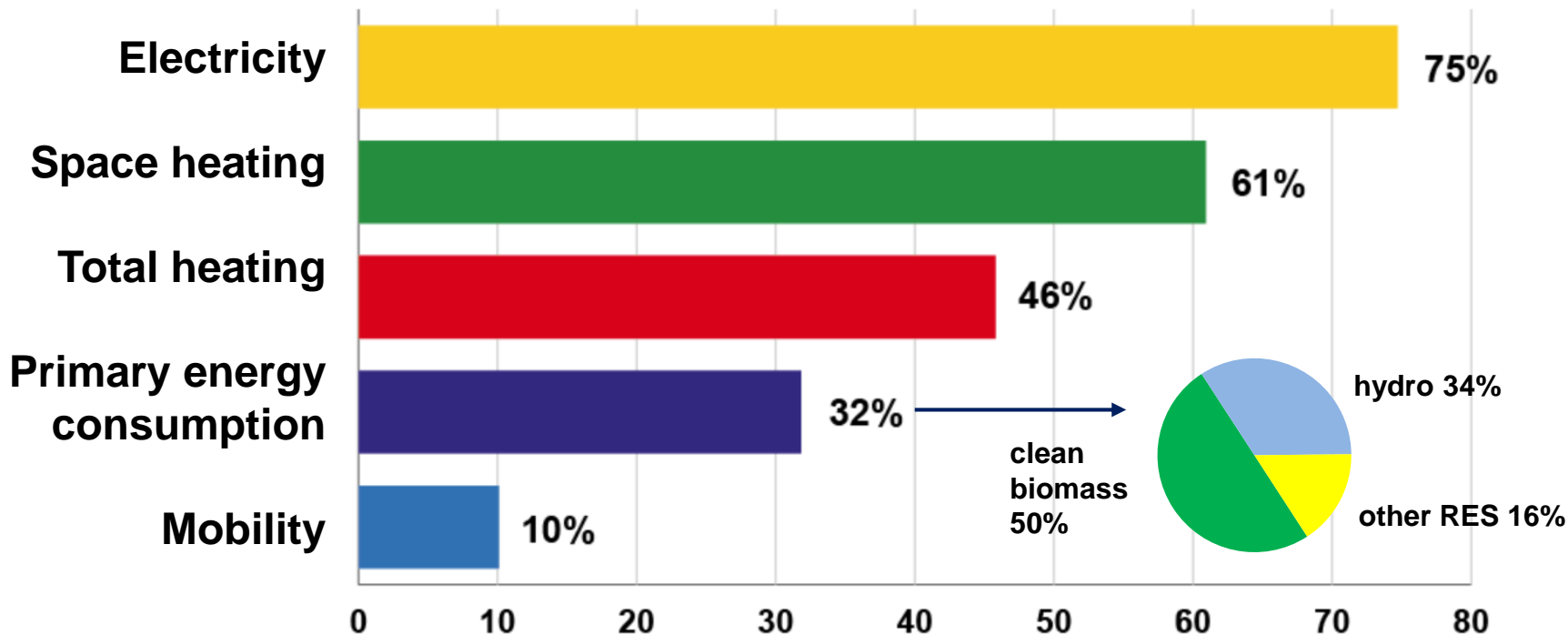
**promotes
energy
efficiency and
renewable
energy**

