

Committed *since 2002*  
to ensuring that Europe's food is safe



# **Horizon 2020 and Research Priorities**

Management Board meeting  
Parma, 13 December 2012

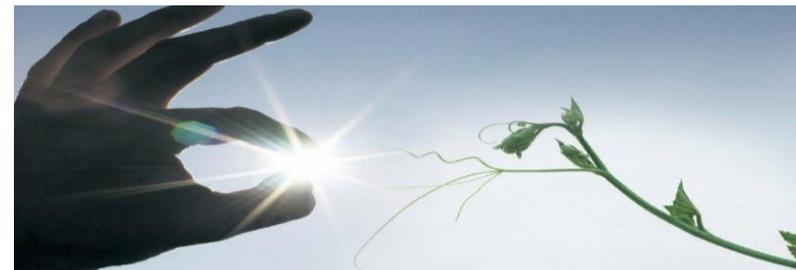
- **EFSA Activities on FP7**
- **Horizon 2020 overview**
- **Process 2012 and next Steps**

- Annual submission of priority proposals to DG Research
- Consultation with AF, SC, Units and Panels for identifying priority projects for last calls under FP7 in 2009 – 2011
- DG Research invited to attend AF meetings to explain selection of projects under calls and as part of ongoing dialogue

- Horizon 2020 is the next Framework Programme
- Links to EU 2020 Strategy: smart growth, sustainable growth and inclusive growth
- Three main priorities:
  - Part I: Excellent Science
  - Part II: Industrial Leadership
  - **Part III: Societal Challenges**

## Part III: Societal Challenges

- Most relevant sections relating to food:
  - Main section on Food Security, Sustainable Agriculture, Marine and Maritime Research and the Bio-Economy
  - Subsections on: Sustainable and competitive agri-food sector for a safe and healthy diet; sustainable exploitation of aquatic living resources and sustainable and competitive bio-based industries.



## Differences between Horizon 2020 and previous Framework Programmes:



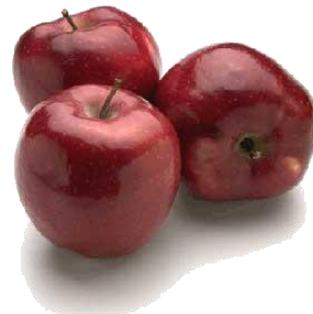
- Fewer calls
- Projects to be cross-cutting in nature (multi-sector e.g. between Energy and Environment)
- Involvement of DG AGRI for first time
- 3 year rolling plan
- Possibility of multi-annual budgeting

Expected that proposals will be agreed by European Parliament at end of 2013 with first calls launched in 2014

- Budget (estimated)
  - Overall 79 000M Euro - 31 000M Euro for **Part III Societal Challenges**
    - 4 200M Euro for Food security, sustainable agriculture, marine and maritime research and the bio- economy
  - Expected that DG AGRI will manage
    - all aspects of sustainable agriculture and the bio- economy and
    - estimated up to 50% of the budget for **Part III**

# Heading 1 - *Health, Demographic change and wellbeing*

- 1.1 Understanding determinants of health, improving health promotion and disease prevention.
  
- 1.3 Improving surveillance and preparedness
  
- 1.4 Understanding disease
  
- 1.11 Improving scientific tools and methods to support policy making and regulatory needs



- Better understanding of the impact of major drivers of change potentially affecting the food chain in the next 10 years, including antimicrobial resistance and/or virulence traits in animals and the food chain (1.1; 1.3)
- Research on the development of new risk assessment strategies using „omics“ technologies, mathematical models, QSARs, TTC (1.4; 1.11)
- Methodology and approach to assess health risks of combined exposures (and other stresses )(1.11)
- Prioritisation and risk ranking based on epidemiology aspects and linkage to disease burden (1.3; 1.11)

# Heading 2 - *European Bioeconomy*

## *Challenges:*

### ***Food Security, Sustainable Agriculture and Forestry, Marine and Maritime Research***

2.2 Sustainable and competitive agri-food sector for a safe and healthy diet

2.2.1 Informed consumer choices

2.2.2 Health and safe foods and diets for all

2.2.3 A sustainable and competitive agri-food industry



- Informed consumer choices: risk perceptions and communication of priorities to stakeholders (2.2; 2.2.1; 2.2.2)
- Competitive food processing methods: sustainable i.e. a holistic approach involving the whole food chain/cycle, including environmental fate (2.2; 2.2.3)
- Non-foodborne zoonoses and emerging diseases at the animal–human interface (2.2)

- June meeting with DG Research to discuss how best to input EFSA priorities into development process
- EFSA discussion paper then developed along strategic lines building on science strategy and previous main topics
- Examples of priority projects also provided from consultation



- Proposed meeting with DG AGRI to establish dialogue
- Strengthen ability to contribute priority proposals for research by:
  - Continuing strategic discussions with DG Research and DG AGRI in 2013 as specific work programme develops
  - Further consultation in 2013 with AF, SC, Units and Panels to identify specific priority projects under the Emerging risks Working Group of the EFSA Scientific Committee