

Dear Reader,

ForestValue consortium is proud to present its #2 ForestValue Newsletter. In this newsletter, you can learn about the outcomes of the ForestValue call 2017 and upcoming additional activities planned by the ERA-NET cofund. Further, you will get an update from the ForestValue countries and can find announcements of upcoming international conferences and trade fair in the forest-based bio-economy sector.

Enjoy reading!

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Greetings from the Coordinator

We did it! The ForestValue Call for Proposals 2017 is now finished, and the final joint selection list of projects recommended for funding includes 17 trans-national projects, the projects' overall costs totalling around EUR 26.1 million with a total public funding request of around EUR 21.55 million.

When the ERA-NET Cofund 'ForestValue – Innovating forest-based bioeconomy' started on 1 Oct 2017, we announced that in total, the three ERA-NETs behind ForestValue (WoodWisdom-Net, SUM-FOREST, FORESTERRA) had had national investments of around EUR 67 million to a variety of trans-national co-funded RDI projects (64 funded projects), the total volume of these projects being close to EUR 86 million. Now we can proudly tell that after the joint effort under the ForestValue ERA-NET Cofund, the total volume of national investments is expected to grow with another EUR 21 million, which means that since the first ERA-NET related to forest-based sector in 2004 the total national investments into forest research through these networks of national funders will now be up to more than EUR 100 million.



What about impact, what has been achieved so far and what can we expect from the ForestValue projects?

In March 2018 SCAR Forest released a report on impact assessment of past and existing ERA-NETs and COST Actions within and related to the European forest-based sector. In its conclusion the report makes it clear that *"specifically for the European forest-based sector, which is largely composed of SMEs, the ERA-NET scheme has been the essential backbone for research and development activities"*, and the ERA-NET scheme as such *"has proven to be the perfect instrument for bottom-up, well-tailored research and innovation actions fostering considerable transfer and market impact"*. Still, although it is quite obvious that large investments in P2Ps (incl. ERA-NETs) certainly have added value and progress has been achieved, this needs to be clearly demonstrated (see the conference report of the Annual Joint Programming Conference 2016 "Impacts of Public-Public Partnerships - expectations and experiences", organised by ERALEARN 2020 and the European Commission).

The next steps in ForestValue include a few tasks focusing precisely on demonstrating the added value and progress achieved (Task 4.2 "Follow-up, monitoring and analysis of co-funded projects", Task Leader MINECO.AEI (ES); T5.3 "From Wood-Wisdom-Net to ForestValue: measuring impact of EU collaboration in the forest-based sector, a monograph publication", MIZS (SI); T7.4 "Online evaluation of projects funded by WoodWisdom-Net+, FORESTERRA, Sumforest and ForestValue", BLE (DE)), so during the project we will certainly also learn more about success factors and good practices. Nevertheless, it is also good to remember that there are numerous long-term impacts from research, which may take even up to 50 years to become visible depending on the area and type of research.

It is all about networking

Since the first ERA-NET related to forest-based sector in 2004 the results, make it evident: collaboration is key to successful teams and projects. ForestValue will continue networking different actors, and the coming ForestValue annual seminars are one chance for any stakeholder to get involved. Therefore, please keep following us via website, Twitter, LinkedIn and/or newsletters. Looking forward to meeting you!

Mika Kallio

Coordinator of ERA-NET Cofund ForestValue

¹⁾ <https://scar-europe.org/index.php/news-display/133-scar-forest-report-assessment-of-era-nets-and-cost-actions>

²⁾ <https://www.era-learn.eu/news-events/events/annual-joint-programming-conference-2016>



ForestValue Joint Call 2017 outcomes

17 transnational R&D projects selected for funding!

The ForestValue consortium is proud to present the results of the Joint Call 2017. During the call steering committee meeting held in October at BMEL (Berlin, Germany) 17 transnational R&D projects were selected for funding: 6 addressing the call topic “A Innovative sustainable management of multifunctional forests”, and 11 addressing call topic B, “Innovative industrial production and processing technologies, products, concepts and services”. One hundred and forty nine research teams from 13 ForestValue partner countries (Argentina, Austria, Finland, France, Germany, Ireland, Norway, Poland, Slovenia, Spain, Sweden, Switzerland and the UK) along with 3 teams participating with their own funding from Canada, Estonia, and Portugal will work together in the next three years to develop solutions for sustainable forest management. These teams will also be working to innovate the process of forest-based resources and the production of biobased products and services. As shown in Figure1, Sweden is currently funding the most projects (15), followed by Germany (12), Austria (9), Finland and Norway (8), Slovenia (7), France (6), Spain (5), UK (3), and (1) project each in countries; Argentina, Canada, Estonia, Ireland, Poland, Portugal and Switzerland.

