

Consortium Project SEEWoodNetwork



AUSTRIAN ENERGY AGENCY

Austrian Energy Agency (AEA)

The Austrian Energy Agency is the national centre of excellence for energy. New technologies, renewable energy, and energy efficiency are the focal points of our scientific activities. The objectives of our work for the public and the private sector are the sustainable production and use of energy and energy supply security. We are an independent think tank that manages knowledge, provides the basis for well-founded decision making, and develops suggestions for the implementation of energy-related measures and projects. Energy has become an essential part of human existence. Energy supply is a topic of economic, social and political relevance that touches on the conflicts arising from scarcity of resources, rising prices, environmental damage, and the demands of modern societies. Questions of securing energy supply for the future, sustainability of resources, and the efficient and prudent use of energy are at the core of our research and consulting activities.

The Austrian Energy Agency prepares the ground for decisions in politics, public administration and the industry with detailed research and by highlighting important dependencies and connections between topics. It also provides information for all target groups in our society on the backgrounds and developments in the field of energy production and use. AEA advises decision-makers in politics, science, and the industry on the basis of our mainly scientific work. AEA prepares political, energy and economic expert opinions, economic feasibility analyses, social analyses, feasibility studies, and evaluations.

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Federal Research and Training Centre for Forests, Natural Hazards and Landscape (BFW)

The Federal Research and Training Centre for Forests, Natural Hazards and Landscape (BFW) is a multidisciplinary research and training institution and holds the legal status of an institution under public law. The work spectrum of BFW covers all aspects of forests and multi-functional forest management – from an economic, ecological and social point of view with the goal to provide knowledge-based answers for the benefit of society in the thematic areas of:

- sustainable forest management,
- forest and climate change,
- forest and water,
- bioenergy,
- biodiversity and
- protection against natural hazards.

BFW's research focus rests on the sustainable production of timber and biomass in biodiversity rich and climate change resilient forests, aiming to:

- provide national and international policy and decision makers, forest managers and consultants with solid and scientific based expertise,
- disseminate acquired and practical knowledge on to society,

provide vocational training for forestry technicians and workers as well as environmental education practitioners and forest pedagogues at two training centres.

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Slovenian forestry institute (SFI)

The Slovenian Forestry Institute (SFI) is the main national forest research institute in the field of basic and applied forest research, forest landscape, forest ecosystems, forest health, forestry, wildlife and hunting in Slovenia, which wholesomely target forests biodiversity and their management under changing climate conditions. It was founded by the Government of the Republic of Slovenia. Research and development activities at SFI are carried out in the frame of national and international project, the Research Programme Forest Biology, Ecology and Technology, and trough activities in the frame of Public forest service. SFI has strong connection to different target groups and end users of our research results (research community, forestry industry, wood processing industries, forest owners associations, NGO and others).

Department of Forest Techniques and Economics follows the development of modern forest techniques and efficient technologies appropriate for our geographical and socio-economical conditions. Important activities are: creation of modern technological maps, evaluation and standards setting for particular phases of technological processes, economical evaluation of forest functions, effective use of wood biomass for energy, monitoring of tree and soil damages caused by felling and skidding, wood flow analysis and roundwood balances.

Department of Forest Techniques and Economics has been involved in R&D projects, dealing with the evaluation of the biomass and energy potential of Slovenian forests and with other wood biomass potentials for more than 20 years. Our main focus is mobilisation of wood from private forests with economical and environmental friendly technologies.

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International Centre for Sustainable Development of Energy, Water and Environment Systems (SDEWES Centre)

The International Centre for Sustainable Development of Energy, Water and Environment Systems (SDEWES Centre) is a non-governmental and a non-profit scientific organization based in Zagreb, Croatia. It engages in specific R&D activities that address the problems common for the countries of the East and Southeast European and Mediterranean regions. It has a vision to provide a platform for communication and exchange of ideas between scientist and researchers that promotes multidisciplinary approach to sustainability and a mission of creating multidisciplinary research and development innovation teams and providing comprehensive R&D activities, assessment and consultation on the research subjects that represent the most important challenges of sustainable development. The main activities of SDEWES Centre include:

- Organization of conferences, courses, summer schools etc.
- Participation in projects in the field of sustainable development and providing consulting services and professional opinion on important issues of sustainability
- Promotion of scientific publishing
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Iniziativa Centro Europea – Segretariato Esecutivo (INCE)

Iniziativa Centro Europea (INCE), also known as Central European Initiative (CEI), is one of the largest and oldest intergovernmental fora active in Central-, East- and South-East Europe, encompassing 18 Countries with a population of about 240 million.

