Region Northern Hesse
Cluster distributed Energy Technologies

deENet Competence Network distributed Energy Technologies
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Cluster Region: Northern Hesse

- 5 districts and the city of Kassel
- Population: 1 million
- Overall 45,000 companies
- University of Kassel
Distributed Energy Technologies

Sector:
- Renewable Energy
- Energy Efficiency
- Regional Energy Concepts

Clear technology focus.
Cluster Evolution

1980s:
- Informal Cluster
- spin-off companies

2003:
- foundation of deENet
- shared goal: regional economic development

Today:
- >110 formal members
- Shareholder of IdE Institute decentralized Energy Technologies
Members and Value Chain

60% private sector, 20% public sector, 20% from R&D.
Members along complete value chains
IdE was founded in 2011 as a non-for-profit limited liability company.
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<td>N.N.</td>
<td>Prof. Dr. Klaus Vajen</td>
<td>Prof. Dr. Jens Hesselbach</td>
<td>Prof. Dr. Klaus David</td>
<td>Prof. Dr. Ludwig Brabetz</td>
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<td>Dr. Dorothee Walther</td>
<td>Dipl.-Ing. Janybek Orozaliev</td>
<td>Dr.-Ing. Kai Witte</td>
<td>Dr.-Ing. Nermin Brgulja</td>
<td>Dr.-Ing. Christian Spieker</td>
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Project Examples

- **Distributed Energies for rural communities and cities**
  - Energy/ Climate Action Plans
  - Support of RES integration

- **Support of RES integration into existing system**
  - Flexible bioenergy plants
  - Role of energy cooperatives

- **Process development**
  - Solarthermal Energy in Industry
  - Efficient production lines
Thank you very much for your kind attention!