

Intelligent Energy



Europe

DECISION **MAKING** AND **IMPLEMENTATION** **TOOLS** FOR DELIVERY OF LOCAL & REGIONAL **BIO-ENERGY** CHAINS

MAKE-IT-BE

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MAIN OBJECTIVES:

- Promote the development of tools that support a large-scale integration of **biomass resource and bio-energy technologies in energy planning** in EU Member States
- Create conditions for **better communication** between a wide range of stakeholders through the establishment of regional platforms (**bio-energy partnerships**) targeting a more ambitious increase in bio-energy share in regional/national policies.
- Transform the general targets of bio-energy promotion of 4 EU Regions into concrete **agendas for delivery of bio-energy chains**, by combining investments, creation of **market structures** and services, **pilot projects, educational courses** (e.g. in high schools/universities) and **dissemination activities**.
- Promote replication of bio-business initiatives, by means of a framework that **multiplies opportunities for social, economic and environmental improvement** throughout Europe

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The partnership



C.R.P.V. - Centro Ricerche Produzioni Vegetali (IT) (Coordinator)

ICLEI European Secretariat GmbH (DE)



Highland Birchwoods - HB (UK)

Comitato Termotecnico Italiano Energia e Ambiente - CTI (IT)



Europäisches Zentrum für Erneuerbare Energie Güssing - EEE (AT)



European landowners Organization asbl - ELO (BE)

Zavod za gozdove Slovenije – ZGS (SI)



**ZAVOD za GOZDOVE SLOVENIJE
Slovenia Forest Service**



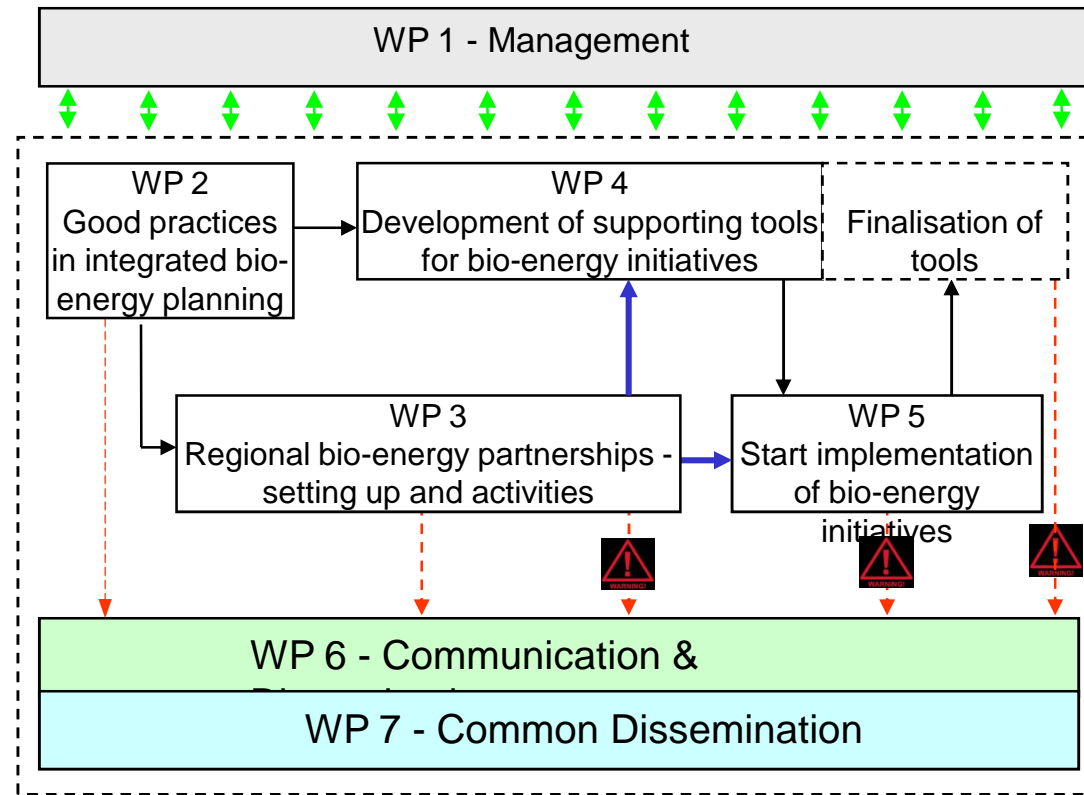
Centuria RIT Romagna Innovazione Tecnologia (IT)

