

First name	Surname	E-Mail-Adresse	Institution	Type of organisation	Country	Project idea	Existing experience / network	Needed experience / partner	
123	RODRIGO	TORIJA SANTOS	rodrigo.torija@incamedio.com	INCA Medio	SME	SPAIN	Our company is interested in developing digital tools for the management of multifunctional forests, as a part of an strategy to increase their sustainability and economic efficiency. We are particularly interested in the development of web tools that allow us to assess the production of different forest resources in climate change scenarios, in order to adapt their management to climate change.	Experience on digital forest mass mapping, handling & analyzing spatial data and data mining; public forest management plans; digital tools for communication of climate change adaptation scientific research.	Scientific partners developing production models of forest resources in climate change scenarios.
122	Daruka	Prasad	darukap@bmsit.in	B M S Institute of Technology and Management	Teaching and Research Organization	India	Use of many unused plant extracts for the preparation of nanostructured materials and their applications to the advanced technology	Any one can browse our public link of ORCID https://orcid.org/0000-0002-6485-3673 where we have good number of publications in the above stated field.	To take up our preparation ideas to the industry level.
121	Goran	Turk	goran.turk@fgg.uni-lj.si	University of Ljubljana, Faculty of Civil and Geodetic Engineering	University	Slovenia	Design and production of innovative hardwood and combined structural elements. Circular use of forest-based products from logs to recycled wood. Problems to be addressed: <ul style="list-style-type: none"> • Raw material control (measurements of logs, boards); • Grading, machine grading of hardwood; • Non-destructive measurements and quality assessment of timber elements (laboratory, in-situ and reclaimed wood); • Engineered timber elements, glulam, connections... • Moisture in wood and moisture dependent wood properties; • Fire analysis, coupled moisture and heat transfer analysis; • Structural design and reliability analysis for normal and elevated temperature environment; 	<ul style="list-style-type: none"> • NDT and destructive testing database of spruce and beech wood. • Ongoing beech NDT and destructive (tension and bending) testing for raw material properties of beech elements for construction use. NDT and destructive testing of wood to derive better measuring methods for in-situ inspection, damage and evaluation of timber elements in old buildings. Measuring fire resistance properties/characteristics and mechanical properties of fire exposed timber of different hardwood species (ash, beech, oak and maple) on the small elements and glulam beams. • Experts in simulation of fire and moisture models in wood. • Formwork design/calculation for concrete structures. • Inspection on old buildings in collaboration with local companies. • Working with local sawmill, glulam, construction, structural design and concrete formwork companies. 	<ul style="list-style-type: none"> • Structural design of new type of timber elements; • Timber production processes; • Use of hardwoods in structures; • Design of connections, use of high capacity adhesives and durable/effective coatings for hardwood; • Experts in renovation and recycling of wood material; • Inspections of existing/historical timber buildings.
120	Jinze	Dou	jinze.dou@aalto.fi	Aalto University	University	Finland	Fractionation of willow biomass for combined production of fibers, chemicals and energy. Willow bark is a rich source of heterogeneous polyphenolic compounds and a potential but little studied feedstock for possible biorefinery processes aiming at production of extracts, fibers. Willow wood can be used for bio-char or bio-ethanol production.	1) Morphology and Overall Chemical Characterization of Willow (Salix sp.) Inner Bark and Wood; 2) Characteristics of hot water extracts from the bark of cultivated willow (Salix sp.); 3) Chemical structure of lignin in willow bark; 4) Cellulose Nanofibrils (CNF) production from willow bark using green acids	We want to be co-partners for developing the willow biorefinery process; and we would like to seek the topics like: bio-char or bioethanol production from willow wood; Phenolic application in pharmaceutical or chemical industries; Genetics study for the high growth of willow and/or high phenol fractions.
119	Yeliz	Sari Nayim	yelizsari@yahoo.com	Bartın University	University	Turkey	Bringing Local Fruit Species in Bartın (Turkey) Forest Habitats into Green Economy	Conservation of Landscape for important species and biotopes, Developing urban and rural landscape characters through Sustainable tourism.	Identification and protection of sustainable non-wood forest products from natural and cultural forest landscape
118	Javier	Chaar	chaar.javier@inta.gob.ar	INTA (Instituto Nacional de Tecnología Agropecuaria)	Research organization	Argentina	Multifunctionality forestry systems of Prosopis spp.: crop protection, timber, firewood, human and animal food // Agamic propagation of Prosopis species // Ecosystem services assessment // Non-wood forest products: algarroba flour, organic honey from algarrobo flowers // Woody growth studies on Prosopis spp. by dendrochronology and dasometry under dry and irrigation conditions.	Ecological studies of Prosopis on arid and semiarid environments. Germplasm bank of Prosopis. Regional net of science & technology institutes (INTA, CONICET, UNCuyo, MINAGRO).	Propagation techniques. Different assessment methods for Ecosystem Services. Making technologies and commercialization for non-wood forest products. Dendrochronology.