**provides
services to
households,
businesses &
municipalities**

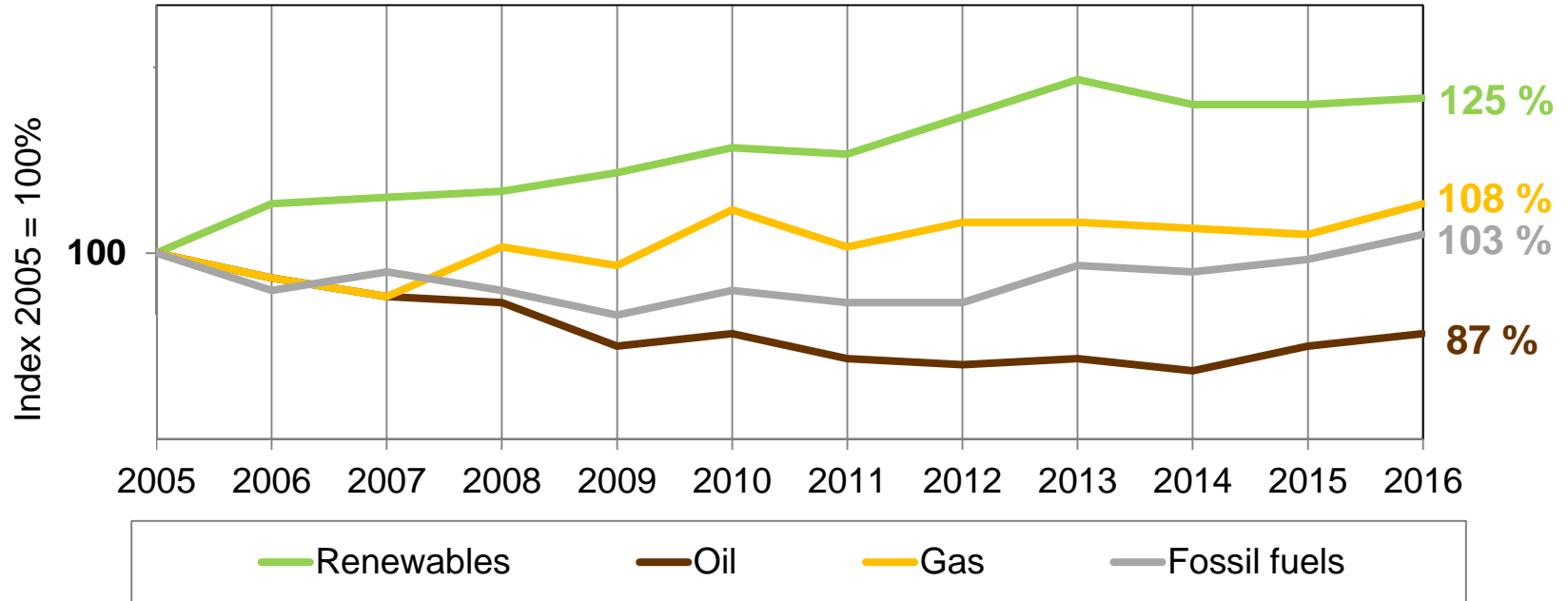
**develops &
implements
policies &
manages
programmes**



