

Best practise, Knowledge & Exchange

Support via Collaboration projects

Presented at the International Hardwoods are Good Workshop
at the MeLa Fair, September 13th 2012



Birth of the HCN e.V.



Germany BMBF / Software Engineering 2006
HOLOMAN - Development of methods for the interchange of structured digital information within the timber industry



Germany BMBF / sustainable forestry/ 2005 - 2008
HCN - HolzClusterNord (Northern Wood & Timber Cluster)



HCN e.V.

Environment & Resources

Logistics & Mobility

ICT & Sensor Technology.



Working Fields of the HCN e.V.



Main Topics

- Classification
- Allocation
- Logistics
- Research & Development (technology and innovation)

Programs HCN is participating

international

- Baltic Sea Region
- South Baltic
- Era net - woodwisdom
- Era net- bioenergy
- Seventh Framework Programme (FP7)

National :

- BMWI
- BMWF
- further national funding schemas

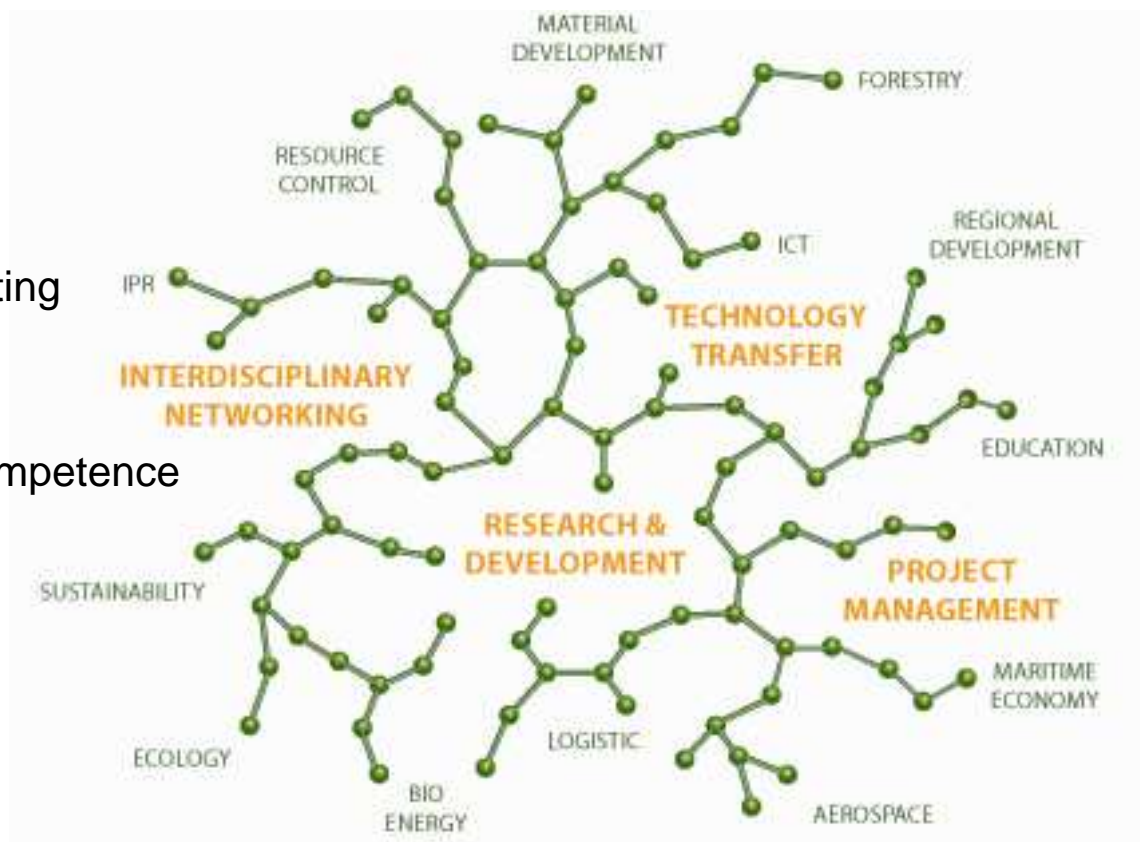
Main Focus is to set up/ participate within Cooperation Projects that are linking Research and Development and industry to develop new ideas and innovations.



