



# Wood in Bavaria

BIOMASS POLICIES WORKSHOP

“SUSTAINABILITY” AND “MOBILISATION”

Roland Schreiber

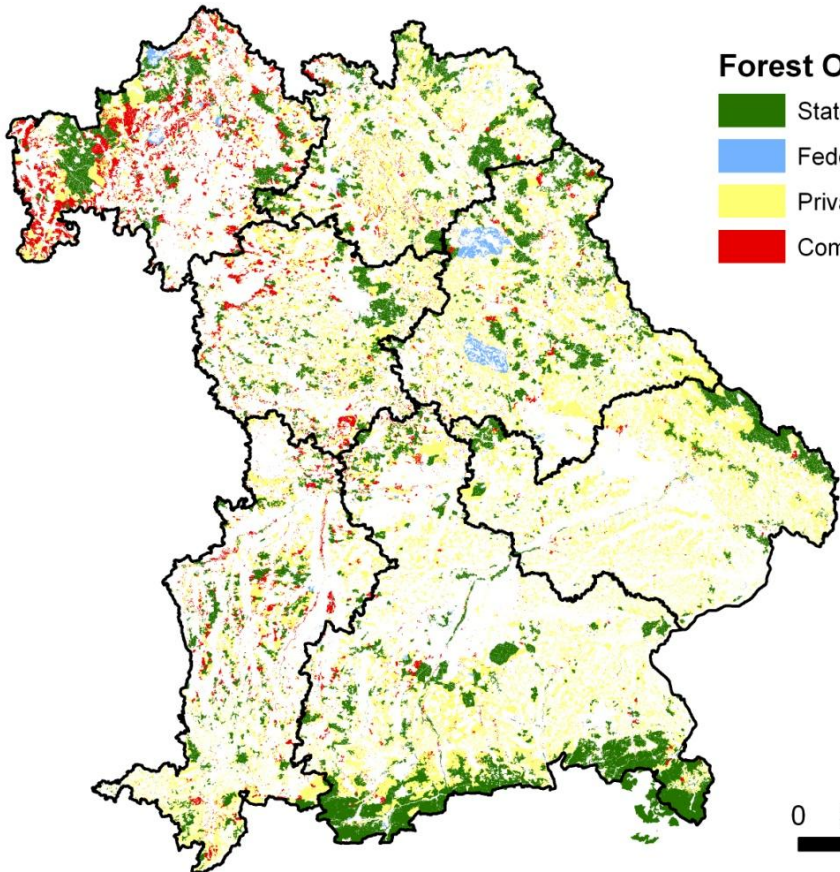
14<sup>th</sup> May 2014, Brussels



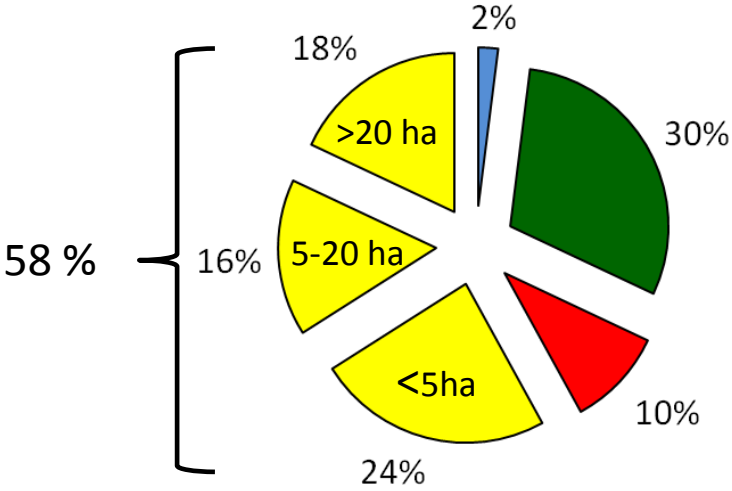
# Wood in Bavaria

- **Wood / Forest owner mobilisation in Bavaria**
  - Key facts
  - Barriers and challenges
  - Activities and incentives
- **EU-Project – Simwood - Sustainable Innovative Mobilisation of Wood**
  - Key facts
  - Objectives and concept
  - Expected outcome

