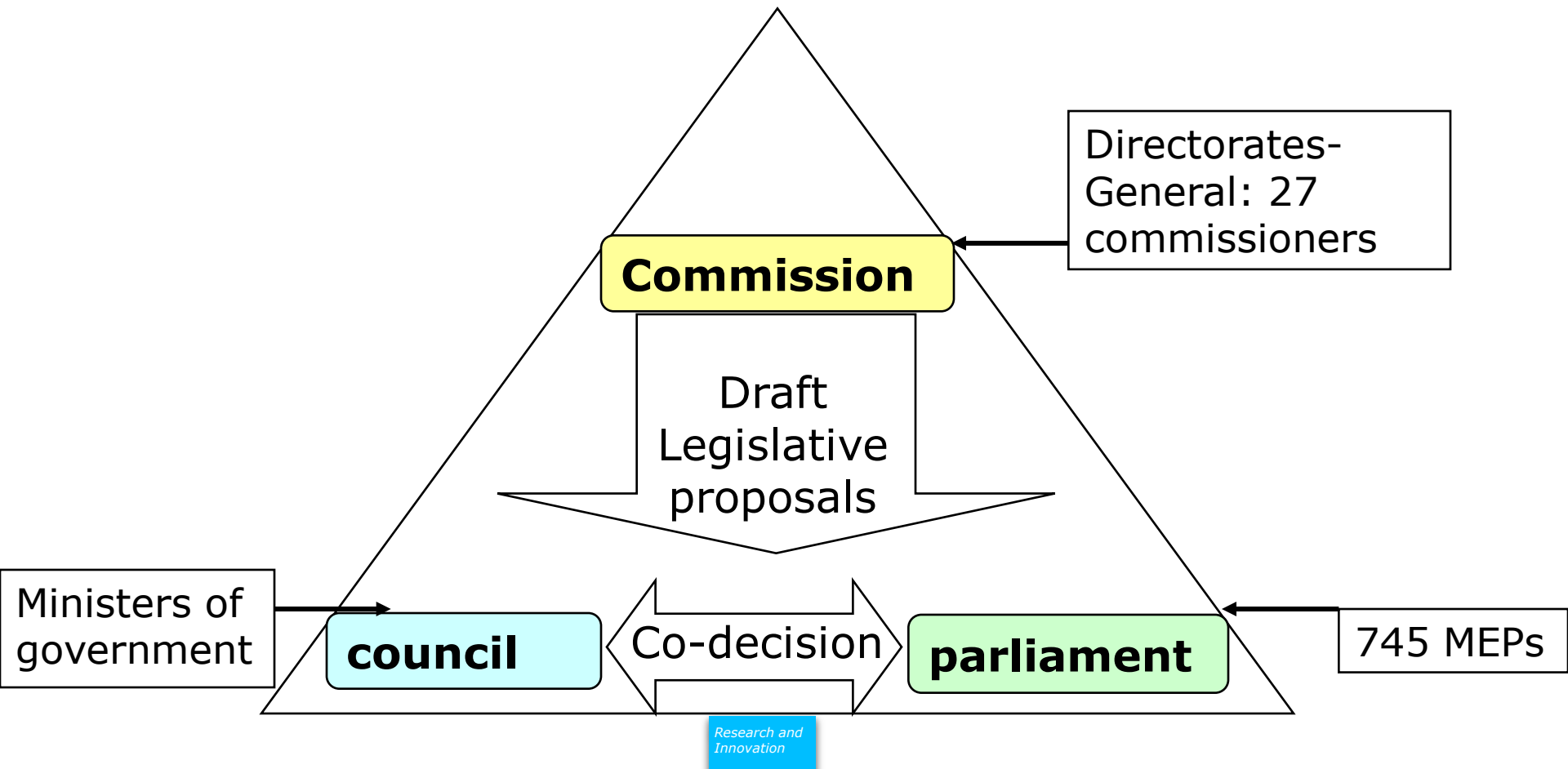




Bee EU funded research Past and future

Anne-Sophie Lequarré
DG-Research and Innovation
Unit E4: agriculture, primary productions

EU: Institutional Triangle: Decision Makers



European Commission

Managing the day-to-day business of the EU

- **implementing its policies**
- **running its programmes**
- **spending its funds**



European Commission

DG-AGRI
DG-SANCO
DG-RTD
DG-ENV
DG-CLIMA
DG-MARKT
DG-DEVCO

....



DG-AGRI: CAP measures - policies

Regulation (1997) for EU honey production:
funding Member States to set national programmes
with 6 measures (32 millions €/year)

- technical assistance
- control of varroasis
- restocking of hives
- rationalisation of transhumance
- support laboratories for honey analyses
- applied research to improve honey quality

DG-SANCO: health and consumers

Bee Health

EU bee reference lab: 01/04/2011

Legislation of veterinary medicine

Residues in Honey

Use of pesticides...