© by HCN e.V.

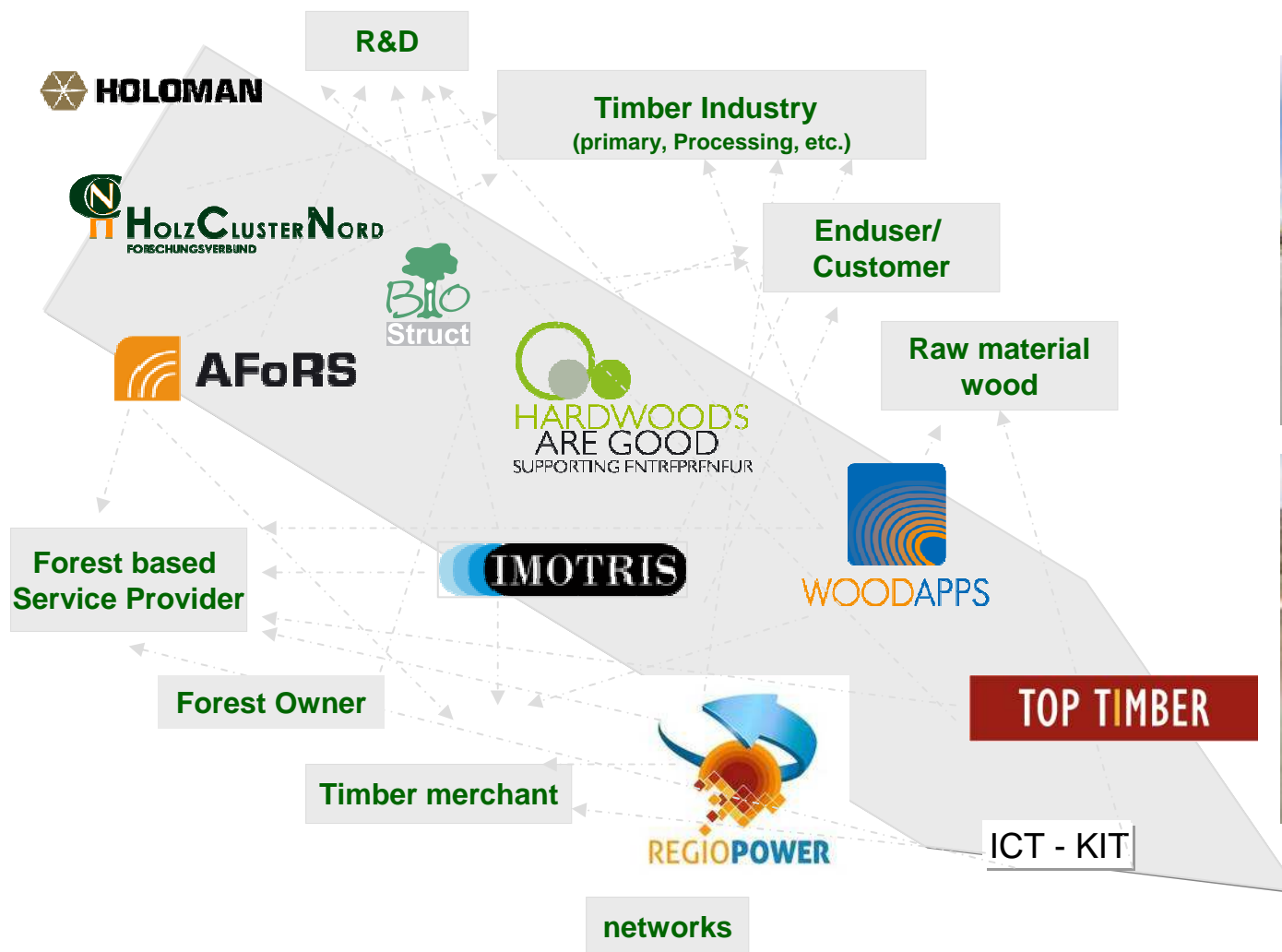
Service Portfolio of the HCN

- ✓ Funding consultancy
- ✓ Project development
- ✓ Innovation management
- ✓ Project management
- ✓ Project controlling
- ✓ regional- und project marketing
- ✓ Technology transfer
- ✓ Knowledge management
- ✓ Intermediary for regional competence
- ✓ Networking
- ✓ Research & development
- ✓ Contract research
- ✓ Client-specific studies
- ✓ Market analyses



© by HCN e.V.