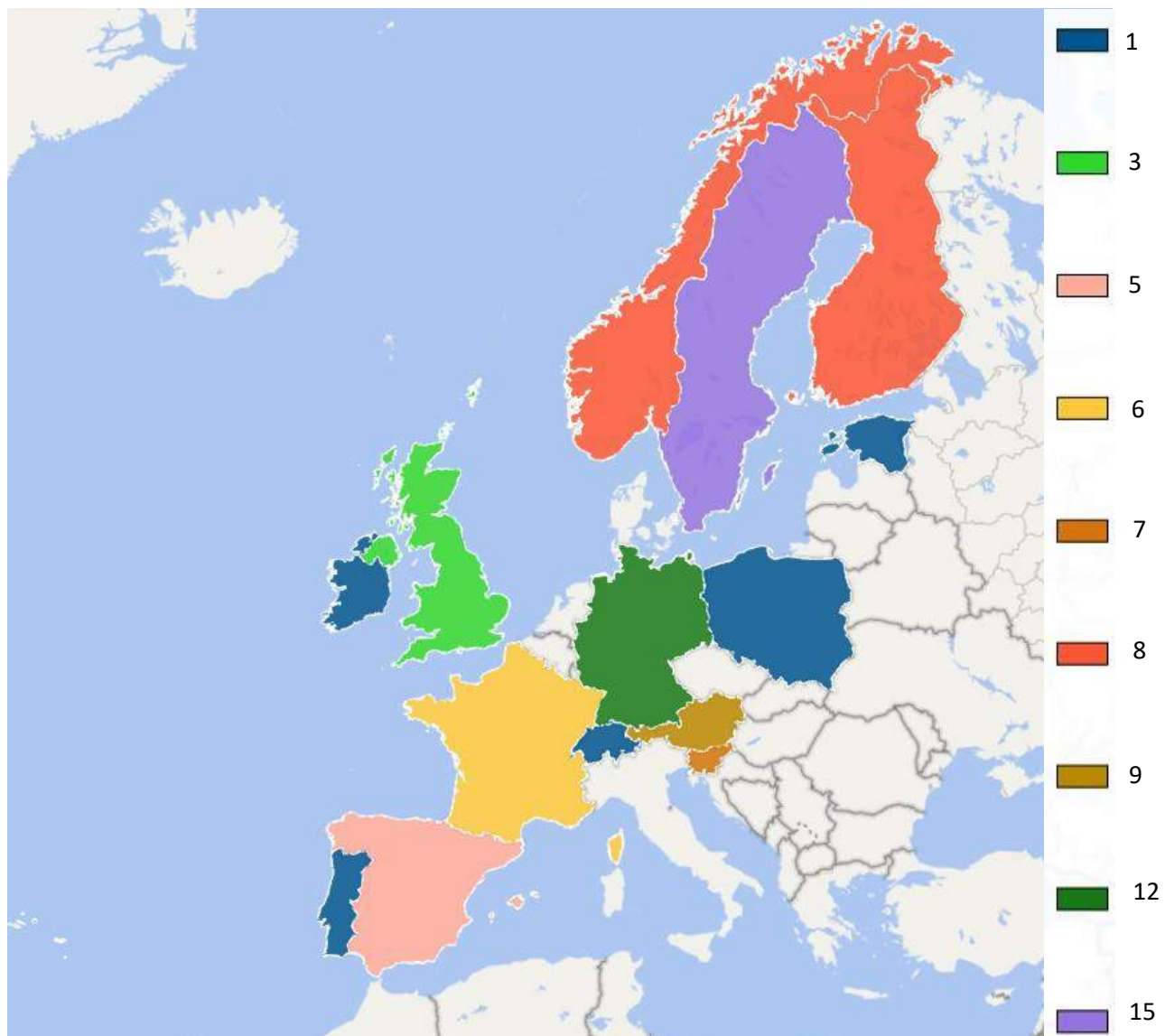


Figure 1: Projects per country

ForestValue

The main portion of research teams come from universities (34%), where 25 % of the beneficiaries are representatives of research organisations. Almost equal shares of participants are distributed between SMEs – 11% and Large Enterprises 12 %. However, 6 % of participating companies define themselves as industrial, which means that the share of industrial research participating in the upcoming projects is almost 30 %. About 10 % of the teams for the upcoming projects are representing other type of organisations including; trade associations, governmental agencies, NGOs, information services, and etc. The fact that such high shares of industrial research and trading entities are involved in the upcoming projects establishes a positive perspective for the future. This is due to the fact that the main goal of the ForestValue call is to support the market implementation of developed products and solutions in the short term. It is also vital to the ForestValue call to implement processes that change the everyday lives of European citizens in a positive way. Out of the 17 selected projects 12 have at least one industrial partner, where the maximum number of industrial partners allowed in a project is 10. The interest of industrial companies on this type of planned research is evident, provided that 4.6 million euros of total project funding has come from said industrial associations. Supplementary to these funds raised by individual industrial companies is the EU's contribution of 3.8 million euros. These funds combined with the national commitment's contribution of 17.7million euros, reaches the 26.1 million euros of funding needed to cover project costs. (s. figure 2).

The majority of projects are of small or medium size containing 3-8 partners. However, there are also 4 large projects with 10, 13, 23, and 26 partners respectively. A positive attribute to having many partners on a project is the benefit of combined knowledge and expertise of partners from up to three to eight countries from Europe and beyond.

All participating partners are now negotiating with their national funding agencies so that projects can be expected to start as soon as early 2019. We wish all teams a successful start in producing cooperative research that will keep readers of the ForestValue newsletter informed about the progress of these declared projects.

