



EU CAP Network Brokerage event ‘Accelerating the innovation process through Horizon Europe multi-actor projects’

Antwerp, Belgium
19-20 October 2023

FORESTRY

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3. FORESTRY

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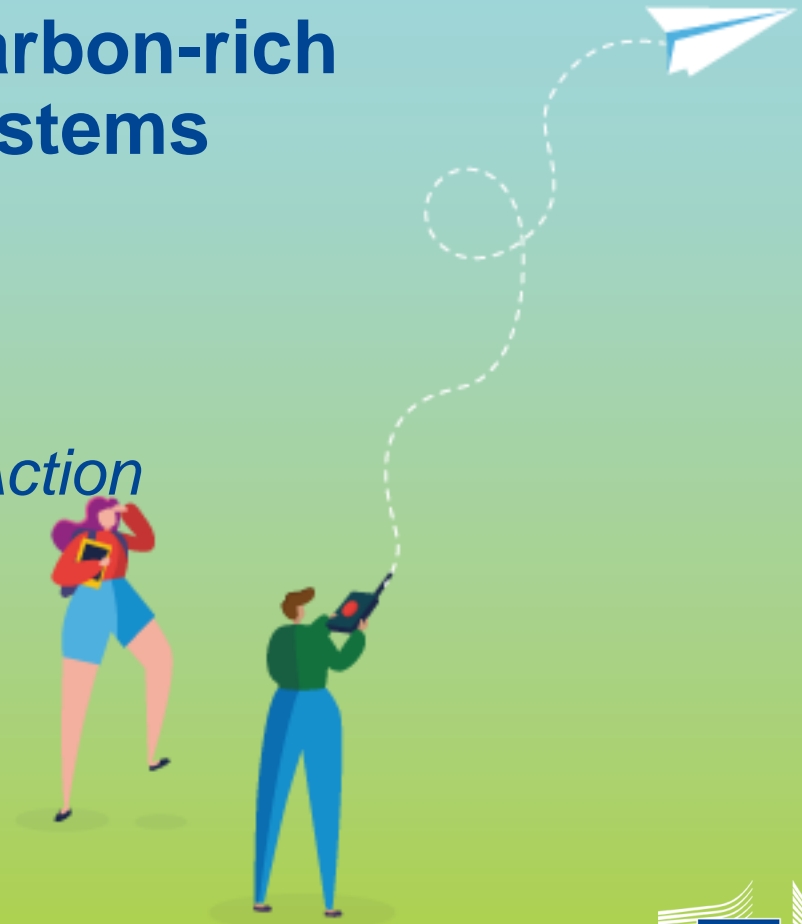
19/10/2023

HORIZON-CL6-2024-BIODIV-01-8

Conservation and protection of carbon-rich and biodiversity-rich forest ecosystems

Type of Action: Research and Innovation Action

*Indicative budget: 12 M€ in total
(6 M€ per project)*



HORIZON-CL6-2024-BIODIV-01-8



POLICY CONTEXT

EU biodiversity and climate objectives



Support the protection of biodiversity-rich forest ecosystems, at the species' distribution rear edges and margins that are at high risk of collapse in light of a rapidly changing climate.



EXPECTED OUTCOMES

- Improved **knowledge on the cross-impacts** between **biodiversity and climate change**.
- **Win-win management practices** and development and implementation of ecosystem protection and restoration methods and tools.
- Better understanding of drivers and barriers for natural co-migration of forest communities and development of **approaches and guidelines to foster co-migration**.
- Improved tools and indices for the **joint monitoring of biodiversity and climate aspects** on forests.
- Empirical analysis of the forest **management and conservation practices** in European forests of high ecological value.
- Strict **protection of primary and old-growth forest** in Europe by 2030.

HORIZON-CL6-2024-BIODIV-01-8



SCOPE

- **Set up case studies**; particularly targeting **forests of high ecological value**, such as primary and old-growth forests, Mediterranean forests, peat swamp forests or mangroves.
- Improve **predictive models of biodiversity changes**, advance the **understanding of species connection with the forest habitat**, and analyse **to what extent species can survive in a changed and fragmented habitat**.
- **Analyse directions of assisted tree migration** to maximize dynamic gene conservation (as form of ex situ conservation)
- **Assess the risk for biodiversity loss** in protected areas and **develop protection strategies that consider the larger landscape and regional context** to allow for natural species and community migration.
- Develop approaches and **guidelines for forest managers and conservationists** in a context of forest ecosystem migration and **map scenarios of potential forest ecosystem migration routes**.
- **Connect with relevant institutions at regional, national and EU-level** as well as **relevant stakeholders**.



KEEP IN MIND

- International cooperation is strongly encouraged.
- Multi-actor approach
- JRC will contribute with dataset on forest tree species distribution and support the development of satellite monitoring of forest metrics.

HORIZON-CL6-2024-CLIMATE-01-5

Climate-smart use of wood in the construction sector to support the New European Bauhaus

Type of Action: Research and Innovation Action

*Indicative budget: 14 M€ in total
(7 M€ per project)*



HORIZON-CL6-2024-CLIMATE-01-5



POLICY CONTEXT

- **New European Bauhaus initiative**
- **EU Forest Strategy for 2030**
- **EU Bioeconomy Strategy**



Make the construction sector more renewable, while including circularity as part of a broader system and design loop.



