

Bio-based products and services

There are a range of products and services made from biomass of relevance to public entities and their procurement practices which offer a high potential for innovation. The following are some examples:

Buildings and construction work: Building insulation, indoor coatings, facade panels and some construction materials, such as pipes and plastics.

Catering services: Food packaging, tableware and cutlery, and waste issues.

Cleaning products and services: Cleaning detergents, surfactants, hygiene and sanitary products.

Indoor furniture and interiors: Furniture and office upholstery, particularly carpets and other kinds of flooring.

Office stationery: Ink, writing materials, mouse and staplers.

Gardening products and services: Geotextiles, erosion mats, shielding (reed mats), plastic binders, plant containers and tree anchoring.

Uniforms

Vehicles

For further information

Website: www.innprobio.eu

Newsletter: Sign up by visiting our website

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Procurement Forum: www.procurement-forum.eu

Connect with like-minded procurers from around Europe through a specially designed networking tool

Contact us directly by sending an email to:

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InnProBio project partners



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Introducing InnProBio

InnProBio seeks to build a community of public procurement practitioners interested in the procurement of bio-based products (wholly or partly derived from biomass) and their associated services. By harnessing the potential of public procurement to foster innovation, InnProBio aims to work with the public sector to:

- develop tools for practitioners,
- facilitate the creation of buyers groups, and
- increase awareness and incentives in order to lower the barriers to purchasing, thus leading to the opening of new markets of bio-based products in Europe.

Bio-based products such as food, feed and those used for energy production are excluded from InnProBio.

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What is public procurement of innovation?

Public procurement, the process whereby public authorities buy goods and services or commission work, has the power to foster innovation and shape it to meet the needs and challenges of public services. Public procurement of innovation (PPI) allows public authorities to act as a launch customer for innovative goods or services that are not yet available on a large-scale commercial basis.



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The key role of the bio-based sector

The European Bioeconomy Strategy proposes a comprehensive approach to address the environmental, ecological, energy, food supply and natural resource challenges that Europe and the world are facing.

Bio-based products are an integral part of this strategy. The sustainable production and exploitation of biological resources (like biomass) will allow the production of more from less, including from waste.

The Bioeconomy will also contribute to limiting the negative impacts on the environment, reduce the heavy dependency on fossil resources, mitigate climate change and move Europe towards a post-petroleum society.

Bio-based products can be "bio-based versions" of traditional products or novel products with entirely new and innovative functionalities and potential for new and existing markets.

Why opt for bio-based?

Green growth and sustainability: Being derived from renewable raw materials, bio-based products have the potential to reduce our dependency on fossil fuels and lower CO₂ emissions. Fossil-based chemicals, plastics and additives can be substituted by less hazardous bio-based variants, often making products less toxic and biodegradable.

Innovation: Bio-based products can offer innovative and unique properties in the right applications. Fostering innovation in this sector encourages building competitive industries and boosting Europe's science sector. New opportunities will arise for research companies and institutions. Stimulating the purchase of bio-based products by the public sector can further boost innovation to deploy new markets and fill the gap between research and commercialisation of a new product.

Employment: The bio-based sector has the potential to create new jobs, especially in rural areas, for instance in bio-refineries.

The InnProBio approach

InnProBio will contribute to the bio-based products and services sector by:



- Identifying the needs that the public sector has in common when it comes to public procurement.
- Identifying a range of innovative bio-based products and services and relevant applications that are most suitable for public purchasing.
- Promoting the use of common environmental and performance based specifications for procurement procedures, as well as other approaches for sustainability criteria.

- Bringing together standardisation bodies, suppliers and public procurers to discuss common denominators for public procurement procedures.
- Bridging the knowledge and awareness gap of public procurers by delivering training, workshops and other networking activities.
- Engaging all stakeholders interested in the procurement of bio-based products and services to connect and share information through the Procurement Forum.
- Further stimulating the demand for bio-based products and services by facilitating the creation of buyers groups.
- Developing practical tools to assist public procurers to more effectively purchase innovative bio-based products and services.

To learn more about InnProBio please visit www.innprobio.eu