Concept of the Hungarian EUREKA Chairmanship

Cooperation with the ETPs/NTPs for promoting RTD driven project generation

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Main conceptual elements

- Combination of the project generation and funding potential of EUREKA and the collective technical knowledge of the ETPs/NTPs and the networks of both side
- Exploitation of innovation potential of interdisciplinary collaboration of different sectors
- EUREKA can benefit from focused project generation through guided interdisciplinary discussions on selected subjects through workshops based on the collected the research and innovation needs of the ETPs and their NTPs in their Strategic Research (and Innovation) Agendas and Innovation Action Plans
- Testing the methodology on the food industry and selected, related areas like manufacturing, ICT and energy related technology

Collaboration with the ETPs

- Innovation can be achieved through enhancing the use of complementary
  - resources
  - capacities
  - competencies

  of different disciplines
- People in the different disciplines are not aware of the problems of the other sectors and the available solutions
- EUREKA can act as a facilitator of interdisciplinary idea generation, project generation
- Exploiting complementary resources, capacities and competencies of EUREKA and the ETPs

Collaboration Opportunities

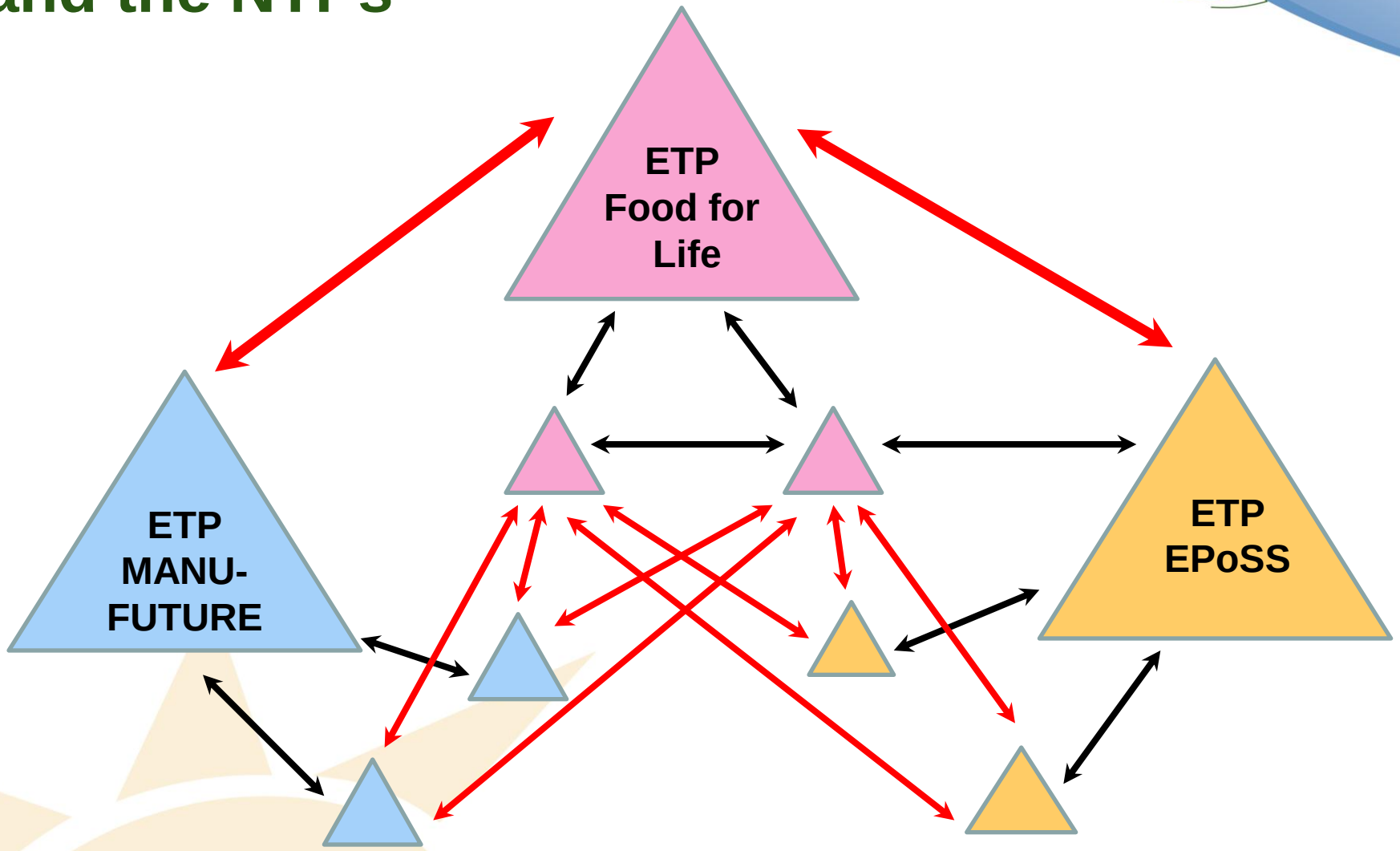
- EUREKA will facilitate collaboration between companies, particularly SMEs and researchers from:

  - different ETPs

  - NTPs of different ETPs

  - NTPs of the same ETP

Role of the EUREKA, the ETPs and the NTPs



EUREKA, Umbrellas, Clusters

The cooperation activities

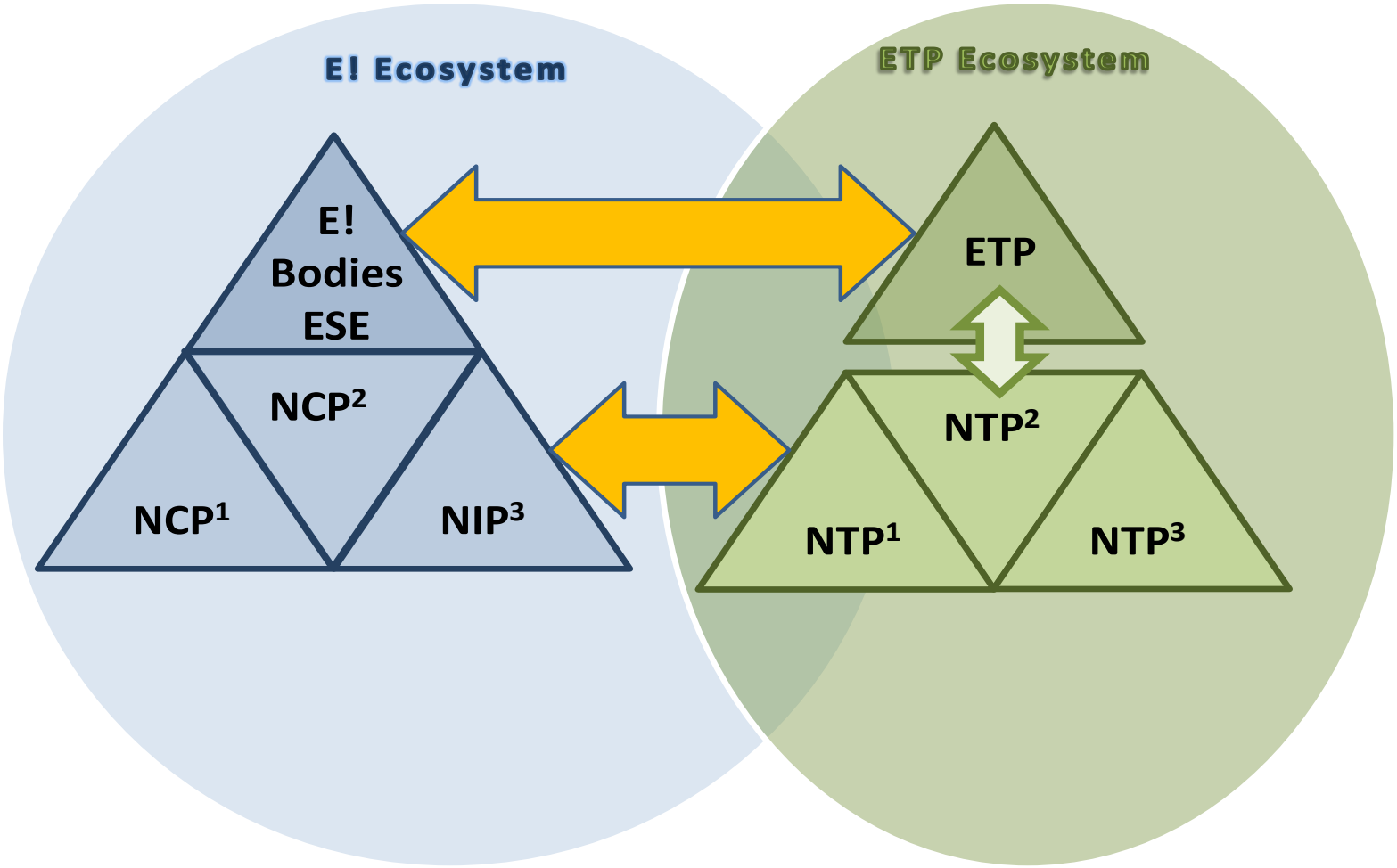
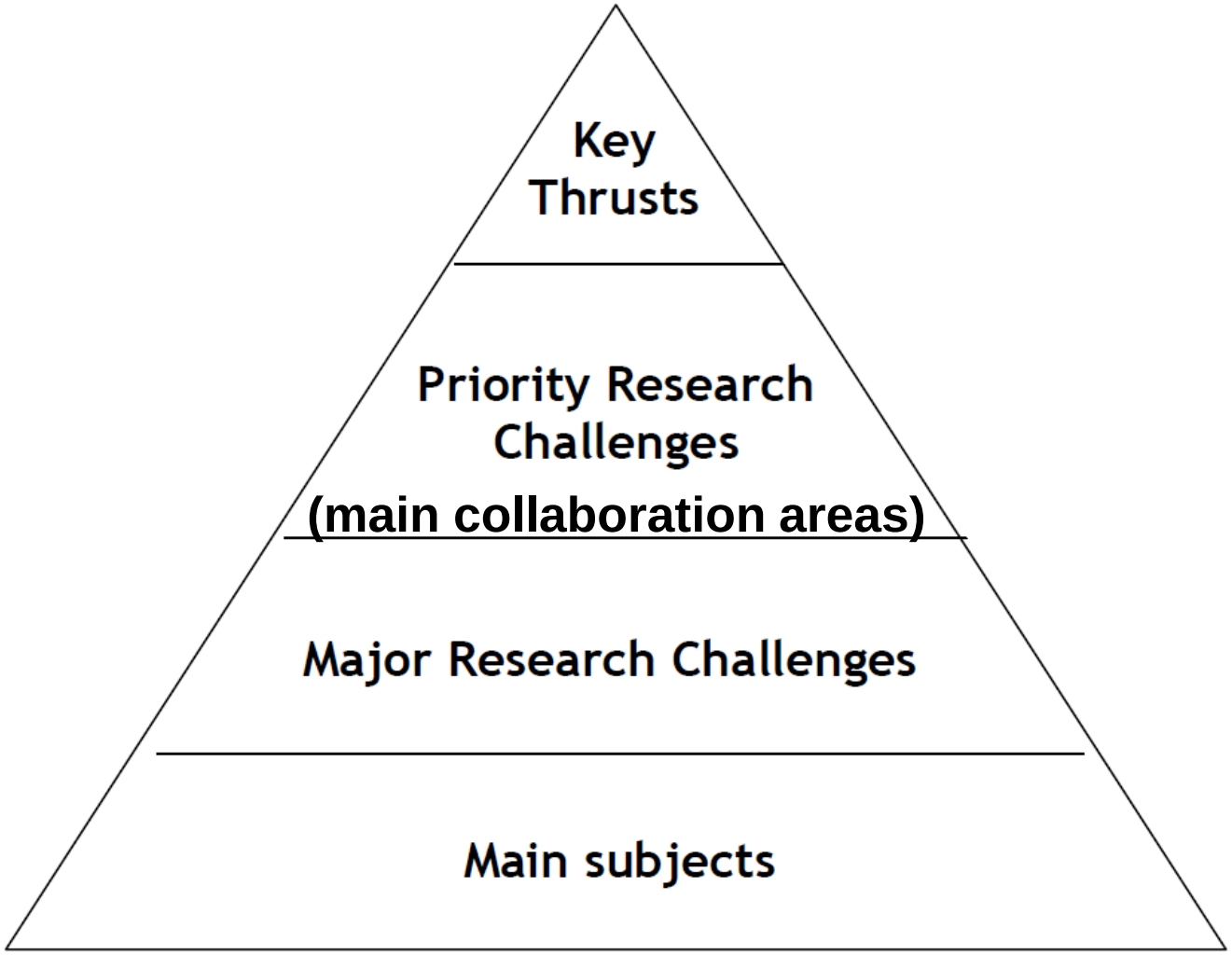