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WORK PROGRAMME



Co-ordination activities



Methodological/knowledge inputs to WPs



Input from established regional RBPs (Regional Bio-energy Partnerships)



Inputs for dissemination activities



Warnings on key dissemination activities

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CONSORTIUM AND REGIONS COVERED

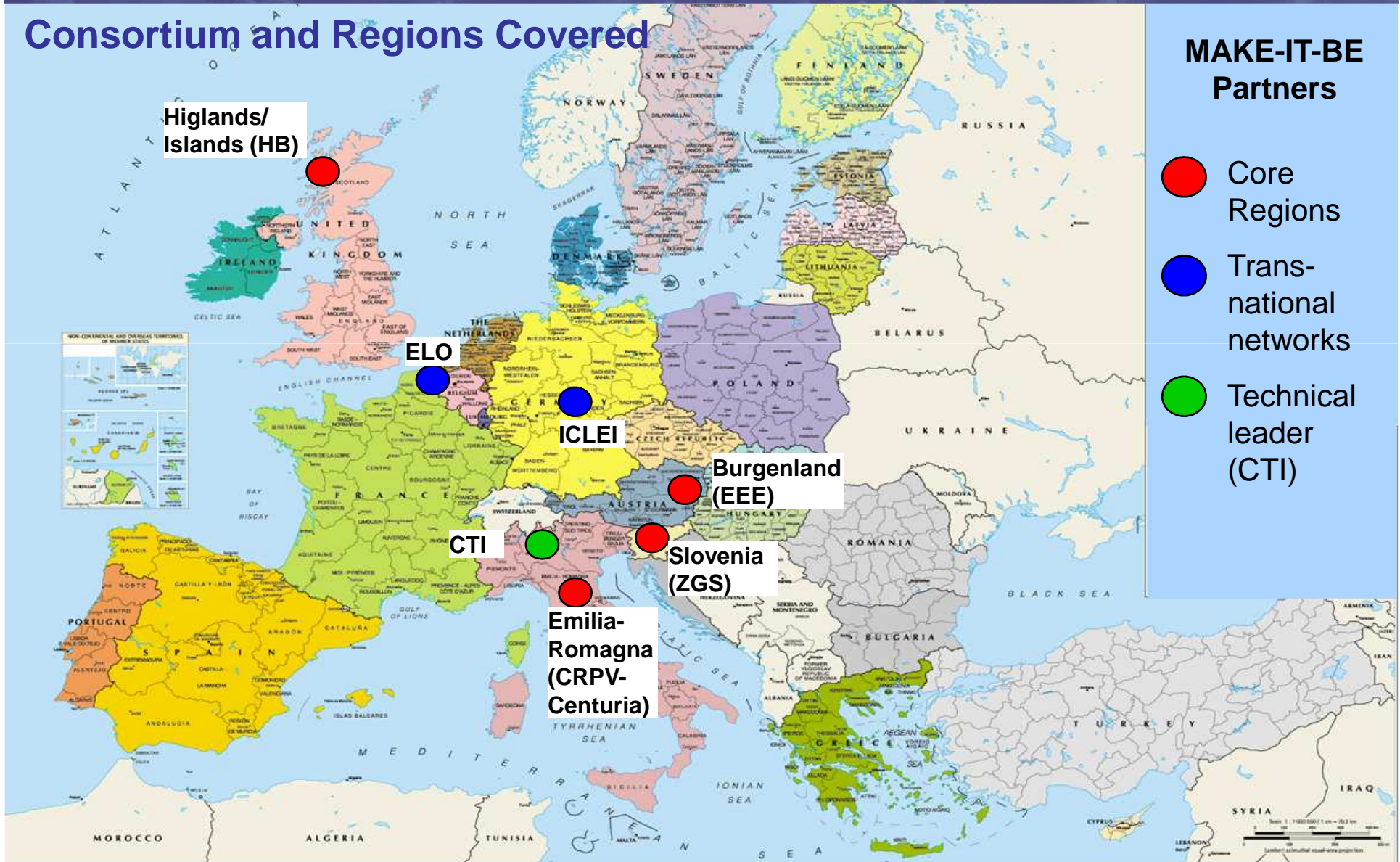
Region	Population (inh.)	Area (km ²)	Participant name / Short name	Country	Main Role in Consortium
Emilia Romagna (IT)	~ 4 200 000	~ 22 000	Centro Ricerche Produzioni Vegetali / CRPV	IT	Coordinator
			Centuria RIT Romagna Innovazione Tecnologia / CENTURIA	IT	Regional leader
Highlands/ Islands (Scotland – UK)	~ 240 000	~ 34 000	Highland Birchwoods / HB	UK	Regional leader
Güssing/ Burgenland (AT)	~ 280 000	~ 4 000	Europaisches Zentrum für Erneuerbare Energie Güssing / EEE	AT	Regional leader
Slovenia (SI)	~ 2 000 000	~ 84 000	Zavod za gozdove Slovenije / ZGS	SI	Regional leader
Trans-national partners			Comitato Termotecnico Italiano / CTI	IT	Technical leader
			European Landowners Organisation / ELO	BE	Good practices & dissemination Leader
			Iclei European Secretariat / ICLEI	DE	Good practices & communication support