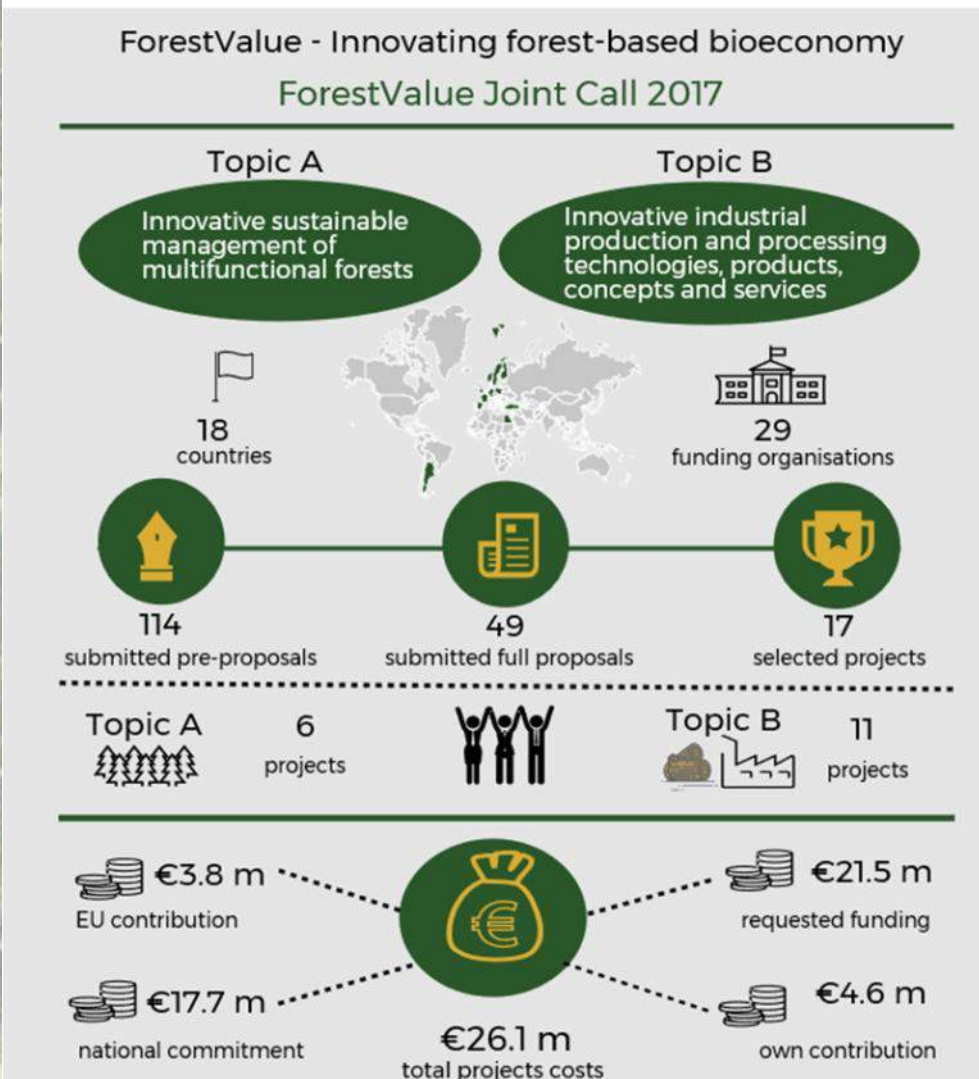


Figure 2: ForestValue Joint Call 2017: facts and figures

Dr. Boris Vashev

**Lead of Task 4.1. Lessons learned
lead form the joint call 2017**

**Agency for Renewable Resources
(FNR), Germany**



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Additional activities in ForestValue

WP7 within ForestValue deals with the additional activities in the call. During summer 2018, the decision was taken which additional activities will take place. All partners were discussing and voting on different options, as the big challenge was to distribute the available money most effectively. Deliverable 7.1, "Agenda and timeline for additional activities: Setting up a roadmap for the additional activities within WP7" was finalized and explains in detail the different tasks. The figure below provides an overview of the tasks.