117	Reinis	Vilskersts	reinis.vilskersts@rsu.lv	Riga Stradiņš University	University	Latvia		Different in vitro & ex vivo models for the studying of biological activity	

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116	Panagiotis	Koulelis	pkoulelis@fria.gr	Institute of Mediterranean Forest Ecosystems	Research organisation	Ελλάδα	Measuring the Impact of climate change to the forest sector in the Mediterranean countries	Experience in European research project, experience in Mediterranean forest ecosystems vulnerability in global warming, experience in forest sector outlook studies	Experience in European research project, experience in Mediterranean forest ecosystems vulnerability in global warming
115	Jan-Erik P.	Nordström	jan-erik.nordstrom@ivl.se	IVL - Swedish Environmental Institute AB	Research organisation	Sweden	Process closure, water saving, product development, graphic arts, bioproducts	Production, Product Development, Processes, electrical waste water treatment	Lignin supplier, mill to close water circuits, water saving interests, electric waste water treatment, production units interested in system waters closure
114	Mohammed	Afifi	mohammed.yosri@yahoo.com	The Regional Center for Mycology and Biotechnology - Al-Azhar University	Research organisation	Cairo, Egypt	Screening of anti rheumatic drugs from certain trees growing in Egypt	We are a group in the Regional center from Mycology & Biotechnology- Alazhar University, Cairo, Egypt- already have an experience & facilities of extraction of bio-active compounds from different biological sources & trees - we developed a hypothesis of extraction of bio active compounds against rheumatoid arthritis. Fortunately we have a network with a group in William Harvey institute -Reumatology Center- Queen Mary University- UK , to test these bio active compounds & verify these results, So we are now two partners	Industrial partner to manufacturer the innovation in large scale
113	Nancy	Irwin	amaterrald@gmail.com	Amaterra Ltd	Company	UK		sustainable development	
112	Anna	Zaręba	anna.zareba@uwr.edu.pl	University of Wrocław	University	Poland	The main goals of the research are: to identify opportunities for the restoration & enhancement of forests in already developed areas, to provide mechanism to identify green areas used for multiple functions: including ecological, recreational, cultural, aesthetic & other uses. The task is to present models of the urban & suburban forests strategy construction using various examples of metropolitan areas as case studies. The research hypothesis is that network of urban & suburban forests is a framework for conservation & development & we need to design forests systems strategically to connect across urban, suburban, rural & wilderness landscapes & incorporate green spaces elements & functions at the state, regional, community, neighbourhood & site scales. Analysis & design of emerging urban & suburban forests system take a holistic view which links related physical, environmental, economic, social & cultural aspects of local communities.	Dr inż. Anna Zaręba Field: Spatial Economy Research interest: green infrastructure, multifunctional forests, regional development, landscape modelling, landscape transformation	
111	John	Wideman	john.wideman@kainuunetu.fi	Kainuun Etu Oy	Regional Development	Finland	Looking to add SME/Regional Development inputs to various project ideas: SME case input for interdisciplinary merit - Nordic Biorefinery Concept (Themes B1/2/7) - Company who are developing novel value added chemical bio-products from extraction of low quality wood biomass/wood processing side flows.	Kainuun Etu has vast experience of national, trans-European & consortium based research partnerships, also in the bioeconomy - e.g lead partner BRIDGES interreg. Strong leverage, partnerships & contacts with the region's bioeconomy - full forest value chain & RDI. Nordic Biorefinery Ltd is TRL3+ & lab tested proof of concept has been completed for stage I biochemicals utilising an innovative extraction process.	Ready to collaborate with organisations/institutes/other regions with a similar focus on the overarching topic of valorisation of woody biomass, including: -Further development of the wood fractionation -Develop pre-treatment processes (economically viable collection & screening of woody biomass (sawmill chips)) -Joint development of the super critical CO2 extraction process. -Leverage & benchmark with consortium on novel methods/ & processes to valorize the products to as high-level end products as possible - Stage II lignans, stilbenes, flavonoids -Identification of new market opportunities for such
110	Marijke	Steenackers	marijke.steenackers@inbo.be	Research Institute for Nature and Forest (INBO)	Research organisation	Belgium		breeding of poplar & willow, climate change, resistance to pests & pathogens, seed orchards, natural stands & genetic collections of fast growing tree species	

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109	Anne	Gango	anne.gango@xamk.fi	South-Eastern Finland University of Applied Sciences - Xamk	University	Finland	To produce & micronize biochar & find innovative applications	Classification & micronization at the Separation Technology Research Facility of Xamk Xamk is a strong implementer of RDI activities - see more: www.xamk.fi/en .	We want to be co-partners in a biochar project in which wood-based biochar is produced & micronized & utilization applications are developed. Our partners could be research organizations or companies.