# Bavaria - Forest ownership structure



Forest area:  
2.5 Mio. ha



NFI 2002: High volume of stands / potential in private forests <=20 ha

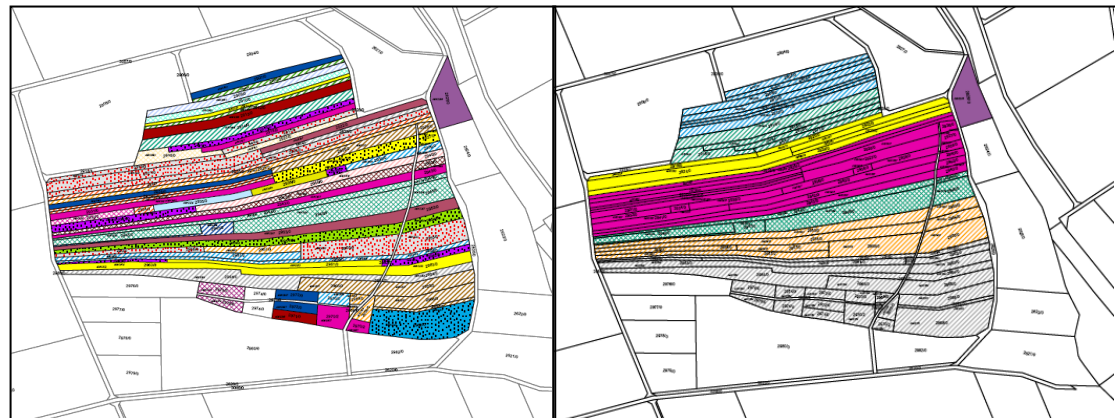
# Barriers and challenges

## ■ Forest policy objectives:

- Climate change – adapting forests on 260,000 ha (8,000 ha p.a.)
- Timber supply /energy policy (increasing demand)
- Maintaining sustainable forestry in small private forests

## ■ The structure of private forest ownership

- 30 % forest area / > 80 % forest owners less than 5 ha
- average +- 2 ha/forest owner
- Fragmented parcels, unknown boundary lines and lack of access roads in small scaled forests