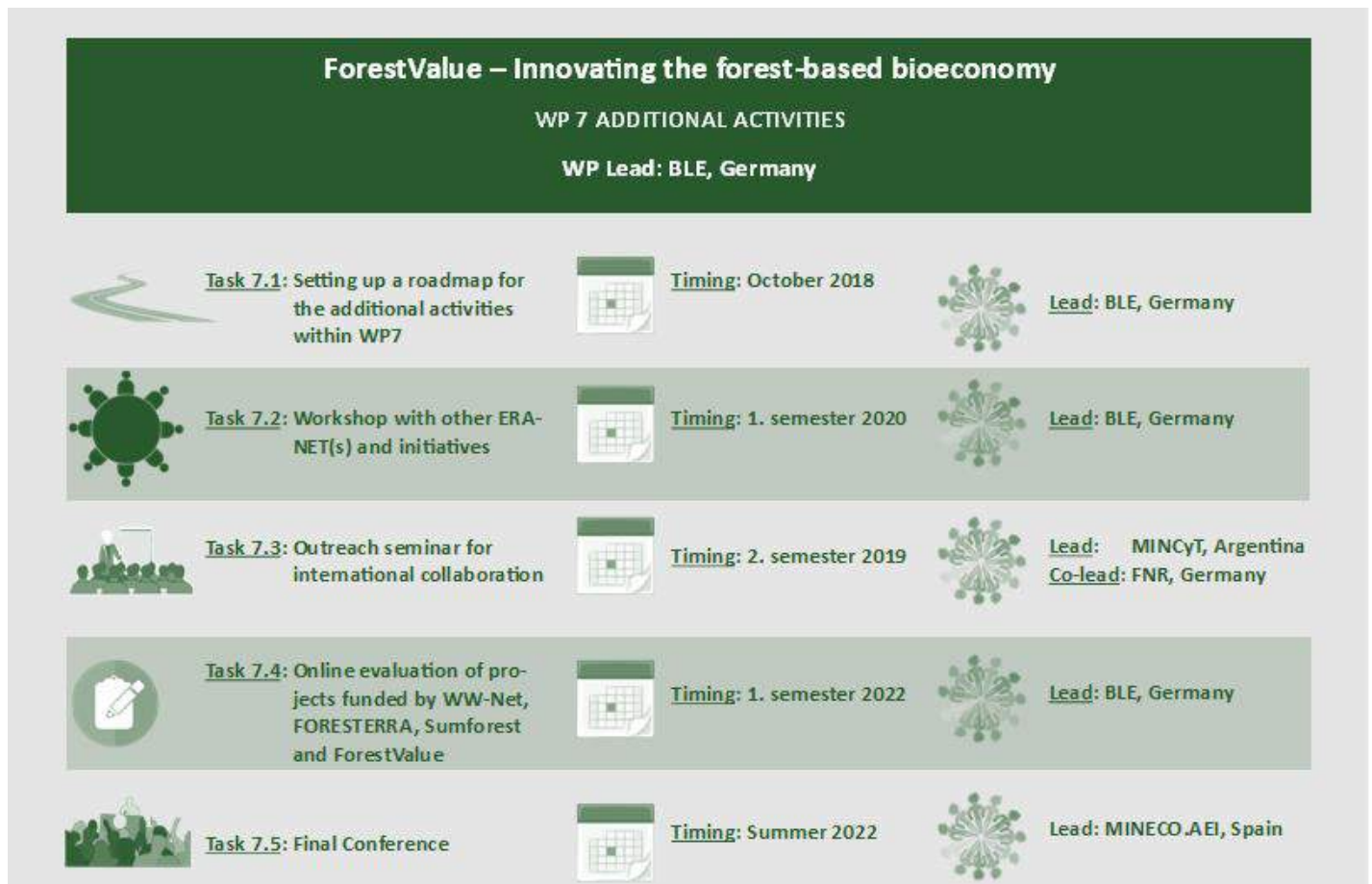


Figure 3: List of planned additional activities

The lively discussions and strong interest by the ForestValue partners on the tasks proved the relevance and importance of additional activities. They provide a great opportunity for evaluation, networking, and collaboration within the forest world. The first big event will take place in the second half of 2019, when MINCyT with a co-lead of FNR will organize an outreach seminar for international collaboration. With the aim to seek for an expansion of ForestValue with international partners, an international workshop "Innovative Forest-Based Bioeconomy for the Future" is planned with keynote speakers from EU and third countries.

In 2020, a workshop (organized by BLE) will take place, where initiatives with complementing scopes as defined within ForestValue will be invited for a workshop to explore the possibilities for a common action, like a joint trans-ERA-NET call, knowledge hub or Thematic Annual Programming (TAP) network, or a major workshop. Furthermore, it is planned to perform a short online evaluation of all projects funded by WW-Net, FORESTERRA, Sumforest and ForestValue. This will enable the forest community to keep track on ongoing and finished projects and to support communication between the respective project coordinators.

Finally yet importantly, an extended final conference will be organized by MINECO.AEI in summer 2022. All ForestValue partners will be invited, as well as representatives of funded projects, representatives from international forest-related organizations such as EFI, FTP, SCAR FOREST and former forest-related ERA-NETs. Project results will be shared and outcomes of ForestValue discussed. A two-day conference is aimed for, preferably back-to-back with a major congress on bioeconomy or another forest-related event.

Vera Steinberg,
WP7 lead: BLE, Germany

European bioeconomy strategy update

A new bioeconomy strategy for a sustainable Europe

On 11. October 2018 the update of the European bioeconomy strategy was presented by Jyrki Katainen, Vice-President for jobs, growth, investment, and competitiveness. This update was also presented by Carlos Moedas; commissioner for research, science, and innovation. The 2018 update of the European bioeconomy strategy aims to accelerate the deployment of a sustainable European bioeconomy. The goal is to maximise its contributions towards the 2030 agenda and its Sustainable Development Goals (SDGs), as well as the Paris Agreement.

The European Commission will actively support and promote all types of innovations and practices for sustainable food, farming systems, forestry, and bio-based production. This will be concluded through a systemic and cross-cutting approach linking actors, territories, and value chains.

