

COMPONENT 4

Innovation in welfare Food session



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Silvia Corbetta, CESTEC SpA (LOM)



Innovation in welfare

Food session



I4W TECHNOLOGIES

- ICT
- Advanced materials
- Food and biotechnologies
- Design

Food Tendencies In Europe

"From farm to fork"

- **Safe food** for European consumers it's a priority shared by all the State members.
- I4W partner regions follow the national food policy and promote **regional initiatives** concerning food policies

Example from the I4W partner regions

CATALONIA – ACC10

- ACC10 gives support to R+D projects to food technology centres and also promotes the technology transfer from university to Business.
- The most **important technology centres** regarding food belong to TECNIO (Catalan Technology Network), such as INCAVI and INNOPAN, TECNATOX and SNI BA, or IRTA (Agricultural and Food Research and Technology Center), CeRTA (Food Technology R+D Centre) and CENTA (New Food Technology Centre), etc
- Sector plans to **internationalize** agricultural machinery, sweet fruit and wine and cava have been approved.
- Despite the on-going evolution of this sector at international scale, Catalunya has a very important know-how, in particular, to **food technology** and **production** and it leads the packaging industry and the processes technology provision. Catalunya is, in itself, a very advanced food cluster, concentrating more than **4.000 companies** regarding food.

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Example from the I4W partner regions

LOMBARDY

Priority areas

- Health: Biotech for health
- **Food: Agricultural production and environmental impact**
- Energy/Environment: Mobility; materials for building trade and energy saving
- Advanced manufacturing: Aeronautics and mechanics

Tenders to finance innovative projects in the 4 priority areas

- Tenders to promote scientific cooperation
- Funding of new enterprises (Seed fund, Next fund)
- Agreements and MOUs
- Support to the realisation of centres of excellence
- Scouting initiatives
- Participation to European projects and international projects



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Milan EXPO 2015



- Science for food safety, security and quality
- 2. Innovation in the food supply chain
- 3. Technology for agriculture and biodiversity
- 4. Dietary education
- 5. Solidarity and co-operation on food
- 6. Food for better lifestyles
- 7. Food in the world's cultures and ethnic groups

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Example from the I4W partner regions

NRB: I4W Best Practice

Elderly people and the perception of food

In a lot of hospitals and care institutions, elderly people and sick people are receiving food that is unattractive or which simply lacks all the necessary nutritious ingredients.

This projects will involve groups of SMEs, knowledge institutes, food managers in hospitals and institutes and designers

to improve this situation and to create more attractive and nutritious food applications and settings for hospitals and care institutions.



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I4W Food approach

Food safety

Reducing contaminants in food



Fobos: *Sharing molecular techniques for food-borne pathogens detection*

Novel Food

Improving the nutritional value of food



Pickfiber: *Platform for international Collaborative Knowledge on Food Improvement, based on Ecological Resources*

Thank you for your attention

Silvia Corbetta

*Silvia Corbetta
Area Innovazione
CESTEC SpA
corbetta@cestec.it
02/66737320*