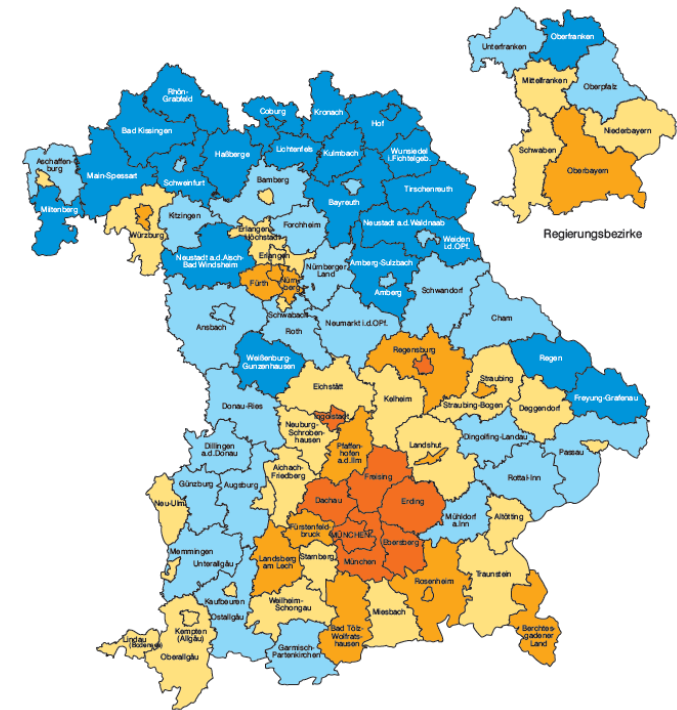


# Challenges (continued)

## ■ The demographic and structural changes:

- Agriculture: Less farmers but bigger holdings (specialization) – forests no longer part of it
- Age and structure of forest owners (av. 54 years, joint ownership by coheirs)
- Increasing number of „urban“ forest owners (decoupling and marginalization)
- Decline of forest knowledge/skills, at the same time increasing needs on management decisions (i.e. climate change)
- Increasing demand for other forest functions (i.e. recreation, biodiversity)

Population in Bavaria - rate of change  
2030 against 2010 in %



Veränderung 2030 gegenüber 2010 in Prozent		Häufigkeit
	bis unter -7,5 „stark abnehmend“	22
	-7,5 bis unter -2,5 „abnehmend“	26
	-2,5 bis unter 2,5 „stabil“	26
	2,5 bis unter 7,5 „zunehmend“	14
	7,5 oder mehr „stark zunehmend“	8

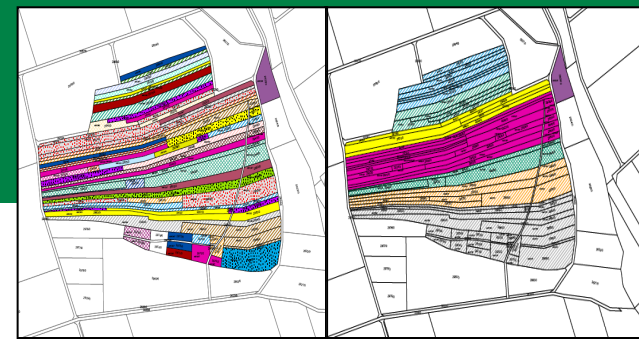


# Forestry and Wood Cluster Initiative



- Forestry and timber sector is part of the Cluster Offensive Bavaria
  - Importance of the sector for rural areas recognized by politics
- Non-profit organization with the main goal:
  - Statewide industry network to develop the potential of industry and science and mobilisation of individual economic potentials.
- Activities focus i.e. on:
  - Initiate / expand networks along the forestry-timber-paper value chain
  - Expert groups for logistics, SME cooperations, wood utilization etc.
  - Initiate regional pilot projects and cooperations
  - Technology transfer, research and development cooperations
  - influencing political frameworks (e.g. timber buildings), exhibitions etc.

# Bavarian Forest Service (BFS)



- Tasks and activities of the Forest Service:
  - Training and extension services for forest owners,
  - forest law enforcement, forest pedagogics, research (LWF)
  - Financial aid for forest owners and personnel support local forest owner associations
  
- Projects, i.e.:
  - Organizing common thinning measures in small scale private forests,
  - Improvement of structure in small scale private forests (see above)
  - Communication strategies with urban forest owners and successors
  - Focus projects, i.e. Mountain Forest Initiatives

# Financial Incentives for Forest owners

- Amount: Forestry ca. 20 Mio. Euro per year (Agriculture: ca. 3.5 Bn.)
- Important Programmes:
  - Silvicultural Measures (WALDFÖPR 2007) – 14 Mio. €
    - adaption to climate change, thinning, handling of damages, etc.
  - Forest roads (FORSTWEGR 2007) – 2 Mio. €
    - Construction/maintenance of necessary, environmental sound infrastructure
  - Forest owner associations (FORSTZUSR 2012) – 3 Mio. €
    - Investments, projects, member management and marketing.
  - Environmental measures in forests (VNP Wald 2012) – 1 Mio. €
    - Voluntary measures of forest owners for nature conservation and biodiversity.



# Strengthening of Forest owner associations

## ■ Objective:

Building up of sustainable, professional structures of the Forest owner associations to overcome the disadvantages of the small scale forests.