108	Anne	Gango	anne.gango@xamk.fi	South-Eastern Finland University of Applied Sciences - Xamk	University	Finland	Micronization of bio-based fly ash & its' utilization in novel applications	Classification & micronization of bio-based fly ash at the Separation Technology Research Facility of Xamk. Xamk is a strong implementer of RDI activities - see more: www.xamk.fi/en .	We want to be co-partners in developing new utilization applications of micronized, bio-based fly ash. Our part would be the acquisition of fly ash from industry/power plants (using wood & peat as a energy source) & the micronization. We would study the properties of micronized fly ash in different applications & evaluate the most promising ones. Our partners could be a research facility or a company focusing on side streams or circular economy.
107	Daniel	Ridley-Ellis	d.ridleyellis@napier.ac.uk	Edinburgh Napier University	University	UK	Wood characterisation, grading & building design for using minor & upcoming species, timber from unmanaged forests, & timber from recycling & reclaim	Research & industry links for: Wood characterisation & grading Timber processing & modern methods of construction Building design & performance Environmental assessments Standardisation	Wood non-destructive testing & grading machines // Demolition, reclaim companies // Research partners with access to other types of timber resource (different species, growth areas, forest management, reclaim & recycling // Expertise in predicting long term trends in timber properties resulting from climate change & forest management // Expertise in building design using less usual timber sources, & design for reuse & recycling // Expertise in wood modification
106	Mercedes	Roman Dobarco	mercedes.roman-dobarco@inra.fr	French National Institute of Agricultural Research	Research organisation	france	Assess the potential effects of forest management practices & species composition on aboveground biomass production & soil organic carbon sequestration in forests along a range of climate & soil conditions. Application of the CENTURY model at stand level, & of forest landscape simulation models (LANDIS II) at landscape scale. It would be interesting to compare different forest species along a climatic gradient (e.g. Fagus sylvatica, Pinus sylvestris...), particularly, in mixed stands. We would use data published in the literature & national forest inventories to set initial conditions of aboveground biomass & soil C stocks, & could assess the model predictions with data from collected soil samples.	Experience on digital soil mapping, handling & analyzing spatial data, data mining & multivariate statistics. Also, I have experience with soil organic carbon stabilization mechanisms & soil organic carbon fractionation methods applied in forest soils. Manuel Martin, a member of the research group has expertise on the CENTURY model, mainly in agricultural soils, & also on digital soil mapping, & spatial analysis.	Researchers & selviculturists with long-term data on soil organic carbon stocks or aboveground biomass, & with knowledge on the management history of potential study sites., & interested in sustainable forest management, including ecosystem services like C sequestration.
105	olivier	picard	olivier.picard@cnpf.fr	CNPF	private forestry research development	france	How to encourage, to accompagny private forester to change their practices, & to adapt their forest management to mitigate the climate change by sylviculture ? to find new tools, like serious game.	yes, national network to adapt forest to climate change, tools to regroup forester for common management plan,	same expérience in other country, serious game,
104	Anwar	Elkharbotly	aelkharbotly71@gmail.com	Desert Research Center	Research organisation	Egypt	Agroforestry systems for sand dunes stabilization at North Sinai, Balouza area, Egypt	21 Years	10-20 years
103	Krister	Tham	krister@katam.se	KATAM Technologies	SME	Sweden	Terrestrial forest measurement by Smartphone, using AI & 3D modelling	First generation of the method/technology is ready for commercial use, several ongoing trials with Swedish forest companies.	Looking for further use cases & collaboration areas for our new disruptive method for digital, objective & high accuracy terrestrial measurement of forest stands (on single tree level).
102	Natalia	Raffaeli	nataliaraffaeli@gmail.com	National University of La Plata (Argentina)	University	Argentina	The use of wood residues for by-products & energy generation in the Forestry Technology Center of La Plata National University	Energy from biomass research group at the University. Wood Technology Center recently developed.	Expertise in energy from forest residues. Training in some technologies like briquettes & pellets manufacturing. Technology providers.
101	Dardo R.	LOPEZ	lopez.dardor@inta.gov.ar	INTA	Research organisation	Argentina	Social-ecological resilience of agro-forestry production systems in Dry Chaco Ecoregion: diversified production, multiple forest use, biodiversity & environmental services.	YES	Yes