Supporting structure – wood related projects





Funding program: „Nachhaltige Waldwirtschaft 2004-2008“
(sustainable forestry), national, BMBF

Type: collaboration project

Partners:

- R&D (1)
- Industry (2)
- Service (1)
- Administrative (3)

Aim:

- Organization and implementation of activities in the sector of regional development, sustainability and technology transfer
- Process optimization / knowledge exchange between business partners at the timber cluster



© by HCN e.V.

Project Overview – Hardwoods Are Good (HAG)

Funding program: „South baltic programme“ , international, EU

Type: collaboration project

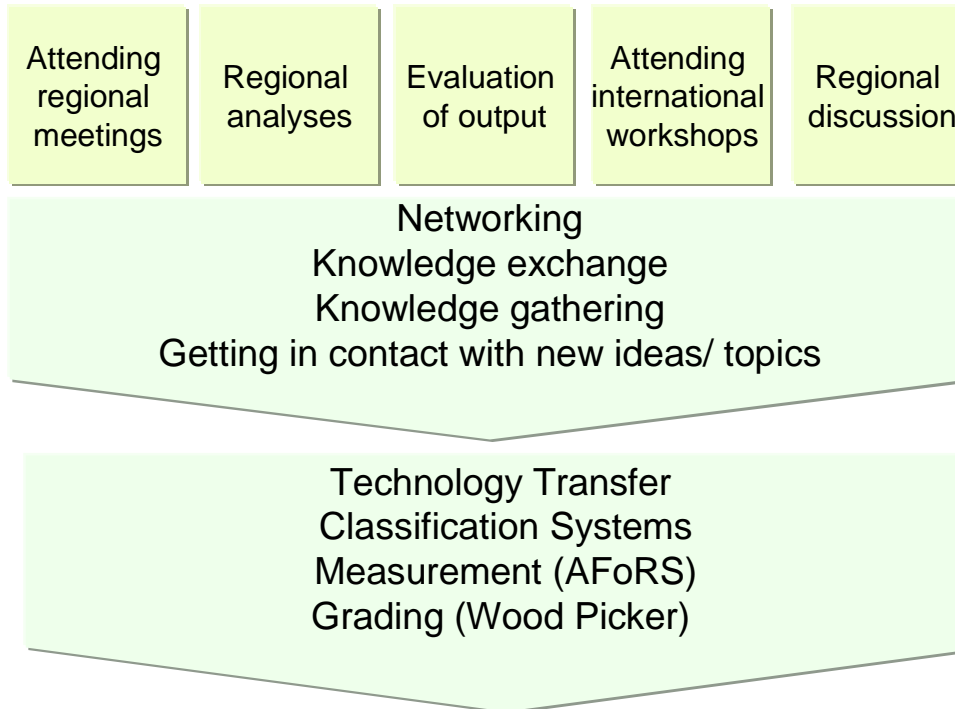
Partners Countries:

- Sweden
- Lithuania
- Poland
- Germany
- Belgium
- Russia

Aim: The project focuses on improving the forestry based hardwood chain and to set up a permanent network for hardwood related topics



© by HCN e.V.



Separate out of project related meeting and business contacts
New Contact with Polish forestry

A success story – getting from a project to a product

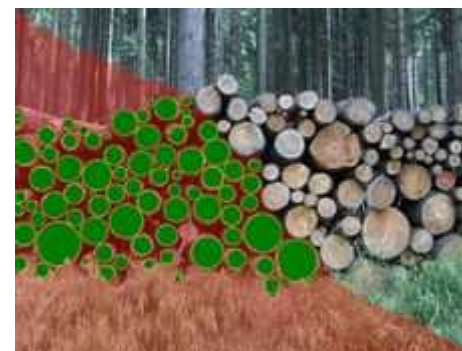


Funding program: „KMU-innovativ: Ressourcen- und Energieeffizienz“
(SME innovative: Resource- and energy efficiency),
national, BMBF

Type: collaboration project

Partners Structure:

- R&D (1)
- Potential Operators (2)
- Service (1)



Aim: AFoRS supports process automation in timber industry on the side of many small and medium sized forestry, trade and transport companies. Specific benefits result from the fast data availability and their possible traceability using the available source images.

