

# Identifying competencies needed in testbeds



*amplifying  
the knowledge  
and use  
of testbeds*



Co-funded by the  
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# Methodology



Literature review and desk research



Online survey



14 one-on-one (virtual) expert interviews

# Results

## Development of the AKUT protocol including:



The strengths and weaknesses regarding testbeds



The competence requirements and needs of the target group (stakeholders in the agri-food sector)



Existing learning and training courses



A list of available testbeds and laboratory facilities in the field of agrifood

# Testbeds Competencies

## Provide

- **Provide a methodology** to help the entrepreneur validate the product or idea, and to conduct a relevant test that provides the right information for a launch or a product upgrade

## Strengthen

- **Strengthen collaboration** between the public sector, business, universities and other research-intensive organizations.

## Focus and attract

- **Focus and attract investment** and resources in innovation in local areas

## Increase

- **Increase local competitiveness** in developing new products and services

# Testbeds Competencies

## Reduce

- **Reduce risk** in the process of developing new products and processes for firms, providing a safe space for them to iterate, fail, influence regulatory and policy change and support them to develop to an investment-ready stage.

## Improve

- **Improve the delivery of (or reduce the demand for) public services** by creating the right policy, governance and regulatory systems.

## Evaluation

- **Provide** a framework for innovation policy that enables **effective evaluation**.

# What can testbeds offer?



Development of food product prototypes



Production of first food products' runs



Product reformulations



Sensory analysis of products



Services of physical chemical characterization of agri-food products



Management and control of product quality



Control and optimization of production processes

# What can testbeds offer?

- Advice and execution of projects related to food safety
- Application and evaluation of technologies to improve the preservation, sanitation and / or stabilization of products
- Optimization of the packaging and storage conditions of products to improve the useful life of products and increase their added value.
- Advisory services and understanding of the food and beverage products market.
- General technical, legal and scientific assistance services.



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