Share of renewable energy in different sectors Upper Austria



Development of energy consumption by energy sources



Upper Austria's policy approach: Carrots, sticks and tambourines



Our approach

**Funding programmes
for R & D**

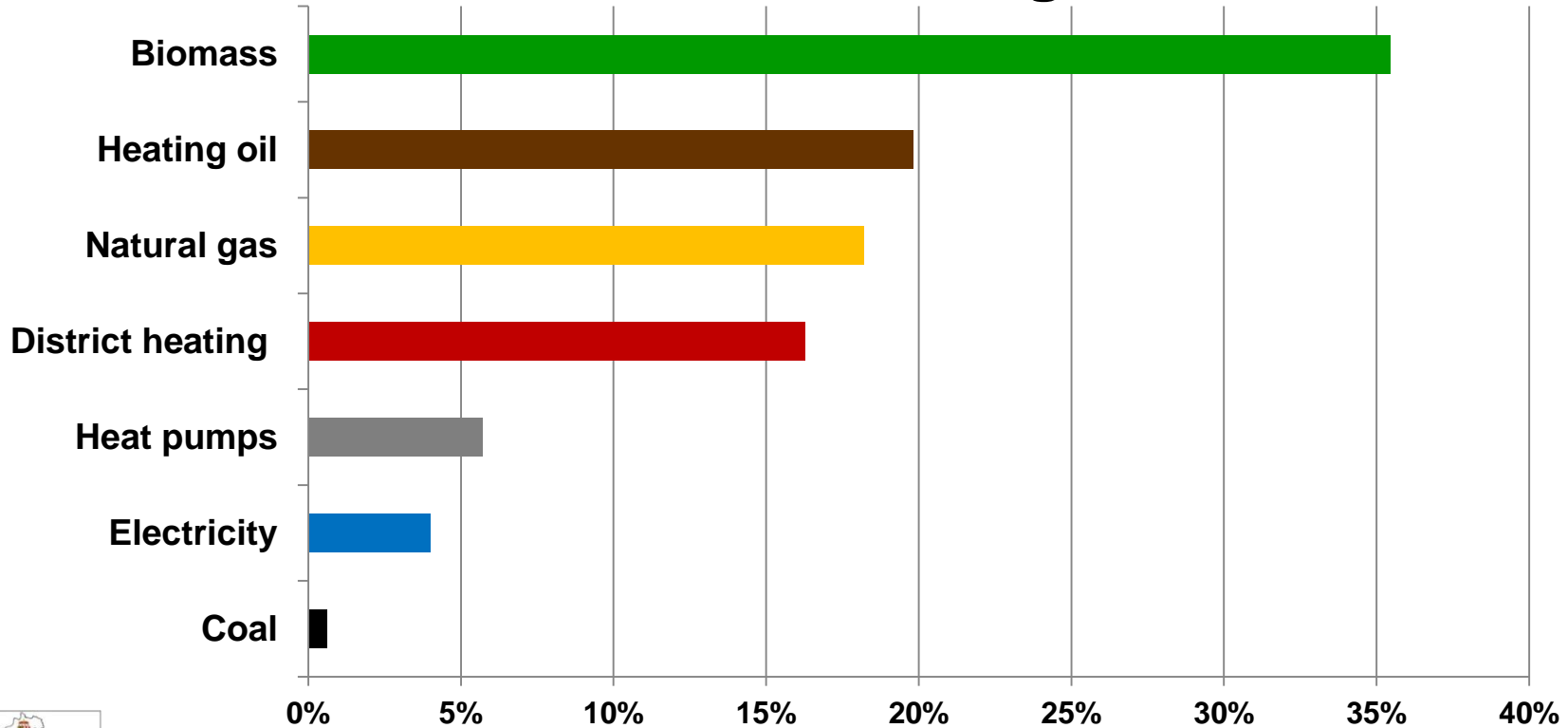
**Funding programmes
for investments**

Information, communication and networking

**Emission and efficiency standards for buildings and
heating systems**

Heating in Upper Austria

% of all dwellings



Tambourine: Strategic information and communication

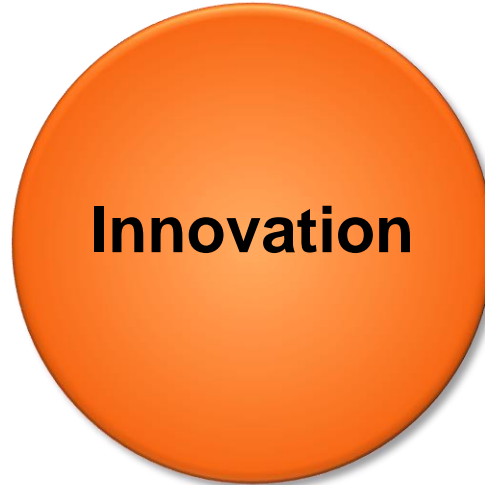
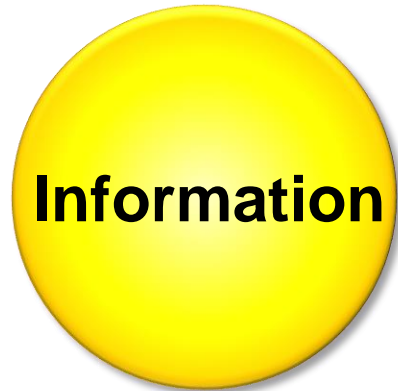


- 10,000 face-to-face energy advice sessions
- tradeshow participations
- information folders
- media campaigns, website, social media, newsletters
- a wide range of information events for different target groups
- about 30 training courses per year in our Energy Academy

The Cleantech-Cluster Energy (CTC)

The network of energy & environmental technology
companies in Upper Austria

140 energy technology partner companies



Innovation across the value chain

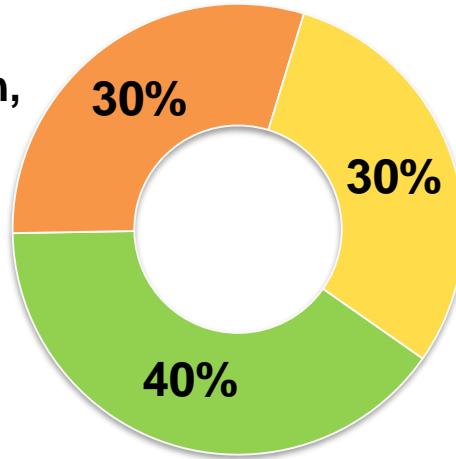
F&E Platform NEFI: New Energy for Industry

