



**ENERGOKLASTR**

# Cluster cooperation Green Technologies

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INVESTICE DO VAŠÍ BUDOUCNOSTI



# ENERGOKLASTR

- Competence cluster focused on energy efficiency and mainly renewable energy sources
- Platform for communication and cooperation between public sector, universities, R&D organisations and industry
- Primary focused on applied research, transfer technologies and innovations



# ENERGOKLASTR

- 2008 – facilitated by CVVI in cooperation with B.I.B.S., CVUT, , MENDELU and Chamber of Commerce.
- January 2009 – established
- 2009 – 2012 – Centre Brno project (OPPI Cooperation, Clusters)
- June 2009 – first transfer of technology (PEER)
- July 2012 – Centre Brno project II (OPPI, Cooperation, Clusters)



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## Major players in ENERGOKLASTR

- Czech Technical University in Prague
  - Mendel University in Brno (previously Mendel Agricultural and Wood University)
  - Centre for research and innovations
  - Chamber of commerce of region Vysočina
  - Czech Ski Association
  - Technofiber
- and 15 others....



# Clusters projects

- Predictive and effective energy regulation
- Micro and small wind scale turbines
- Decentralized Regional Energy Systems
- Renewable energy resources (biomass, geothermal and solar energy)
- Technologies focused on measures and energy savings
- European Cooperation (Cluster Cord, C+)
- Infrastructure projects:
  - Centre Brno
  - ENERGOKLASTR CTT Vysočina
  - VTP AT Milovice

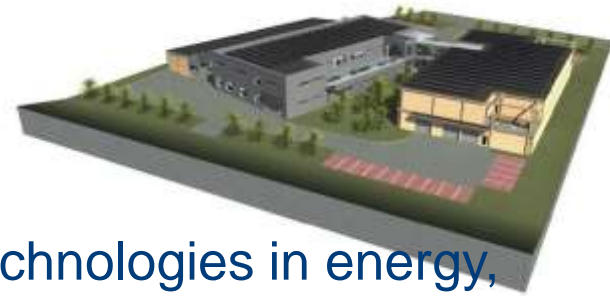


## Centre Brno

- Cluster Energy Laboratory (MEZ, Brno)
- Wind canal (for project in the area of wind energy and automobile industry; 2x2m) placed in University of Defence, Brno ([www.unob.cz](http://www.unob.cz))
- Value of the project: € 4 mil.
- Operation: June 2012



# Technology Park Vysočina



- Infrastructure project focused on transfer technologies in energy, emissions and energy savings, renewable energy resources
- Value: € 18 mil.
- Place: Jihlava (region Vysočina)
- [www.vtpvysocina.cz](http://www.vtpvysocina.cz)
- Pilot operation: 4Q/2013



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# Technology Park Milovice

- Established 2009
- Place: Milovice (Central Bohemia)
- Focus on automotive, emobility, energetics & eco innovations
- Partners of the Project:
  - Czech Technical University in Prague ([www.cvut.cz](http://www.cvut.cz))
  - CVVI ([www.cvvi.eu](http://www.cvvi.eu))
  - ŠKODA Auto
- Total value: € 28 mil.





# Technology Park Milovice

- Automotive
- E-transportation
- Wind Tunnel (4x6 m)
- Energetics, energy savings & energy accumulation
- Safety and emissions measurement
- Laboratories
- Business Incubator and Transfer technologies



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# Summary

- Cluster projects and cooperation
- Infrastructure projects
- Focus on european cooperation and mobility of experts



# Contact

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Thank you