

WHAT BIO4ECO BROUGHT US?



Partnership



Forest Sciences and Technology Centre
of Catalonia (lead partner)

Govt. of Catalonia - Directorate General
of Forests

Regional Council of North Karelia

Ministry of Agriculture Republic of Latvia

French Federation of Forest
Municipalities

Latvian Forest Owners' Association

Slovenia Forest Service

Executive Forest Agency of Bulgaria

Abruzzo Region Rural Devt. and Fisheries
Policies Dept.

Regional Development Agency Centru



Generalitat de Catalunya
Departament d'Agricultura,
Ramaderia, Pesca i Alimentació



REPUBLIC OF SLOVENIA
MINISTRY OF AGRICULTURE, FORESTRY AND FOOD



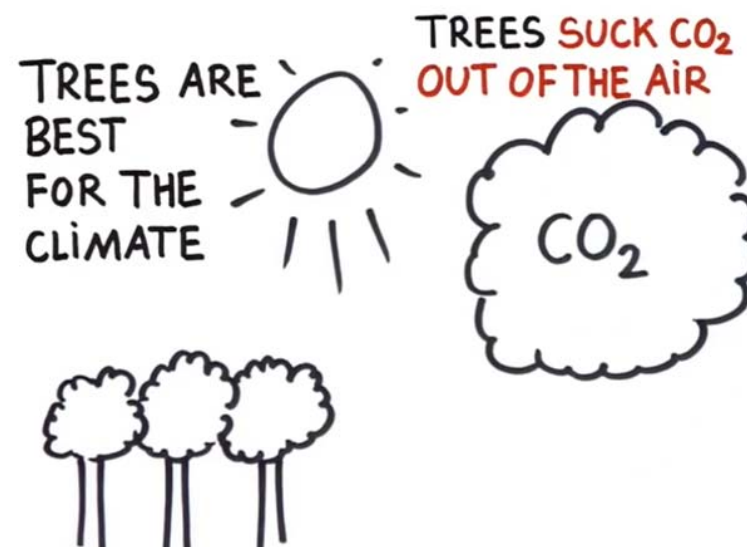
Expected outcomes

- Increase the share of renewable energy in the overall energy mix.
- Take into account bioenergy and bioeconomy in all planning and decision making.
- Lay the groundwork for future integrated strategies and programs for regional bioeconomy and carbon neutrality, gaining social acceptance for bioenergy.



Facts and figures

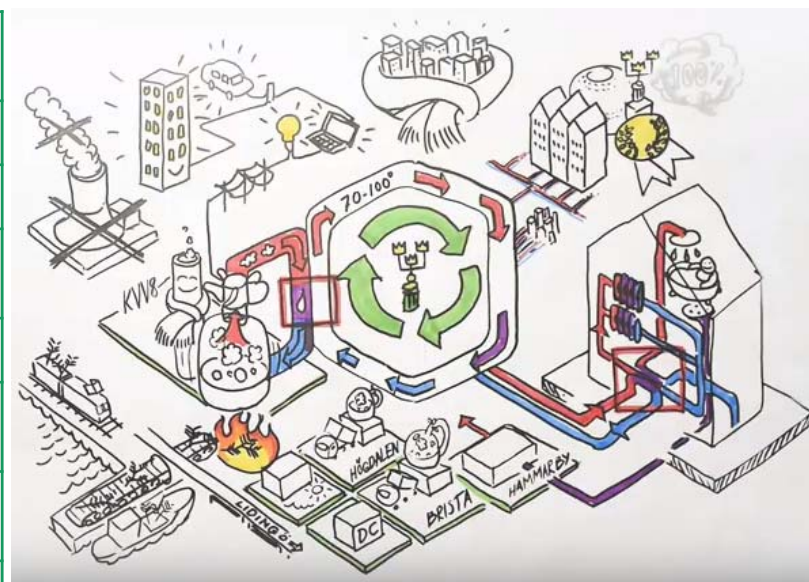
- Number of policy learning events organized: 80
- Number of good practices identified: 16
- Number of people with increased professional capacity due to their participation in interregional cooperation activities: 186
- Number of action plans developed: 8
- Number of appearances in media: 87
- Sum of the average of total sessions at the project web page: 3,900
- Reported expenditure: 1,345,000 €



SUSTAINABILITY & BENEFITS

North Karelia - Eno cooperative: inexpensive district heat with local forest biomass

Local forest owners associated	55
Heating plants owned	3
District heating length	11 km
Amount saved during 15 years	4.1 Mio EUR
Oil replaced	12,600 barrel/yr
Reduction CO ₂ emission	5,000 t/yr
Local economy benefits	2 Mio EUR/yr
Additional employment	7-10 man/yr



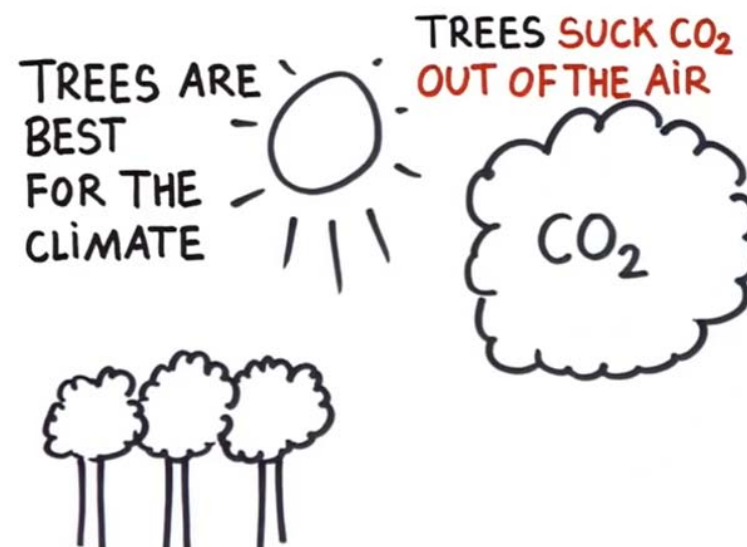
Catalonia - Reducing forest fire hazard through a zero mile forest biomass market

Forest biomass harvesting for thermal use	3,250 t/yr
Forest biomass for thermal use	750 tep/yr
Improving managed forest area	160 ha/yr
Reduction CO ₂ emission	1,200 t/yr
Equivalent dwellings fed	735



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What else BIO4ECO brought us

- A great opportunity to learn and share experience with other countries to identify solutions for improving partners' policy instruments.
- Increasing knowledge on technology, productive and socio-economic contexts related to bioenergy .
- Gaining international experience in the field of policies and methods for more effective use of biomass for energy purposes .
- Support our governments for the integration of bioenergy strategies.



Quadruple BIO4ECO helix

1. Technical innovation
2. Biomass certification and emissions monitoring
3. Social awareness
4. Policies coordination





European Union
European Regional
Development Fund

Forest Science and Technology Center of Catalonia
Solsona - Catalonia
www.ctfc.cat