EXPECTED OUTCOMES

- Enhanced contribution to **climate change mitigation and adaptation**, a **toxic-free environment** and **rural development** objectives.
- Pathways for an efficient conversion of solid biomass into forms of **long-term carbon storage**.
- Enhanced contribution of the forest-based sector to **decarbonisation strategies for buildings**.
- Robust and transparent methodology to **quantify the climate benefits of wood construction**.
- Increased **resource efficiency** and minimisation of **environmental footprint** of wood products.
- Better knowledge about the quantitative **limits of global wood supply** and the **limits of wood as a resource**.

HORIZON-CL6-2024-CLIMATE-01-5



SCOPE

- Analyse the potential market for the **utilisation of hardwoods, low quality, damage, and post-consumer wood in the construction sector.**
- **Explore the potential of zero-waste concepts** by developing solutions for each source type to turn into viable products.
- **Design wood building blueprints**, taking into account the reuse, adaptability and healthy living environment into the design.
- Integrate **human health** and **wellbeing** aspects, as well as the **cultural traditions** and **design languages** as integral elements of the built space.
- **Engage with relevant stakeholder in co-creation processes** (e.g., the New European Bauhaus Community of Partners, policy, architects, business, insurance, investment, society, public and private sector).
- **Link with other selected proposals and the NEB Lab** and establish an **open-access wood construction observatory in Europe**
- Address **policy frameworks** and **standards** that are still **hindering innovation and further market development**



KEEP IN MIND

- Multi-actor approach
- Involve SSH
- Proposals may involve financial support to third parties

HORIZON-CL6-2024-FARM2FORK-01-10

EU-African Union cooperation on agroforestry management for climate change adaptation and mitigation

Type of Action: Research and Innovation Action

*Indicative budget: 18 M€ in total
(6 M€ per project)*



HORIZON-CL6-2024-FARM2FORK-01-10



POLICY CONTEXT

- European Green Deal
- Farm to fork strategy
- AU-EU High Level Policy Dialogue (HLPD) on Science, Technology and Innovation, and its priority on Green Transition
- AU-EU partnerships on Food and Nutrition Security and Sustainable Agriculture (FNSSA) and Climate Change and Sustainable Energy
- AU-EU Innovation Agenda



EXPECTED OUTCOMES

- Improved availability of **qualitative and quantitative data** pertaining to the contribution of agroforestry to climate change adaptation and mitigation, biodiversity preservation, and to sustainable agriculture;
- **Improved management of agroforestry systems** (conventional, agroecological and/or organic), including agro-pastoral systems, in Africa;
- Enhanced capacities to evaluate the socioeconomic and environmental **performance of agroforestry for climate change resilience**;
- A **strengthened agroforestry innovation ecosystem** for better user acceptance and implementation of agroforestry in the African Union (AU).

HORIZON-CL6-2024-FARM2FORK-01-10



SCOPE

- Identify the **most suitable plant and animal species and breeds** to be used in agroforestry for different geographic regions in Africa, generating sustainable ecosystems with positive impact on local communities, and on women
- Assess **local multi-purpose agroforestry species and breeds** with benefits for food, pharmaceutical uses and ecosystem functions for the soil, biodiversity and their functions in a vegetation mosaic
- Assess specific agroforestry **management measures** aiming at preserving/enhancing biodiversity
- Assess the potential of **carbon farming** as future business for farmers and foresters, and analyse its potential with regard to climate-neutrality
- Identify the **structural needs of agroforestry** crops and animals in different geographical regions in Africa
- Support **new value chains** with knowledge and capacity building to be efficient, fair, and easily adopted, or not abandoned, by landowners and farmers
- Establishing **local agroforestry pilot plots**



KEEP IN MIND

- Consortia must include at least three independent legal entities established in Africa - at least two established in the same geographical region of Africa
- Legal entities established in all AU member states may exceptionally participate as beneficiary (or affiliated entity)
- Exceptional eligibility for Union funding for legal entities established in all AU member states and certain international organisations
- Multi-actor approach
- Collaborate with other projects funded under this topic, as well under topic HORIZON-CL6- 2021-CLIMATE-01-08