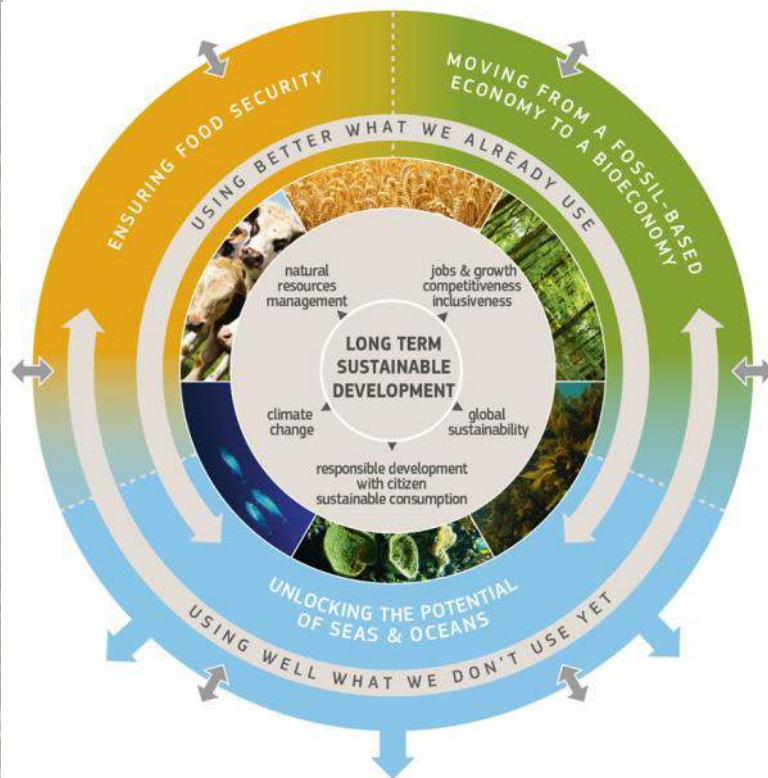


Figure 4: Aims of the European bioeconomy strategy

(source: [European Commission, 2018](#))

The update proposes an action plan including 14 measures related to three major objectives:

1. Strengthen and scale up the bio-based sectors, unlock investments and markets
2. Deploy local bioeconomies rapidly across the whole of Europe
3. Understand the ecological boundaries of the bioeconomy

In order to achieve these objectives, the forest-based sector is expected to play crucial role:

"New opportunities arising for the forestry sector in view of replacing nonsustainable raw materials in construction, packaging with bio-based materials and for providing more sustainable innovations in sectors such as forestry-based textiles, furniture and chemicals, and new business models based on the valuation of forestry ecosystem services."

For 2021-2027, the Commission has proposed to allocate €10 billion under Horizon Europe for food and natural resources, including the bioeconomy.

More: <https://ec.europa.eu/research/bioeconomy/index.cfm?pg=policy&lib=strategy>

The European forest-based sector launched Vision for 2040

FTP presented: "Vision 2040 of the European forest-based sector"

Forest-based Sector
Technology Platform



On Tuesday 20 November 2018 in an event under the umbrella of the Austrian EU-presidency, the "FTP Vision 2040 of the European Forest-based Sector" was launched. The conference, entitled "Vision 2040: The future role of the forest bioeconomy in Europe", aimed to show that the forest-based sector is a leading actor in and enabler of a circular bioeconomy. Representatives of the European Commission, national public authorities, as well as researchers, business representatives and forest owners took part in panel debates and inspiring talks. All in order to help moving from promises to actually achieving real facts and figures.

FTP's "Vision 2040" looks ahead to using the full potential of research and innovation in the forest-based sector to bring about resilient ecosystems, smart products and social growth within the circular bioeconomy. "Knowledge and investment, which leads to a sustainable increase in wood production, is the basis for the entire forest-based value industry".

In line with the UN Sustainable Management Goals and 2015 Paris Agreement, Ten ambitious Vision Targets mark the core of the Vision:

1. Sustainable forest management, biodiversity and resilience to climate change
2. Increased, sustainable wood production and mobilization
3. More added value from non-wood ecosystem services
4. Towards a zero-waste, circular society
5. Efficient use of natural resources
6. Diversification of production technologies and logistics
7. Purposeful, safe jobs and links between rural and urban regions
8. Renewable building materials for healthier living
9. New fibre-based products and 80 per cent lower CO2 emissions
10. Renewable energy for society

Among others these state the importance of resource efficiency, diversification of technologies, purposeful safe jobs and renewable energy.

Forest managers and owners, researchers, companies and policy makers agree: "Strategic cross sectoral alliances with other industries, and the support of investors and public institutions, will play a vital role. "Vision 2040" will facilitate these interactions as it clearly sets out the long-term ambitions of our sector".

More about the FPT 's Vision 2040 can be found [here](#) and the agenda can be downloaded [here](#).



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Country updates

Argentina

Forest development in Argentina

Argentina has a large diversity of soils and climates and in that sense Forestry and Bioeconomy are in the frontline of research and innovation.



Figure 5: Ecological Regions of Argentina

The National System of Science and Technology encompasses the institutions (Policy maker/ technical –research- implementation institutions that follow up these activities.

The Secretariat of Government in Science, Technology and Productive Innovation leads the system and has in the National Agricultural technology Institute (INTA), the agency who primarily performs field research and implementation of Policies.

