

PICKFIBER

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Platform for **I**nternational **C**ollaborative **K**nowledge on
Food **I**mprovement, **B**ased on **E**cological **R**esources



Introduction

- Nutrition related diseases (especially obesity) – world health problem
- Social and economical costs – strong menace for wellbeing
- One approach is to develop new food that could help to fight nutritional related diseases and limit caloric intake without the unpleasant hunger sensation using ecological/organic components.

Objectives and activities

- **Compose a compendium about health effects of organic and conventional food.**
- **Compose a compendium of production standards for fiber-based food from organic/ecological production.**
- **Elaborate a set of GLP recommendations for obtaining healthy food from organic/biological production, and GCP protocols for the analysis of their effects on human health.**
- **Develop an e-knowledge base from different sources**
 - **laboratory, medical and technical knowledge**
 - **ICT structure**
- **Systematic dissemination and promotion.**

Expected results I

- Improved awareness about relations of nutrition and health, health benefits of organic food.
- A broad-based report about health effects of organic and conventional food.
- A database containing an extract of scientific evidence-based methods for assessment of fiber-satiating effects.

Expected results II

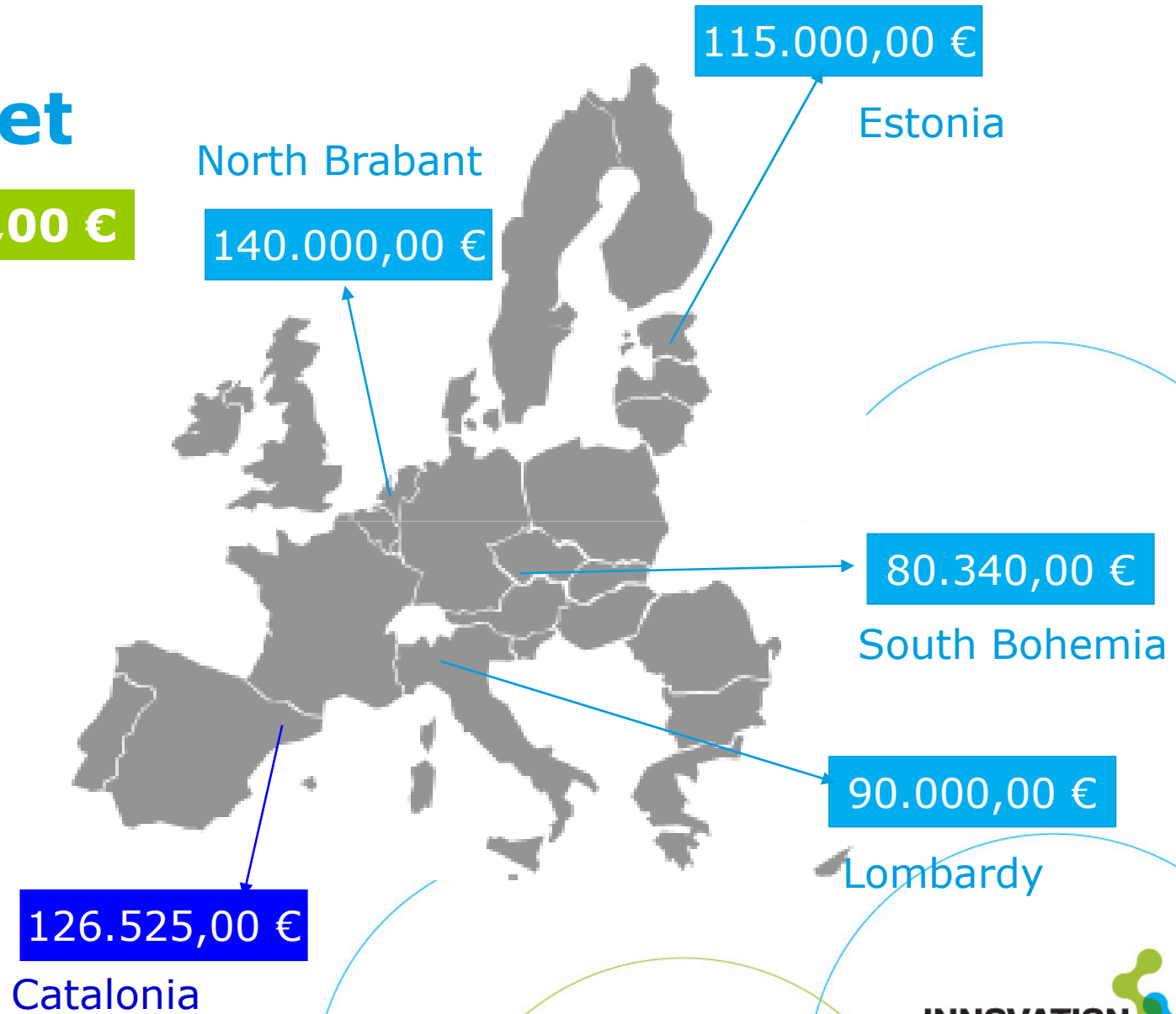
- Data about the difference of using fiber based organic foods and conventional products on obese patients. Is there really an advantage of using organic fiber based foods?
- An e-knowledge database for using in laboratory and clinical evaluation of healthy food or ingredients.
- According to literature review, clinical requirements, technical constraints: different protocols.
- Network between national authorities, universities, companies and other knowledge institutions with a specific role in health and food management.

Partners

- **Nutren-Nutrigenomics (University of Lleida) - Spain**
- **Estonian University of Life Sciences - Estonia**
- **N.V. Noord-Brabant Development Agency – Holland**
- **Institute of Molecular Bioimaging and Physiology- Italy**
- **Institute for Construction Technologies – Italy**
- **Politecnico di Milano, Department of Bioengineering - Italy**
- **DS Medica s.r.l. - Italy**
- **La Selva Council - Spain**
- **Institute of Physical Biology (University of South Bohemia) - Czech Republic**

Budget

551.865,00 €



End note

- **Food & Health is a very important topic in Europe, with many Life Sciences and Medical Technology activities going on.**
- **It is essential to realize that food can prevent illness or can influence the impact of diseases on humans.**
- **Our results of the project enable to argue why this area is so important and what kind of aspects should consider in case of healthy food.**
- **The project results will be used as a building block for developing further the policies about linking the regional food and health priorities.**

Thank you for attention!