Illustration of the terminology used for selection of topics for project generation



Proposed methodology (1)

- Systematic identification of the potential priority research challenges (main collaboration areas), major research challenges and main subjects, step-by-step following a systematic approach for moving towards the details
- Organisation of national idea generation workshops and connecting the partners in advance and bringing them together only after the potential projects are prepared to a certain extent
- Exploiting the collaborations, which have already started between the food sector and the other sectors

  - Manufuture ETP – Food factory of the future – ”FoodManufuture”

  - ICT- Future Internet PPP – ”SmartAgrifood”

FoodManufuture Collaboration between ETP Manufuture and ETP Food for Life

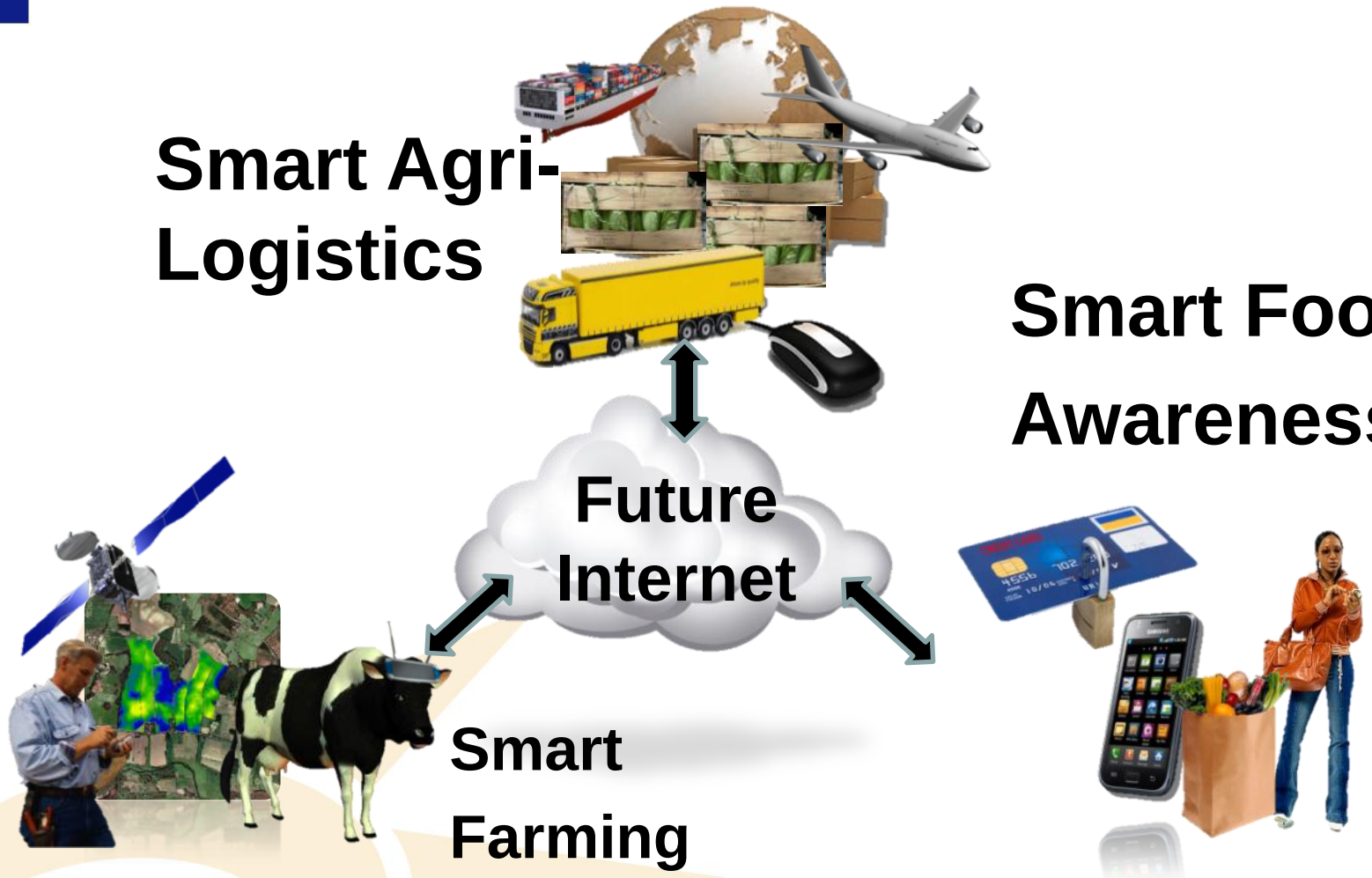
- FP7 project on identifying the necessary Research Infrastructures – for the Food Factory of the Future – FoodManufuture
- It is not possible to identify what is needed for the future without making an inventory, what is available now – input to the EUREKA workshops
- Joint forces of the ETP Manufuture and ETP Food for Life to increase competitiveness
- Starting date: January 2012
- National and European consultations in 9 countries in 2 rounds