The institute focuses on value chain research and technological innovation, in order to improve the country's competitiveness and rural development. INTA focuses on innovation as it is key to development, and integrates capacities for promoting inter-institutional cooperation, knowledge and technology sharing through its systems of extension, information and communication.

The Secretariat of Government for Science, Technology and Productive Innovation, INTA, the National Agency for Research and Technological Promotion (ANPCyT) and the National Scientific and Technical Research Council (CONICET), and the Federal Council of Science and Technology (COFECyT) yearly launch calls and have ongoing projects in the following topics:

- Genetic improvement of forest species for high value uses.
- Application of molecular tools for the use and conservation of forest genetic diversity.
- Technology for the incorporation of value, through forestry and management, in forest systems implanted of native and introduced species.
- Forest protection.
- Silvicultural bases to sustain the productivity of plantations and the resources of the environment.
- Development of forest growth and production models, characterization of the quality of forest products and forest economy.
- Technologies and capacities for the management of silvopastoral systems and agroforestry in implanted forests.
- Sustainable management of native forest systems.
- Tools to contribute to the management and multiple sustainable use of native forests.
- Management of silvopastoral systems in native forests.

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Secretariat of Government for Science, Technology and Productive Innovation links to national calls and joint calls in all areas:

<https://www.argentina.gob.ar/ciencia/financiamiento>

ANPCyT permanent windows/calls:

http://www.agencia.mincyt.gob.ar/frontend/agencia/ventanilla_permanente

CONICET calls in all areas: <https://convocatorias.conicet.gov.ar/investigacion-y-desarrollo/>

INTA National Plan on Forestry: <https://inta.gob.ar/proyectos/forestales>

Regional/Integration Process

Though BIOTECH II Programme, the South American Common Market (MERCOSUR), which brings together Argentina, Brazil, Uruguay and Paraguay has recently funded jointly with European funds the project: “Accelerated selection of Eucalyptus for bioenergy from MERCOSUR forestry improvement programs”. This project ended successfully and will have impacts several institutions from South America and European partners.

Diego Alejandro Galeano
MINCYT, Argentina



Ministerio de Ciencia,
Tecnología e Innovación Productiva
Presidencia de la Nación

Finland

Finland preparing for Presidency of the Council of the European Union

Finland's third EU Presidency period begins on 1 July 2019. Member States holding the presidency work together closely in groups of three, called trios. The trio sets a 'trio programme' for a period of 18 months. Finland is in a trio with Romania and Croatia. A common agenda is already under way. The General Affairs Council will adopt it in December 2018. Besides hosting six informal meetings of ministers in Helsinki, Finland will host meetings of working groups and experts.

More: <https://vnk.fi/en/eu/finlands-eu-presidency>

Reduce and Refuse, Recycle and Replace – Plastics Roadmap for Finland

The roadmap is the first step towards a new, sustainable plastic economy. Of the more than 100 proposals made, the roadmap now presents a set of key actions to find solutions to challenges caused by plastics.

More: <http://www.bioeconomy.fi/reduce-and-refuse-recycle-and-replace-plastics-roadmap-for-finland/>

Broad-based cooperation in the preparatory stage provides a good basis for the implementation of the Finnish Bioeconomy Strategy

The strategy was jointly drafted by seven ministries, VTT and Sitra. A large number of stakeholders in the bioeconomy sector, such as companies and organisations representing the interests of bioeconomy actors, were also consulted in the process.

More: <https://www.vtv.fi/en/publications/preparation-of-the-finnish-bioeconomy-strategy/>



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Bilateral forestry cooperation between Mexico and Finland continues

Minister Jari Leppä signed on 23 August an updated Memorandum of Understanding on Cooperation in Forestry between the National Forestry Commission of the United Mexican States and the Ministry of Agriculture and Forestry of Finland.

More: https://mmm.fi/en/article/-/asset_publisher/metsaalan-yhteistyö-meksikon-kanssa-jatkuu

Research and expertise to boost the blue bioeconomy

Finland aims for international growth in water expertise and sustainable utilisation of the aquatic natural resources, i.e. the blue bioeconomy. The Ministry of Agriculture and Forestry has launched extensive preparatory work to define the key priorities for research and expertise in support of business in the sector.

More: https://mmm.fi/en/article/-/asset_publisher/tutkimuksesta-ja-osaamisesta-vauhtia-siniselle-biotalousalle

Past events

Arctic Spirit Conference in Rovaniemi, Finland, on 14-16 November 2018

Among the key topics of the Arctic Spirit Conference in Rovaniemi on 14-16 November was Arctic bioeconomy. How can the bioeconomy be practised in the Arctic region in a way that is responsible and sustainable? How can we promote climate change adaptation in the region? Answers to these questions were sought in a panel discussion organised by the Ministry of Agriculture and Forestry.

More: https://mmm.fi/en/article/-/asset_publisher/miten-arktisen-biotalousden-kestävyys-turvataan-muuttuvassa-ilmastossa-

The first Arctic Resilience Forum in Rovaniemi, Finland, on 10-11 September 2018

The Arctic Resilience Forum, an international conference organised by Finland's Ministry of Agriculture and Forestry in Rovaniemi on 10-11 September 2018, sought to develop the resilience of the Arctic region to climate change. This comprises innovative solutions, as well as management of weather and climate risks and climate change adaptation. The event was organised together with the Ministry for Foreign Affairs and is included in the programme for Finland's Chairmanship of the Arctic Council.