Since 1989, INCE is committed to supporting European integration, and is actively promoting cooperation among its members as well as with a variety of stakeholders that include International Organizations, NGOs, the Academia and other public or private actors. INCE pursues its goals through a combination of multilateral diplomacy, programme and project

management. Cooperation in the field of R&I being on top its agenda, INCE aims at facilitating the links between science, academia and entrepreneurship in a regional perspective.

In this context, the aim of the political cooperation is to supply the countries and their institutions with a flexible, pragmatic platform for regional cooperation, while focusing on their preparation to a future accession to the EU. In doing so, special attention is given to capacity building of non-EU CEI Member Countries which is pursued through know-how transfer and exchange of experience. The CEI is actively engaged in supporting projects in various areas of cooperation, also through the mobilisation of financial resources.

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Hrvatski drvni klaster (HDK)

The Croatian Wood Cluster was founded in 2013 as a non-profit governmental association. It has become one of the main national professional association and operational cluster in forestry and wood processing industry in the Republic of Croatia. It has more than 70 members, mainly wood processing companies. Cluster is a member of a wide European sectoral network, the European confederation of wood working industries, CEI-Bois. Main objectives of the Croatian Wood Cluster are enhancing sustainability and competitiveness of the sector, encouraging innovations, investments, research, knowledge and technology transfer.

Many activities include:

- organization of events, conferences, round tables, study visits
- publishing professional sectoral and informative magazines Wood&Furniture and Private Forests (+weekly informative online newsletter)
- coordination of common sectoral positions between members and lobbying towards national and EU decision-makers
- EU and national projects

Many topics discussed through activities of the Croatian Wood Cluster are related to an adaptation of EU legislative, circular economy, bioeconomy, energy efficiency, sustainability, green public procurement, education, best-practices, technology transfer, innovations, etc. Work of the Croatian Wood Cluster is based on a triple helix mode, which means it aims to connect enterprises, policy and academia and has a key role in facilitating cross-sectoral networking.

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Holzcluster Steiermark GmbH (HCS)

In close collaboration with regional stakeholders from the forestry and wood processing industries, Holzcluster Steiermark GmbH (HCS) is developing and implementing projects along the value added chain with a special focus on supply chain management, innovation and design, forest industry 4.0. and timber construction. Together with our shareholder proHolz Styria we are constantly working on increased use of wood based products, supporting the market development in Styria and South East Europe.

HCS has know-how and long term experience in

- High experience in forestry, wood processing industry and wood construction
- Outstanding market intelligence in Central and South East Europe
- Direct access to companies and creative minds
- Long-term record in fostering capacity building in forest industries
- Market exploitation and dissemination of results and outcomes to business, policy and decision makers

To sustain and to regionally anchor project results Holzcluster Steiermark GmbH brings in a large stakeholder network of multipliers from research, business and public authorities.

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University of Belgrade, Faculty of Forestry (UNIBG-FoF)

The Faculty of Forestry of the University of Belgrade is the oldest and most important scientific institution of higher education in the fields of forestry, wood processing, landscape architecture and horticulture and ecological engineering for soil and water resources protection in Serbia. Faculty of Forestry is, since its foundation, the holder or participant in numerous research projects and has a very developed cooperation with national and international scientific, professional organizations in the field of bio-science and cooperation with colleges of the country, the region and the world. International cooperation is achieved through the joint study, the participation of professors from other faculties in teaching as well as in the development and defence of the doctoral dissertation, through joint projects (TEMPUS, WOCAT, FOPER, Program for the Development of the Forestry Sector Serbia, etc.). Also in the participation of experts from the Faculty in international organizations and professional bodies such as Committee on Forestry, UNESCO, IUFRO, Timber Committee UNECE / FAO and EFI, COST, ECLAS, EFLA, IFLA, ISHS, Ellas, etc.. Faculty of Forestry is the biggest forest research institution in Serbia which covers all aspects of Forestry, Wood Industry and Environment and employs 298 people which 105 are researchers.

