

Region of Central Macedonia

Personalised Nutrition Value Networks

Presentation of related technologies mapping



Regional Development Fund of Central Macedonia



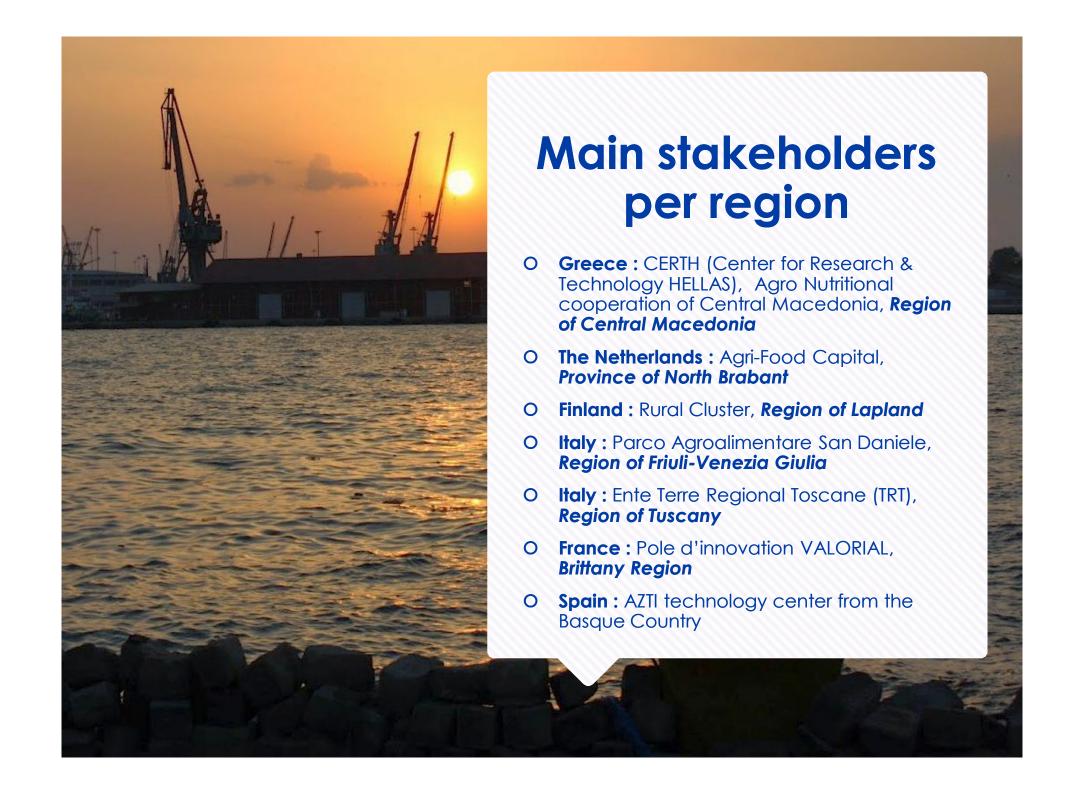
Outline

- O Partnership
- O Objectives
- O Mapping methodology
- O Presentation of key related technologies
- O Discussion













The Personalised Nutrition Value Networks promotes targeted transformations within the context of Sustainable Development Goals in terms of:

- O Reducing nutrition related diseases through improved nutrition and sustainability (Sustainable Development Goal 2)
- O Promoting livelihood for all ages via supporting healthy and nutritional dietary lifestyles (Sustainable Development Goal 3)
- O Ensuring equality by promoting employment opportunities and entrepreneurship initiatives (Sustainable development Goal 4)
- O Supporting responsible consumption and production by enabling healthy diets in a sustainable manner (Sustainable Development Goal 12).

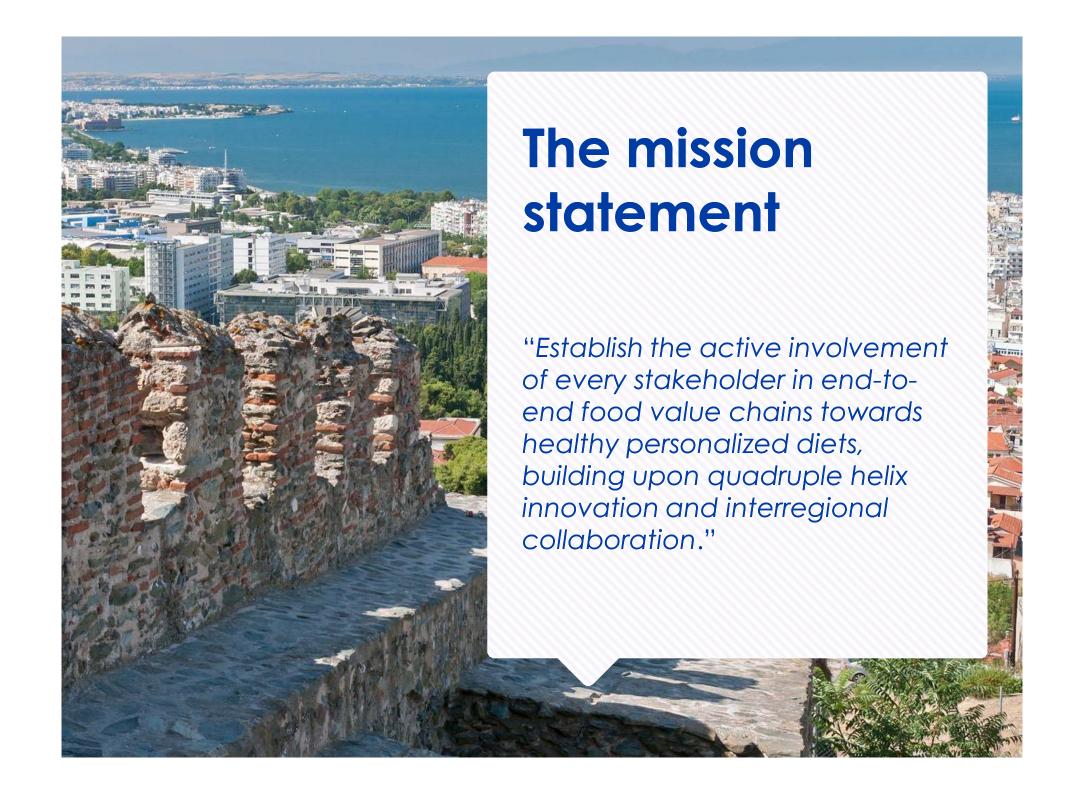














Mapping methodology

Relative technologies

Food technologies

• Nano technologies, microencapsulation, optical - spectroscopy, chromatography, food texture technologies, packaging - sterilization, processing i.e. 3D printing, starter culture technologies.

Multi-omics technologies

• Genomics, metabolomics, metagenomics applied on both food systems and human nutrition to characterize the proprieties of food products.

ICT technologies

• Bioinformatics, apps, big data analytics, databases, digital technologies for enhacement of preception, , Digital footprints collection, Digital Sensorial profiles.

Consumer studies

• Studies, monitoring tools, promotion tools, e-learning, masterclasses, apps, social media, customers and marketing tools.









Thank you!

Questions?