Pilot project: 3,3 M € Surveillance studies on colony losses

DG-ENV

Mission: to define environmental legislation and to ensure that measures are put into practice in the Member States.

Funding projects: **LIFE** instrument supporting environmental and nature conservation projects in the EU

Urbanbee: *promote actions to conserve and to enhance the biodiversity of wild bees in urban habitats across Europe. 1 Million €*

DG Research and Innovation

Mission: supports research through Framework Programmes (FP), coordinates and supports national and regional research

FPs: proposed by the Commission, adopted by the Council and Parliament (co-decision)

Research Framework programmes

- FP1: 1984-1987
- FP2: 1987-1991
- FP3: 1991-1994: 6M €
- FP4: 1994-1998: 13M €
- FP5: 1998-2002: 14M €
- FP6: 2002-2006: 18M €
- FP7: 2007-2013: 53M €
- FP8: Horizon 2020: ask for 80M €



The 7th EU Framework Programme (2007-2013)

DG Research and Innovation

A: Framework Programme: legal and financial aspects

B: ERA aspects: joint programming, infrastructures

C: Innovation, relation with stakeholders, SME projects

D: International Cooperation, SICA projects

E: Biotechnologies, Agriculture, Food

F: Health

G: Industrial Technologies

H: Transport

I: Environment

K: Energy

R: Resources: personnel, budget, informatics, logistics, Marie Curie

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Past projects

Alarm:

Brave:

Bee-shop:

Cleanhive:

Bee-doc:

Step:

Coloss:

FP6 projects:

Alarm: *methods for assessing large-scale environmental risks and minimise negative human impacts: 4 Modules: Pollinators Loss. 2004-2009, 12 Million €*

Brave: *Bee Research and Virology in Europe. 2005. 0,9 Million €*

Bee-Shop: *reduce honey contamination due to foraging contaminated nectar and chemotherapy of honeybee diseases. 2006-2009, 1,8 Million €*

FP7 projects:

STEP: *Status and Trends of European Pollinators.* 2010-2015, 3,5 Million €

Cleanhive: *develop an easy tool able to detect both Nosema species.* 2008-2012. 2,4 Million €

Bee-Doc: *impact of the interactions between parasites, pathogens and pesticides on honeybee mortality.* 2010-2013, 1,8 Million €

Coloss: *network of scientists, beekeepers and industry from 53 countries.* 2008-2012. **Beebook**

New call **KBBE.2013.1.3-02:** **Sustainable apiculture and conservation of honey bee genetic diversity**

- understanding **natural resistance mechanisms** to infectious and parasitic diseases (**varroa** as a parasite and a virus vector) in honey bees
- **maintaining the diversity** of endemic honeybee races in Europe.

Molecular processes, epidemiology, sustainable control of Varroa (disruption of behaviour – physiology) towards a therapy free approach.

6 Millions €, 15% for SME and closing 5/02/2013

New call **KBBE.2013.1.3-02:** **Sustainable apiculture and conservation of honey bee genetic diversity**

- ✓ **Expertise:** “omics”, molecular physiology, behaviour, parasitology, virology.
- ✓ **Environmental effects** on bees.
- ✓ **Genetic diversity** to be protected + used to enable sustainable apiculture.
- ✓ **Impact:** Sustainable varroa control to re-establish bee populations, ensuring pollination-dependent agriculture (food security + ecosystems).
Integrate beekeepers into stock improvement programmes instead of relying on a few sources of queen bees.

Call procedures

- ✓ *Open on the 10th of July and will close on the 5th of February 2013*
- ✓ *Check the eligibility of the proposals (dead-line, consortium, complete, budget, focus)*
- ✓ *Evaluation of the proposals by selected experts and ranking (3 to 4 months)*
- ✓ *Contact with the coordinators (late spring 2013)*

Evaluation criteria

Scientific quality: excellence, soundness, progress beyond state of art, quality workplan

Implementation: management system, quality and complementarity Consortium, use of resources

Dissemination: contribution impact listed, measures of dissemination, IP

Each criterion scored out of 5 (Half marks).
Threshold eligibility 3 and sum 10

Documentation

- *General documents readily available include:*
 - **EC Rules for participation**
 - **Rules for submission, evaluation, selection, award**
 - **Standard model grant agreement**
 - **Guide for beneficiaries**
 - **Guide to Financial Issues**

ec.europa.eu/research/participants/portal/page/home

Advice

- ✓ Use facilities which exist at national /regional/local level
- ✓ Appoint a coordinator with management skills.
- ✓ Select the partners according to skills and complementarities
- ✓ Read carefully the call topic description
- ✓ Address in your proposal all evaluation (sub) criteria
- ✓ Ask a non member of the consortium to read your application before submission (avoid changes at the last minute!!)
- ✓ Get advice on dissemination and exploitation
- ✓ Check that the proposal meets the eligibility criteria



Thank you for your attention!

Find out more:

ec.europa.eu/research/participants/portal/