More: <https://mes.eventos.fi/event/arcticresilience2018>

Countries in the boreal coniferous forest zone met in Haparanda, Sweden, on 26 June 2018

Countries located in the boreal coniferous forest zone in the north, i.e. Canada, the USA, Russia, Sweden, Norway and Finland, held a ministerial meeting in Haparanda at the end of June. The themes on the agenda were the growing forest-based bioeconomy and the opportunities it offers to promote a low-carbon society, as well as climate change and its mitigation in the forest sector.

More: https://mmm.fi/en/article/-/asset_publisher/pohjoisen-havumetsävyöhykkeen-maat-koolla-haaparannassa

Tandem Forest Values: Sweden's gift to Finland's 100th anniversary

Tandem Forest Values is a bilateral research program within forestry and the forest products industry comprising 12 post-doctoral positions to a total value of SEK 24 million. Tandem Forest Values is Sweden's official gift to Finland's centenary of independence celebrations. The purpose is to strengthen and develop bilateral research collaboration in a durable fashion between actors in the field of forestry and industrial forestry in Finland and Sweden. More: <http://www.ksla.se/anslag-stipendier/tandem-forest-values/>

Forest Friends Forever – towards deeper Finnish-Swedish cooperation in Hanaholmen, Finland, on 17-18 April 2018

The Ministry of Agriculture and Forestry organised a Finnish-Swedish Forest Friends Forever conference in Hanaholmen Cultural Centre, Esbo on 17-18 April. On the agenda at the conference were topical forest research and innovation projects, bioeconomy and forest policy, also discussed by the Minister of Agriculture and Forestry of Finland Jari Leppä and Minister for Rural Affairs of Sweden Sven-Erik Bucht. More: https://mmm.fi/en/article/-/asset_publisher/metsäyhteistyö-ikuisesti-suomen-ja-ruotsin-metsäyhteistyö-syvenihuhtikuussa-hanasaarella

Mika Kallio

Ministry of Agriculture and Forestry, Finland



MINISTRY OF AGRICULTURE AND FORESTRY



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Germany



FNR: 25 year support for the bioeconomy!

In September 2018, the Agency for Renewable Resources (FNR) celebrated its 25th anniversary. During this quarter of a century, FNR was involved in the shaping of the future concepts and policies for the transition to a sustainable bioeconomy in Germany and Europe. Since 1993 the FNR has managed “Renewable Resources” for the BMEL, and continues to do so. In this time more than 3000 frameworks and R&D projects have received funding. Currently two hundred and seventy five projects concerning the producing of biomass and biobased products are supported by over 66 million euros in funding. More information [here](#).

Open national calls for BMEL funding from programme “Renewable Resources” via the FNR:

Development of material and energy efficiency in the use of wood

Deadline: 31. January 2019

Agricultural building with wood

Deadline: 31. March 2019

Preservation of common ash as a commercial tree

Deadline: open

More information on national calls can be found [here](#).

Open national calls for BMEL funding from programme “Waldklimafonds” via BLE:

Forest soils in climate change

Deadline: open

Tree of the Year 2019 in Germany:

Ulmus laevis (European white elm, fluttering elm)

Everyone who has seen the bushy flowers of the fluttering elm that dances in the wind knows where the name of the tree is comes from. In 2019 the German foundation “Baum des Jahres - Dr. Silviu Wodarz Stiftung”, highlights the elm. A species which is less popular to the public. However, the fluttering elm contains versatile potential as a tree species especially in the urban areas. Even if the fluttering elm prominently grows near water and can tolerate flooding for long periods of time without issue, the elm is also capable of growing on dry sites. Earlier in history the braches of the elm was used for fodder in the winter. The fluttering elm is famous for its wood grain and durability but the processing of its wood is difficult.

More information about the “Tree of the Year” in German can be found [here](#).



Figure 6: The fluttering elm is feeling as fit as a fiddle near water
(Picture: A. Roloff)

Dr. Boris Vashev

Agency for Renewable Resources (FNR), Germany

Poland

The National Science Centre, Poland supports **basic research** by funding research projects carried out by individual researchers and research teams as well as doctoral fellowships and post-doctoral internships.

Each researcher - regardless of age, nationality, expertise, degree and field of study - will find a scheme that matches their needs among the NCN's calls. NCN announces calls for proposals four times a year. The NCN grantee must be employed at a Polish host institution. Additional conditions are set forth in the call documentation. Short descriptions of the NCN's funding schemes are available [at the website](#).



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Currently open funding schemes:



OPUS: general grants. OPUS is a funding opportunity intended for a wide range of applicants. The research proposal submitted under this scheme may include the purchase or construction of research equipment.



PRELUDIUM: pre-doctoral grants. PRELUDIUM is a funding opportunity intended for pre-doctoral researchers about to embark on their scientific career



SONATA: PhD holder grants (2-7 years after PhD award). SONATA is a funding opportunity intended to support the Principal Investigator in conducting innovative basic research, using advanced research equipment and/or an original methodology.

