European Technology Platform ‘Food for Life’

General Assembly of the FoodNexus consortium - June 21, 2017

Prof. dr ir Gert W. Meijer, ETP Chairman
European Technology Platforms

Concepts
What are European Technology Platforms?

- Industry-led stakeholder fora, **key actors** in driving innovation, knowledge transfer and European competitiveness.

- ETPs develop **research and innovation agendas** and **roadmaps** for action at EU and national level.

- By working effectively together, ETPs deliver **solutions** to major challenges of key concern to citizens.

- ETPs are **independent** and self-financing entities.
What do ETPs do? (1/2)

ETPs have a **strategy, mobilisation and** dissemination function. In order to fulfil their role, their main activities encompass:

- Developing industry-focused **strategic research and innovation agendas** including technology roadmaps and implementation plans;

- Encouraging **industry participation in Horizon 2020**, and beyond, and cooperating with networks in Member States;
What do ETPs do? (2/2)

• Fostering **networking opportunities** with other ETPs and other partners along the value chain to address cross-sectoral challenges and promote the move towards more open models of innovation;

• Identifying **opportunities for international cooperation**;

• Acting as one of the channels of external **advice** for the programming and implementation of Horizon 2020; ETPs have been a key driving force behind PPPs.
ETP
‘Food for Life’

Recent activities
ETP ‘Food for Life’ Rejuvenation Process

- New Chair (appointed by FoodDrinkEurope Board).
- Dissolved former ETP Board (April 2015).
- A Rejuvenation Committee designed the new ETP vision, mission, strategy and structure.

<table>
<thead>
<tr>
<th>LT</th>
<th>• Establishment of the Leadership Team and the Scientific Working Groups (SWGs) – Q4 2015</th>
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<tr>
<td>SWG</td>
<td>• SWGs to start preparing the strategy and define the initiatives to align with – Q1 2016</td>
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<td>SRIA</td>
<td>• Formulate the SRIA, public document subject to public consultation – Q2/Q3/Q4 2016</td>
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<td>IAP</td>
<td>• Designing an IAP, and ensure the execution of the SRIA – 2017</td>
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Revised Vision

Step change the innovation power and impact of the European food industry to the benefit of a sustainable society.
The Task: Develop a New Research and Innovation Agenda

2007: 1st Strategic Research Agenda (SRA)
2008: SRA Implementation plan (IAP) (FP 7)
2012: 2nd Strategic Research and Innovation Agenda (SRIA)
2014: SRIA Implementation plan (Horizon 2020)
2016: New SRIA
2017: New IAP
New SRIA Development Process

• The very tough schedule required to pursue a top-down approach to come up quickly with a compelling document;

• The bottom-up part (research idea collection) was done via the Scientific Working Groups;

• Developed a general structure with a Part A (Strategy, LT) and a Part B (Action Item, SWGs).
SRIA Structure – Part A: Strategy

• State of Play of the Sector
  • Economic Importance
  • Global Position (SWOT Analysis)

• Sector Challenges & Forecasted Need Statements
  • Consumer Engagement and Perception of Food
  • Demographic Changes
  • Resources

• Ambition and Mission
SRIA Structure – Part B: A Call to Action

- Action items grouped into three R&I targets:
  - increase the engagement and involvement of consumers (1)
  - create a more personalized and customized food supply (2)
  - develop a more flexible, dynamic and sustainable food system (3)
- Each target is to be achieved by carrying out 5-6 action items of similar granularity (several calls from one action item feasible, but can be worked upon over a 3 year frame).
- Guiding principle was to have an appropriate combination on novelty, scientific quality, feasibility & impact.
Current work and next steps

1. Development of the IAP – how the ETP SRIA can be executed.

2. Re-connect with structures at national level and other relevant partners.
IAP 2017 – A Call to Action (1/2)

- Foreword
- Executive Summary
- Long-term objectives of the ETP Food for Life SRIA:
  - ETP ‘Food for Life’ and the future of the European Food and Drink Sector
  - Overall strategic objectives
- The programme and actions of the ETP Food for Life:
  - Introduction
  - Different actions at different levels
  - Implementation timeline
  - Analysis of total resource needs
  - Project-specific indicators: deliverables/KPIs
  - Cross-cutting aspects: Open Science and Responsible Research Innovation
IAP 2017 – A Call to Action (2/2)

- Description of the programme
- Horizontal activities
  - Training and education
  - Communication and dissemination
  - Knowledge transfer to SMEs
- The EU added value
  - Added value of the action at EU level and of public-private collaboration
  - Complementary synergistic activities
- A Flagship Pilot Programme - a new type of public-private collaboration
- Monitoring the progress and impact
  - Effectiveness of the IAP
  - Quality control and management approach
  - Alignment approaches and measures
  - Complementary synergistic activities
Specific chapter on Knowledge transfer to SMEs

• Is being developed jointly by ETP / EFFoST / EU collab. NFTPs
• Based on knowledge previously generated (e.g. EU projects TRUEFOOD, TRADEIT and TRAFOON; SRIA of the NFTPs)
• Issues to be considered:
  • Diversity of SMEs;
  • Diversity in needs;
  • Long-term dialogues, solutions, structures;
  • Understanding of market and consumer sciences.
Food systems for tomorrow's consumer

http://etp.fooddrinkeurope.eu

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