Faculty has been involved in R&D projects, dealing with the evaluation of the biomass and energy potential of Serbian forests and with other wood biomass potentials for more than 20 years. Main focus is mobilisation of wood from state and private forests with economic and environmental friendly technologies. During the years Faculty has established a large network of stakeholders which is relevant for dissemination of project results as foreseen.

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Ustav pro hospodarskou upravu lesu Brandys nad Labem (ÚHÚL)

The Forest Management Institute (FMI), in Czech “ÚHÚL”, is a government organization established by the Ministry of Agriculture of the Czech Republic. FMI employs about 450 people. Main activities of FMI are:

- Forest inventory in the Czech Republic (FI) – FMI completely provides NFI in the Czech Republic and is a partner for international cooperation on inventory field.
- Information and Data Centre (IDC) for forest and game management sector of the Czech Republic The Information and Data Centre executes the administration of the central database and archives on forests and game management in the Czech Republic which includes monitoring data and other related information. The most important function is the regular administration and entry of forest and forest management data collected in the Czech Republic and the accessibility of this data to the bodies of forest administration in the government and to the interested public.
- The compilation and administration of Regional Plans of Forest Development (RPF) data including the execution of uniform forest typologic system in the Czech Republic Regional Plans of Forest Development (RPF) are the defining principles of forest management according to the natural forest areas in the Czech Republic. They stem from the concept of sustainable forest management and hope to minimize conflict between societal interests and those of particular forest owners.

These principles serve as information resources for executing forest management plans, forest management outlines, as well as the support for government administration decision making.

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National Forest Centre (NFC)

National Forest Centre (NFC) is a semi-budgetary research and professional organization established by the SR Ministry of Agriculture and Rural Development of the Slovak Republic (MARD SR) dealing with research, training, information management and planning in the field of forestry and forest products utilization. NFC secures tasks in the field of forest-related research, expertise, education and consultancy, forest monitoring, forest management planning and related reporting obligations. NFC represents the Slovak Republic in various international bodies (e.g. Forest Europe, FAO, UNECE, IUFRO, EFI). NFC secures tasks issuing from the national legislation such as control of forest reproductive material, operation of the national Forest Protection Service, supervision of national forestry databases, crisis management in case of calamity events, etc. Currently, NFC has 235 employees and annual turnover more than 8,000,000 EUR. In 2015, NFC participated or coordinated 21 national research projects, 8 international research projects, 28 commercial activities, and 19 tasks and other actions related to the requests of the MARD SR.

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Institutul National de Cercetare-Dezvoltare in Silvicultura Marin Dracea (INCDS)

The National Institute for Research and Development in Forestry (INCDS) “Marin Drăcea” was established in 1933 under the brand Forest Research and Experimentation Institute (ICEF). Based upon the Government’s Decision 318/2015, INCDS was reorganized as national research and development institute under the coordination of National Authority for Scientific Research and Innovation (ANCSI) of the Ministry of Education and Scientific Research. INCDS is certified as an institution part of the Research and Development System of National Importance and as a Excellence Centre at national level in the field of Forest Biology and Forest Management, by the national authority for research and development. It is licensed for forest management planning,

ecological reconstruction and watershed management, forest risk assessment, forest cartography, geodesics and photogrammetry, seeds quality and conservation, pesticides testing on behalf of forest certifying purposes.

Scientific research and technical development in the framework of INCDS move towards priority objectives of forest sector, in the framework of national and international research programs, specific to the following domains: forest ecology, forest measurement, genetics, protection, silvotecnics, management planning, watershed management, forest shelterbelts and ecological reconstruction, wild game and fish management.

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