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Consortium and Regions Covered



Main EXPECTED RESULT	QUANTIFICATION OF SUCCESS
<p>IDENTIFICATION OF GOOD PRACTICES and CRITICAL FACTORS FOR AN EFFECTIVE DEVELOPMENT OF BIO-ENERGY CHAINS</p>	<ul style="list-style-type: none"> •best/bad practices analysed per country
<p>DEVELOPMENT OF REGIONAL PLATFORMS (BIO-ENERGY PARTNERSHIPS) FOR DISCUSSION / KNOWLEDGE SHARING/ REFINEMENT OF TOOLS /ADVISORY & SUPPORT SERVICES</p>	<ul style="list-style-type: none"> •key actors of representatives of target groups •participating in Regional Bio-energy Partnership (RBP) of each region
<p>DEVELOPMENT AND PROMOTION OF DECISION-MAKING TOOLS FOR SUPPORTING BIO-ENERGY CHAINS IMPLEMENTATION</p>	<ul style="list-style-type: none"> •evaluation of cost/benefits and local markets •public-private partnership •regional platforms •approve tools •training course
<p>STARTING IMPLEMENTATION OF BIO-ENERGY INITIATIVES IN 4 EU MEMBER REGIONS</p>	<ul style="list-style-type: none"> •integrated bio-energy plans for the region under scope
<p>DISSEMINATION OF PROJECT RESULTS</p>	<ul style="list-style-type: none"> •visitors/year •media releases/articles; journal/magazine articles • seminars/training session

STRATEGIC EXPECTED RESULT	QUANTIFICATION OF SUCCESS (PER REGION)
<p>CREATION OF NEW MARKET OPPORTUNITIES FOR ACTORS WITHIN BIO-ENERGY CHAINS</p>	<ul style="list-style-type: none"> • farmers / foresters entering biomass supply business • New bio-energy businesses
<p>CREATION OF NEW SOURCES OF INCOME AND EMPLOYMENT OPPORTUNITIES FOR ACTORS WITHIN THE FARMING AND FORESTRY SECTOR, AS WELL AS INDUSTRIES PRODUCING WASTE WOOD AS A BY-PRODUCT</p>	<ul style="list-style-type: none"> • Jobs created
<p>MARKED ACCELERATIONS OF IMPROVEMENTS IN REPLACEMENT OF FOSSIL FUELS WITH RENEWABLE FUELS; REDUCED DEPENDENCY ON IMPORTED SOURCES OF ENERGY; CONTRIBUTIONS TO MEETING NATIONAL, EUROPEAN AND INTERNATIONAL ENVIRONMENTAL AND ENERGY RELATED TARGETS AND POLICIES AT LOCAL LEVEL</p>	<ul style="list-style-type: none"> • Bio-energy share achieving
<p>ENVIRONMENTAL IMPROVEMENTS INCLUDING DECREASED DIFFUSE POLLUTION FROM AGRICULTURE, IMPROVED ABATEMENT AGAINST EUTROPHICATION OF WATER BODIES, DECREASED ORGANIC WASTE TO LANDFILLS, ABATEMENT OF SMELLS FROM MANURE</p>	<ul style="list-style-type: none"> • Decreased organic waste
<p>PROMOTION AND AWARENESS OF EUROPEAN BIO-ENERGY-RELATED POLICIES AMONGST LOCAL CITIZENS IN EACH COMMUNITY</p>	<ul style="list-style-type: none"> • Citizens and stakeholders informed on bio-energy plans/programme
<p>REPLICATION OF THESE BENEFITS ON A WIDER EUROPEAN BASIS DRIVEN BY THE DISSEMINATION PROGRAMME</p>	<ul style="list-style-type: none"> • Regions adopting MAKE-IT-BE tool-box and setting an agenda for bio-energy