

Good Practices in Innovation and Circular Economy in Forestry

Sarah Whitaker, Euromontana



Overview

- **Innovation**

- Novel Product Design
- Novel Management
- Examples:
 - 3visjon AS, Drevsjø (Norway) and Idre (Sweden)
 - PDO Bois de Jura, Switzerland and France

- **Circular Economy**

- Forest supply chain
- Added value of local and circular production
- Example:
 - Comparing the added value of domestic timber - produced and processed in different supply chains in South Tyrol, Italy

- **New Projects**

- Governance
- Supply Chain Management
- Example:
 - Law and Order in the Forest Supply Chain, Primorsko-goranska županija, Microregion-Gorski kotar

3visjon AS, Drevsjø (Norway) and Idre (Sweden)

Overview:

- Industrial production of small environmentally friendly building elements
- Buildings look traditional, but follow legislative requirements for new buildings
- Business started in community where sawmill had just closed down

Added Value:

- Environmentally friendly building system
- Boost rural development through job growth and value creation

Innovation:

- Use of business incubator to start project
- New and environmentally friendly product design

Challenges:

- Building legislation can hinder innovation
- Financing and delay of income can hamper success

PDO Bois de Jura, France and Switzerland

Overview:

- Bois de Jura lies on Swiss – French border
- The wood is processed in both France and Switzerland
- Applied for joint cross-border protected designated origin (PDO)

Added Value:

- PDO for wood adds value to wood under PDO terms

Innovation:

- Cross-border cooperation
- PDO for wood as opposed to traditional use of label for food

Challenges:

- Applying for PDO in two countries
- Cross-border collaboration

Comparing the added value of domestic timber - produced and processed in different supply chains in South Tyrol, Italy

Overview:

- Studied economic added value (AV) of production, processing, and refinement of wood in a regional network

Added Value:

- Found significant AV from regional production
 - Pulp wood to energy
 - Logs to wood-panels
 - High quality logs to furniture

Innovation:

- Stepwise calculation of (AV) along chain
- Make local actors aware of AV of regional production

Challenges:

- Even if AV was found along chain, products must still be competitive on the market

Law and Order in the Forest Supply Chain, Primorsko-goranska županija, Gorski kotar

Overview:

Goal is to understand the condition of privately owned forest land parcels and integrate them into forest supply chain.

Added Value:

- Parcels are unmanaged, unexploited
- Provide physical and legal clarity
- Local development

Innovation:

- Use legal framework, GIS, GPS, practical solutions
- Restore unused land

Challenges:

- Funding
- Cooperation of participants (government, local development, private)