Smart Food and Agribusiness: Future Internet for Safe and Healthy Food from Farm to Fork

Call: FP7-2011-ICT-FI
Applications of the Future Internet in the Agrifood sector
Contract no: 285326

http://www.smartagrifood.eu/

3 Use Case Scenario's: from farm to fork



Facilitation of the discussion between the User's Community and the ICT Community

- Identification of the functions of the Future Internet relevant for the user's in the agrifood-chain
  - inventory of the current functions
- Identification of potential use cases for the FI in the agrifood-chain
  - this can't be achieved without identification of the potential use of the current Internet – input to EUREKA (starting point)
- Regular discussion in at least 4 countries between the agrifood-chain and ICT communities
- Testing of selected use cases
- SmartAgriFood will provide input for the discussions in the EUREKA

Proposed methodology (2)

- Discussion materials for the workshops will be prepared in advance and circulated.
- List of priority research challenges, major research challenges, main subjects
- Workshops are focused on interdisciplinary discussions and on refining methodology

Opportunities smart specialisation to achieve economic growth through innovation

- Build on the existing strength and assets
- Focus on interdisciplinary applications of the food production and processing with the agriculture, high-tech sectors (manufacturing, ICT, energy), other disciplines in the fields
  - where assets, strengths of the food sector are located
  - which are significant for the regional/national economy

  to achieve world-class excellence in innovation – niche areas, niche markets
- Share resources and costs

Proposed implementation and timing (1)

1. Workshop #1 (EUREKA Academy Event), Brussels — November 2011
   - Discussion of the proposals from the ETPs, umbrellas, clusters to identify potential areas for multidisciplinary collaboration
2. Follow up – Preparation of Workshop #2
   - Identification of potential main subjects for project generation and discussion points
   - Circulation of them
3. Workshop #2, Brussels — (19th) January 2012
   - Guided discussion to identify a common list of major research challenges

Proposed implementation and timing (2)

4. National events, for promoting project generation — Febr/March 2012

Program:

- information on the outcomes of the workshops in Brussels
- discussion with the aim of generating new project ideas (in line with the major research challenges identified by the workshops)

Deliverable: summary of project ideas or short description of topics for E! project generation

5. Preparation of E! project concept papers — March/Apr. 2012

Proposed implementation and timing (3)

6. Workshop #4 Food for Future – the future of food — Beginning of April 2012

   Joint conference of the EUREKA umbrellas, clusters and relevant ETPs in Hungary

   Duration: 2 day(s)

   - partner meetings on the basis of the outcomes of WS1 & 2, and the national promotion events

7. Preparation of E! projects — April-May 2012

Proposed implementation and timing (4)

8. Preparation of a recommended final(?) version of the procedure for generation of EUREKA projects	May/June 2012
9. Report to the NCP/HLG and EUREKA Ministerial Conference (facts and assessment - lessons) Endorsement of the first projects generated through the new methodology	17-18 June 2012

Expected outcomes

- New EUREKA and EUROSTARS projects in food-related technologies
- New procedure for generating E! and E*projects through interdisciplinary collaboration with various ETPs, NTPs, clusters and umbrellas
- New platform for multidisciplinary dialogue among European stakeholders in food industry
- Identifying actions necessary for improving EUREKA strategic approaches in multidisciplinary areas
- At least 10 new EUREKA/EUROSTARS projects

Thank you for your attention!