## ■ Provided Support:

- BFS Rangers as “extension worker” (ca. 125 rangers / 58 full-time )
- Financial aid (linked to certain criteria like member area):
  - investments (40%),
  - Forest management subcontracting (depending on size: <> 2 ha)
  - timber marketing (ca. 0.5 €/cbm, decreasing)
  - staff training/extension,
  - active member management (1-3 €/member)

Forestry extension



Silvicultural extension

Forest management extension



Services

BAYERISCHE FORSTVERWALTUNG

Harvesting

Timber marketing

For. Management subcontracting

Machinery

Financial aid



ca. 700.000 forest owners

Silviculture

Road construction

Nature conservation

Financial aid



Cooperation

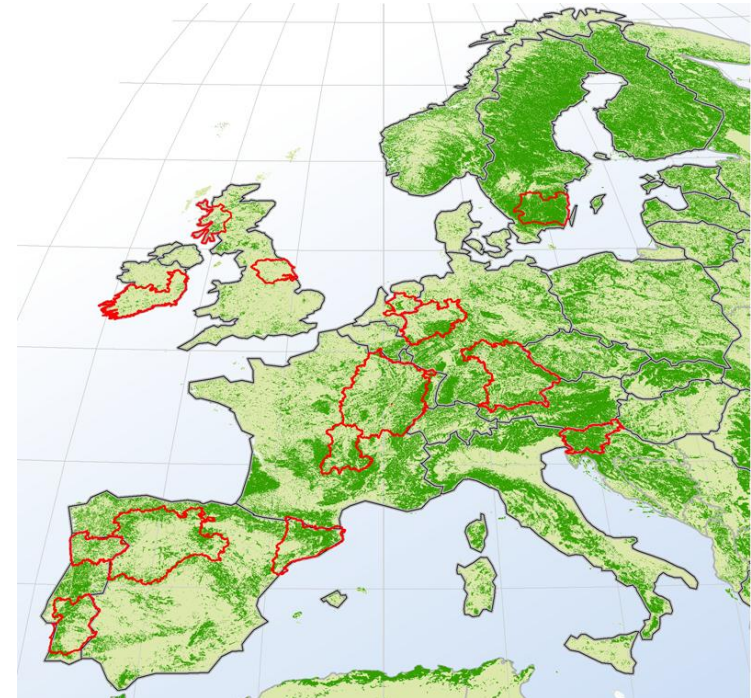
# Simwood – Sustainable Innovative Mobilisation of Wood

## ■ Project

- 28 partners in 11 countries (11 SMEs)
- 4 year project (2013 – 2017)
- Budget ca. 7.5 Mio. € (EU contrib. 5.9 Mio. €)
- funded by EU 7<sup>th</sup> Framework Programme (FP 7)

## ■ 14 model regions

- potential need for wood mobilisation
- represent main European forest types,
- experience in forest governance and wood mobilisation (forerunner, follower)
- Regional learning labs ensure stakeholder involvement



- Regional profiles developed and evaluated, solutions proposed and measures tested.



# SIMWOOD – Main objectives and outcomes

1. Understand current and future **motivations of forest owners**
2. Promote **forest governance** and joint action of stakeholders
3. Develop **multifunctional forest management** adapted to forest types
4. Integrate **forest ecosystem services** while minimizing environmental impacts
5. Establish improved **adapted forest harvesting techniques**
6. Demonstrate **collaborative regional initiatives and solutions**
7. Recommend **tailor-made instruments** to policy makers
8. Encourage **broad outreach and exploitation** in EU regions