- Development and demonstration of innovative energy technologies for manufacturing companies in the next 8 years
- Focus regions: Upper Austria and Styria
- 4 operating organisations: AIT, OÖ Energiesparverband, Montanuniversität Leoben, BizUp
- Consortia with more than 80 companies, 14 research and 5 institutional partners



Energy efficiency and renewable energy Investments in Upper Austria

energy efficiency
technologies, e.g. insulation,
efficient windows, LEDs



energy efficiency
investments in industrial

renewable energy

Investments in **energy efficiency**:

4.2 billion Euro/year in Austria

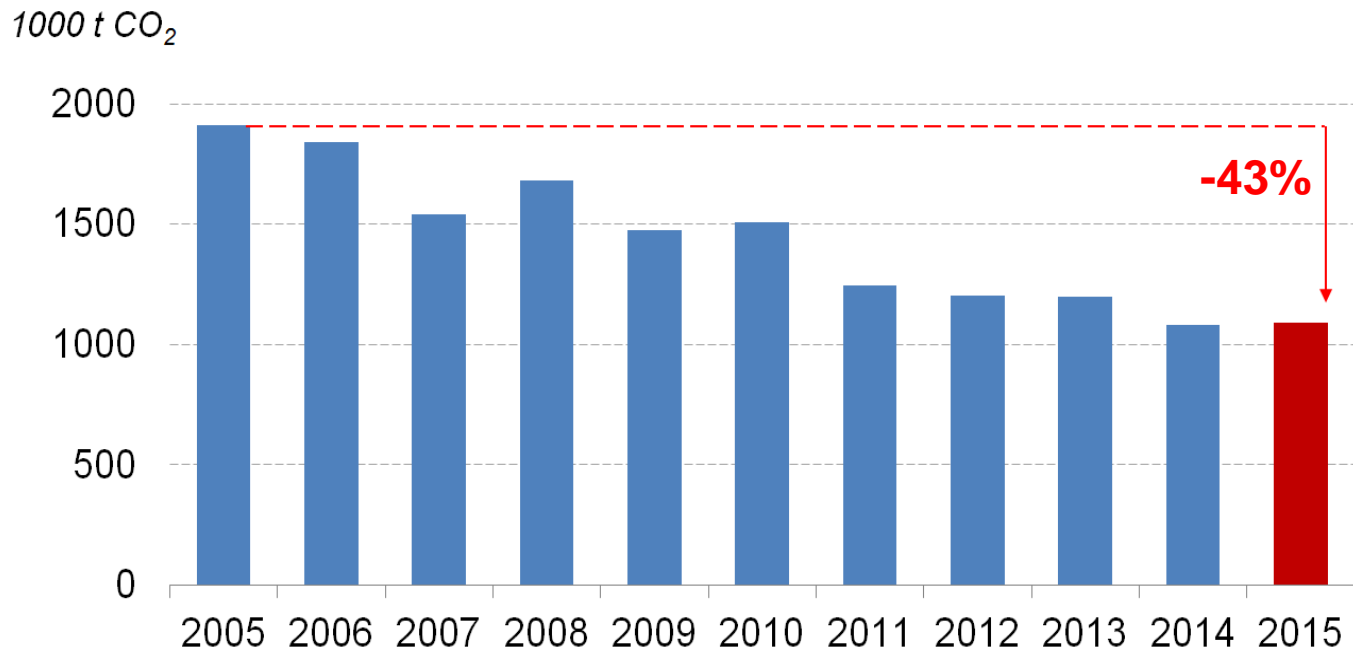
1.5 billion/year in **Upper Austria**

Investments in **renewable energy**:

2.8 billion Euro/year in Austria

0.6 billion/year in **Upper Austria**

Greenhouse gas emissions from buildings Upper Austria



Source: UBA

The vision: European leader in the energy transition

**competitiveness and quality of life through
decarbonisation (and not: despite of)**

**decarbonisation energy used for buildings and
manufacturing**

**market leadership
in innovative energy and building products**

innovation ecosystem

World Sustainable Energy Days 2019: 27 February - 1 March

International conference with 600+ participants from over 50 countries

- **European Energy Efficiency Conference**
- **European Pellet Conference**
- **Industrial Energy Efficiency Conference**
- **Young Energy Efficiency Researchers Conference**
- **Trade Show with 900+ exhibitors**

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