



Photo: Johan Palm



A project for development of Sustainable Clean Wood Energy in the Central Baltic region

Project partners in Wood Energy and Cleantech

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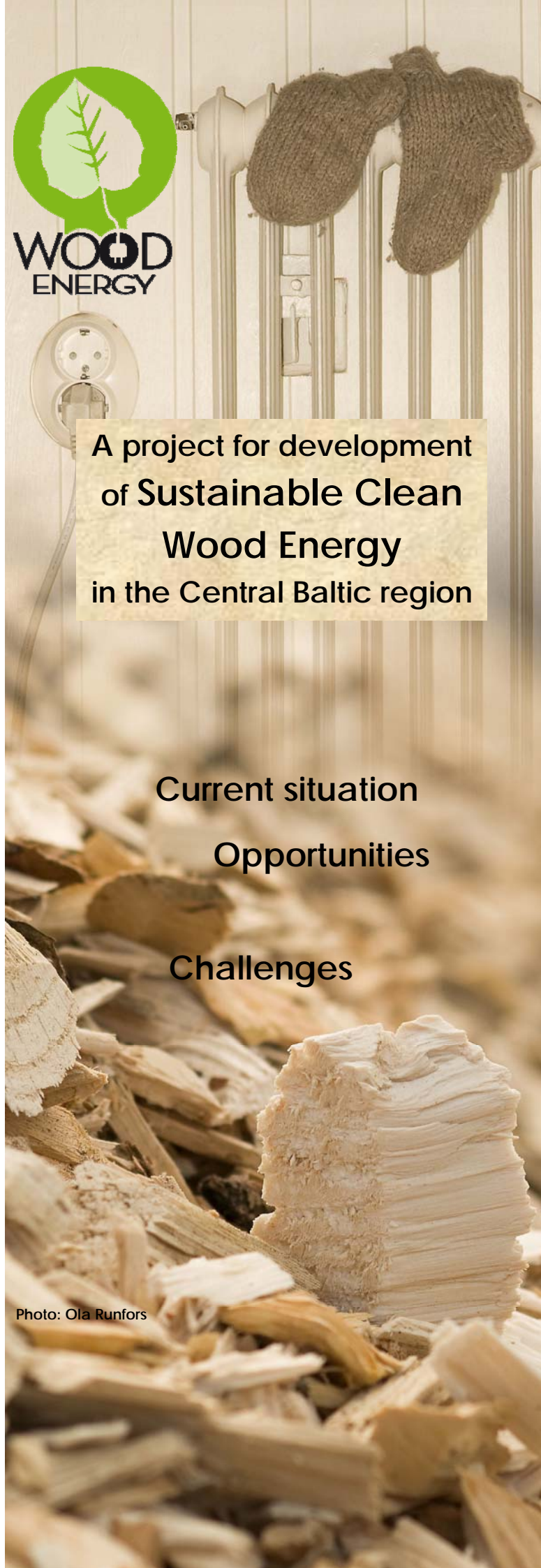
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Duration of the project: 2010 – 2012

www.woodenergyproject.eu



Current situation

Opportunities

Challenges

Photo: Ola Runfors

Wood energy - a hot topic

Wood energy has been a traditional energy source. Even in modern times the biggest assortment from the forest harvest was fuel wood for heating purposes. After the 1950s up to 1990 the energy sources for heating changed to fuel oil, fossil gas, coal, and electricity. In a time of rising oil prices, global warming and sustainable solutions, there is an emerging interest in wood energy caused by

- Awareness and knowledge of pollution and global warming
- Price levels and reliable supply of oil and gas has not been satisfactory during the last years
- Regions with formulated strategies have formed stable rules for investments
- Highly efficient wood energy boilers, combined heating and power production (CHP) and new distribution systems

Project focus

A cross sector and transnational approach where forestry, wood supply, energy production and energy distribution is investigated and analyzed.

Policies and planning

- Analysis of strategies and planning tools.
- Methods of public awareness rising
- Environmental aspects such as biodiversity, sustainability and resilience

Market issues

- Demand and supply in the value chain from forest to consumer
- Methods of business intelligence

Competence demands

- Operator skills
- Management skills
- Research skills

Technological issues

- Transregional technology study
- Analysis of regional differences and similarities

System analysis

- Study of the value chain from forest to consumer
- Investigation of optimal solution of different cases
- Investigation and analysis of environmental aspects



The balance of biodiversity and wood production is one important issue for the project.

Working methods

- Investigating the current situation in the regions
- Analysis and knowledge building
- Pilot projects and case studies

Target groups

- Politicians on a regional level
- Administration in regions and municipalities
- District heating producers
- Researchers
- Forest owners
- The public

Expected results

- Cross border structures and contacts between professionals with different skills
- Recommendations of strategies, planning and communication tools
- Case studies on investment and procurements
- Higher level of skills of the professionals
- Higher awareness on wood energy issues