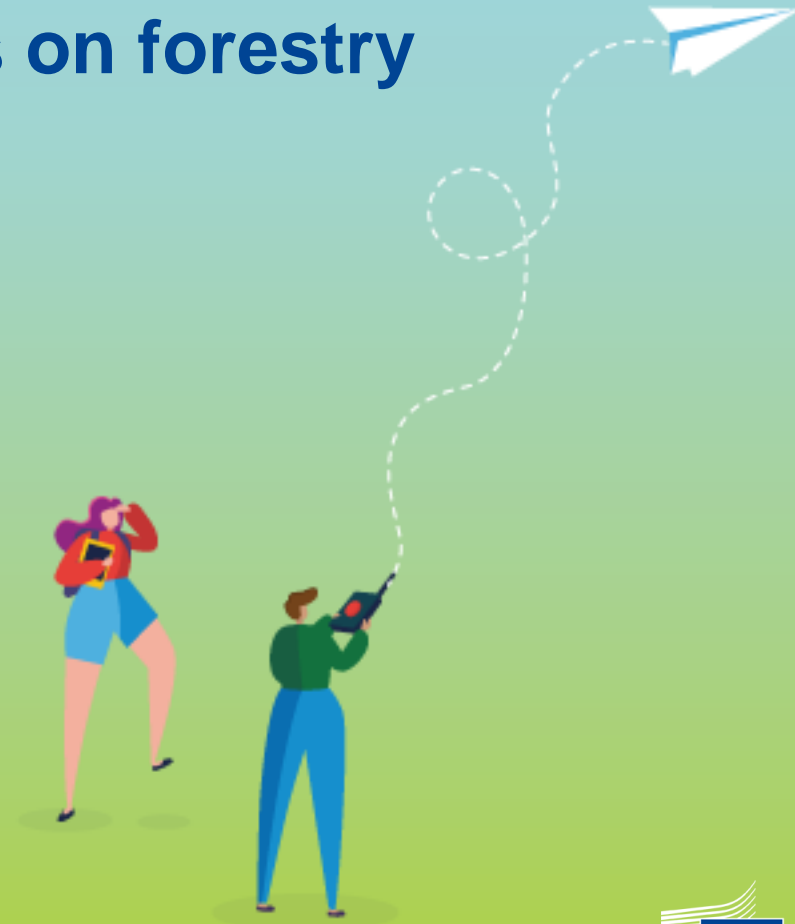


HORIZON-CL6-2024-GOVERNANCE-01-12

Developing EU advisory networks on forestry

Coordination and Support Action

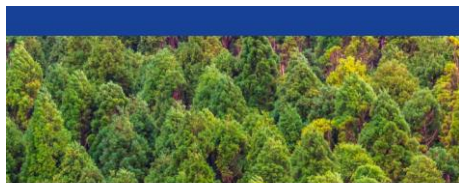
*Indicative budget: 4.00 M€ in total
(4.00 M€ per project)*



HORIZON-CL6-2024-GOVERNANCE-01-12



POLICY CONTEXT



NEW EU FOREST STRATEGY FOR 2030

- **Agricultural Knowledge and Innovation Systems (AKIS)** in which **advisors** are fully integrated are key drivers to speed up innovation and the uptake of research results by practitioners.
- **Advisors** are key actors with a role in providing strong guidance and with a big influence over producers' decisions.
- A **novelty in the post-2020 CAP plans** is that **advisors** must be:
 - ✓ *integrated within the Member States' AKIS;*
 - ✓ *able to cover economic, environmental and social domains,*
 - ✓ *up-to-date on science and technology,*
 - ✓ *able to translate this knowledge into opportunities adapted to specific local circumstances.*



EXPECTED OUTCOMES

- Progress towards the most urgent policy objectives, in particular the **EU Forest Strategy for 2030** and support to the **CAP cross-cutting objective** with a view to improve **sustainability of forest management**
- Development of interaction with regional policymakers and of a potential EU network to discuss **institutional challenges to practical forestry issues**
- Production of supporting **services and materials**, to facilitate the upscaling of sustainable forest management
- Acceleration of the introduction, spread and **implementation in practice of innovative solutions** related to forestry

HORIZON-CL6-2024-GOVERNANCE-01-12



SCOPE

- Connect **advisors (!)** possessing a broad and extensive network of foresters across all EU Member States in **an EU advisory network** dedicated to **forestry** with a view to sharing experiences on how to best tackle the issues in this sector.
- Share **effective and novel approaches** among the EU advisory network on forestry, which are **sustainable** in terms of economic, environmental and social aspects.
- Gather or develop short-, mid- and long-term **strategic visions** for forests and forestry in the EU.
- Fill gaps on emerging advisory topics **beyond the classical sectoral advice**.
- Provide overall support related to **knowledge creation, organisation and sharing**.
- Take strong account of **cost-benefit elements** [...] to ensure **financial win-wins** for producers, citizens and intermediate actors.
- Integrate the **advisors** of the EU forestry network into their **Member State AKIS** as much as possible.



KEEP IN MIND

- **Multi-actor approach:** a majority of partners being **forestry advisors** with frequent field experience!
- Develop **digital advisory tools** for common use across the EU, wherever possible.
- Include all **27 EU Member States** in the EU advisory network.
- Use the support of the Member States' knowledge and innovation experts of the **SCAR-AKIS** Strategic Working Group.
- At least **5 years**.
- All materials should also be provided in the **requested formats** to:
 - ✓ EIP-AGRI,
 - ✓ national/regional/local AKIS channels, and
 - ✓ EU wide knowledge reservoir - [EU-FarmBook](#)

Thank you



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All information on the brokerage event is available on the event webpage:

https://eu-cap-network.ec.europa.eu/events/eu-cap-network-brokerage-event-accelerating-innovation-process-through-horizon-europe_en