Result: Product development AFoRS



Funding program: „WoodWisdom-Net Research Program and the ERA-NET
Bioenergy, international , EU

Type: collaboration project

Partners Countries:

- Slovenia (1)
- Sweden (2)
- Germany (2)
- Ireland (1)
- Support partners (12)

Aim: The project aim is to develop a pilot "Information and Communication Service Platform" to link process partners within international value chains from the forest to the customer - Wood Value Chain (WVC).

Technologies: Bobber, Location/map Service for forestry, document- information exchange base

© by HCN e.V.



Funding program: “Innovative Seehafentechnologien II (ISETEC II)” (Innovative Seaport Technologies), national, BMWi

Type: collaboration project

Partners:

- R&D (3)
- Industry (5)
- Service (1)



Aim: IMOTRIS focuses on the development of an automated Intermodal Transport Routing Information System. The online platform IMOTRIS aims to optimize, support and facilitate the communication between client and contractors.

Project Overview – RegioPower

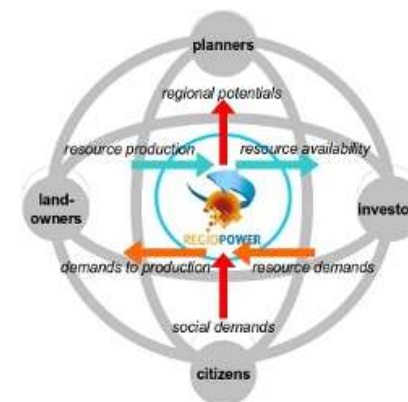


Funding program: „WoodWisdom-Net Research Program and the ERA-NET Bioenergy, international , EU

Type: collaboration project

Partners Countries:

- Sweden (1)
- Germany (4)
- Finland (2)
- Slovenia (2)



Aim: A regional IT-based platform for bringing resource needs and land-based resource production together

- Focus lignocelluloses bio material (Wood and wooden by products)
- Regional feedstock market for small assortments
- Analytic tools for forecast and regional planning

TOP TIMBER

Program

Energy efficient retrofitting and renewal of existing buildings for sustainable urban districts

Collaboration Project, international

Aim

development of common recognized guidelines for the utilization of hardwood species for construction purposes of whole buildings under energy balance aspects.

ICT - KIT

Program

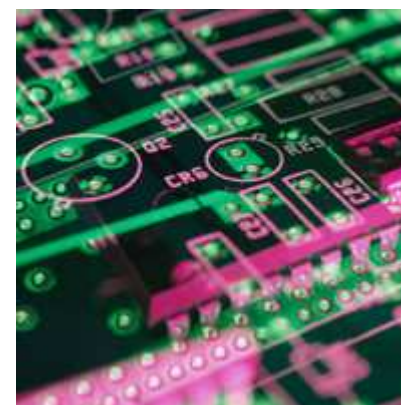
Integrated processing and Control System for Sustainable Production in Farms and Forest

Collaboration project, international

Aim

Focused on developing an innovative as well as user-friendly construction kit to create individual forest based mobile application that are straightforwardly customized

Using a standardized data set of the ICT-Kit



We are always looking for ...

Companies of the wood value chain that are interested to participate in collaborative projects for example as:

- collaboration partners
- associated partners
- beta users

Because we can just bring Innovation within a region and let other participate if the industry and companies are pushing it with us!



Referent of this presentation was ...



You can get in contact by phone, email, fax or just
by mail ...



company: HCN e.V.
Street: Poeler Straße 85a
Postal code/ City: 23970 Wismar
Country: Germany
Phone: 0049 (0) 3841 – 46 00 13 or 16
Fax: 0049 (0) 3841 – 46 00 14
E-mail: info@hcn-group.de
Web: www.hcn-group.de

Thank you for your attention!