On December 1st, 2018 the National Science Centre, Poland is changing its registered office to Twardowskiego 16, 30-312 Kraków. After this date any correspondence should be addressed to our new location. All other contact details, including telephone numbers, remain unchanged.

Marlena Wosiak
National Science Centre, Poland



Spain

CDTI is represented in H2020 throughout our NCPs: https://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html

- SC2 (Food security, sustainable agriculture, marine and maritime research and the bio-economy; & Biotechnology by Mrs Marta Conde Vidal where some calls related with bioeconomy/forestry, (e.g. *BB-03-2017 Adaptive tree breeding strategies and tools for forest production systems resilient to climate change and natural disturbances*) has been managed.
- Also we work with Mr Juan Carlos Garcia Carrasco as NCP in SC5 (Climate action, environment, resource efficiency and raw materials) in line with the sustainable development goals where calls as SDG 15 'Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss' has been launched. These years they have been involved in a lot of events and assessment about these and another calls.
- Our colleagues of Department, Health, Bioeconomy, Climate and Natural Resources, Cecilia Hernández and María del Pilar de Miguel Ortega were speaking about opportunities of ERA-NETs in the last event of SEIMED (see pages 35-36 in https://www.seimed.eu/vlx/assets/documents/uploaded/EVENTS/1595/public/20180424_Cecilia%20Hern%C3%A1ndez_CDTI.pdf) and page 10 in <https://www.itainnova.es/wp-content/uploads/2018/02/1.-CDTI.pdf>)

Our Ministry update several events and publications you can see in <https://www.miteco.gob.es/es/cambio-climatico/temas/impactos-vulnerabilidad-y-adaptacion/plan-nacional-adaptacion-cambio-climatico/bosques.aspx>

You can see our Spanish National Plan for Scientific and Technical Research and innovation Plan aligned with bioeconomy and forestry in our Bioeconomy Strategy (pages 75-77 in <http://www.ciencia.gob.es/stfls/MICINN/Prensa/FICHEROS/2018/PlanEstatatID1.pdf>) where CDTI is involved.

Upcoming Spanish events related with forestry:

- <https://www.ingenierosdemontes.org/>
- <http://congresoecomedaieip.org.es/>
- <https://www.dropbox.com/s/2iceenbrpwoirbf/20181129%20Jornada%20Bosques%20y%20Cambio%20Clim%C3%A1tico.pdf?dl=0>

María José Maria Montilla Susin
Centre for the Development of Industrial Technology (CDTI)



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Save the dates

<u>Conferences, workshops and trainings</u> 2018	
28 -30 November, <i>Brussels, Belgium</i>	<u>G-STIC 2018</u> Connecting technological innovation to decision making for sustainability
29-30 November 2018, <i>Naantali, Finland</i>	<u>Drones in Finnish Agriculture and Forestry</u>
30. November, <i>Bonn, Germany</i>	<u>Local lessons to global implications – pathways to effective forest-related policies</u>
3. December, at 4-8 p.m, <i>Brussels, Belgium</i>	<u>Climate Smart Forestry in practice</u>
4. December,, at 9:30 – 13:30 <i>Brussels, Belgium</i>	<u>Climate policy and forest bioeconomy</u>
4 – 7 December <i>Georgen am Längsee, Austria</i>	<u>International Conference "European Forests - Our Cultural Heritage</u>
5 - 7 December <i>Garmisch-Partenkirchen, Germany</i>	<u>24. International Wood Construction Conference (IHF2018)</u>
2019	
5-6 February, <i>Brussels, Belgium</i>	<u>European industry Week 2019</u>
8-11 May, <i>Athens, Greece</i>	<u>World Conference on “Forests for Public Health”</u>
11-15 March, <i>Joensuu, Finland</i>	<u>EFI Young Leadership Programme 2019</u>
19-23 May <i>Sundvolden hotel, Norway</i>	<u>A century of national forest inventories – informing past, present and future decisions</u>
20-22 May, <i>Montpellier, France</i>	<u>4th World Congress on Agroforestry</u>
11–13 September, <i>Ruka, Finland</i>	<u>World BioEconomy Forum 2019</u>
24-27 September, <i>Freiburg, Germany</i>	<u>21st International Nondestructive Testing and Evaluation of Wood Symposium</u>
29 September - 5 October <i>Curitiba, Brazil</i>	<u>XXV IUFRO World Congress 2019</u> <u>"Forest Research and Cooperation for Sustainable Development"</u>
2019	
	<u>Forestry trade fairs</u>
15. - 17. March, <i>Kielce, Poland</i>	<u>Las-Expo Kielce</u>
27. - 31. May, <i>Hannover, Germany</i>	<u>Ligna Hannover</u>
29. - 31. March, <i>Offenburg, Germany</i>	<u>FORST live Offenburg</u>
06. - 08. June, <i>Jönköping, Sweden</i>	<u>SkogsElmia</u>
15. - 18. August, <i>Lucerne, Switzerland</i>	<u>Forstmesse Lucerne</u>
previsible in October, <i>Istanbul, Turkey</i>	<u>Wood Processing Machinery Istanbul</u>



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