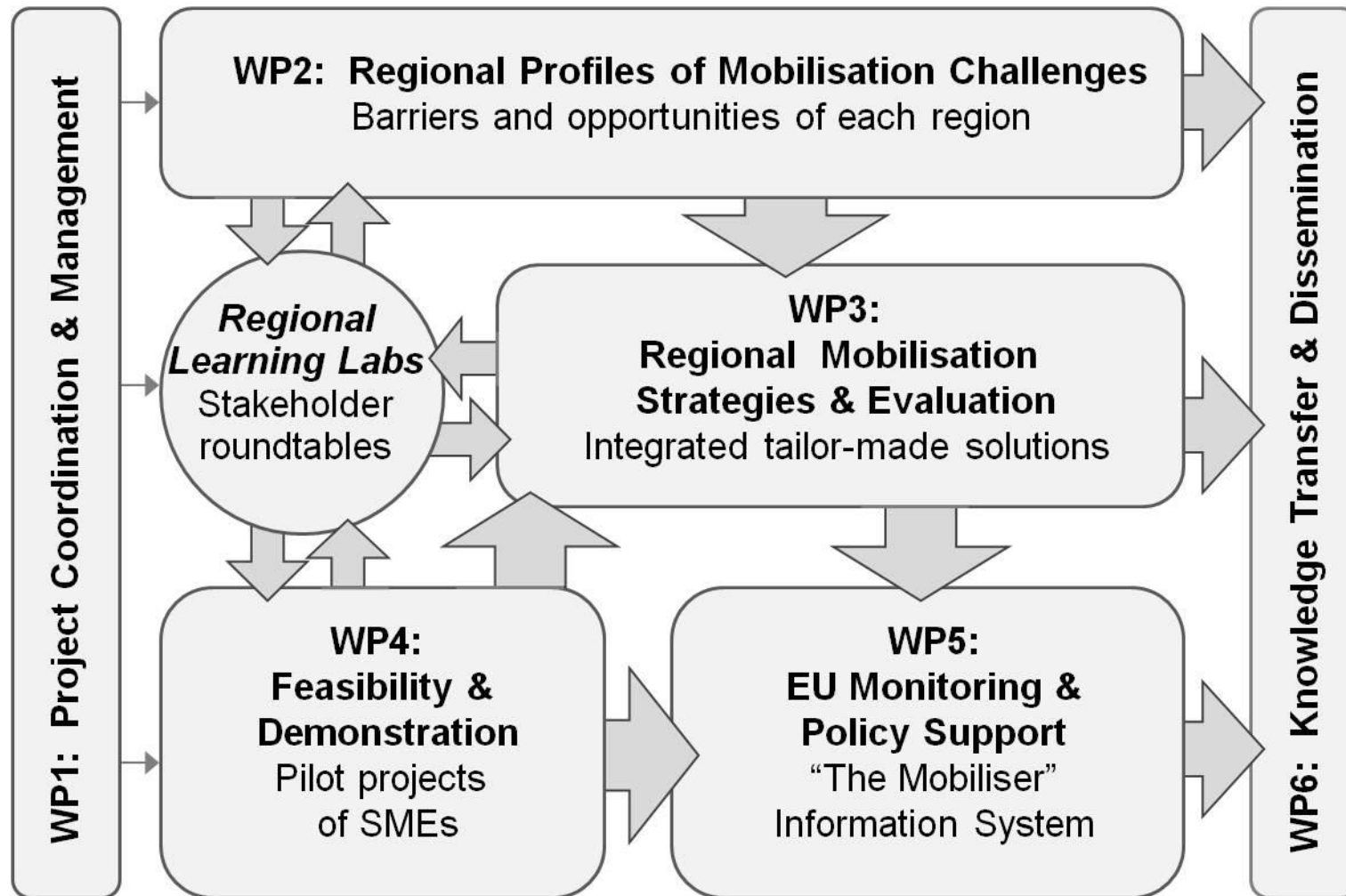
- **The SIMWOOD MOBILISER** •

## **European Guide to Sustainable Innovative Mobilisation of Wood**

A unique information system of innovative practices and technologies, existing stakeholder initiatives and effective support programmes



# SIMWOOD – Work packages



# SIMWOOD – More information

[www.simwood-project.eu](http://www.simwood-project.eu)



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