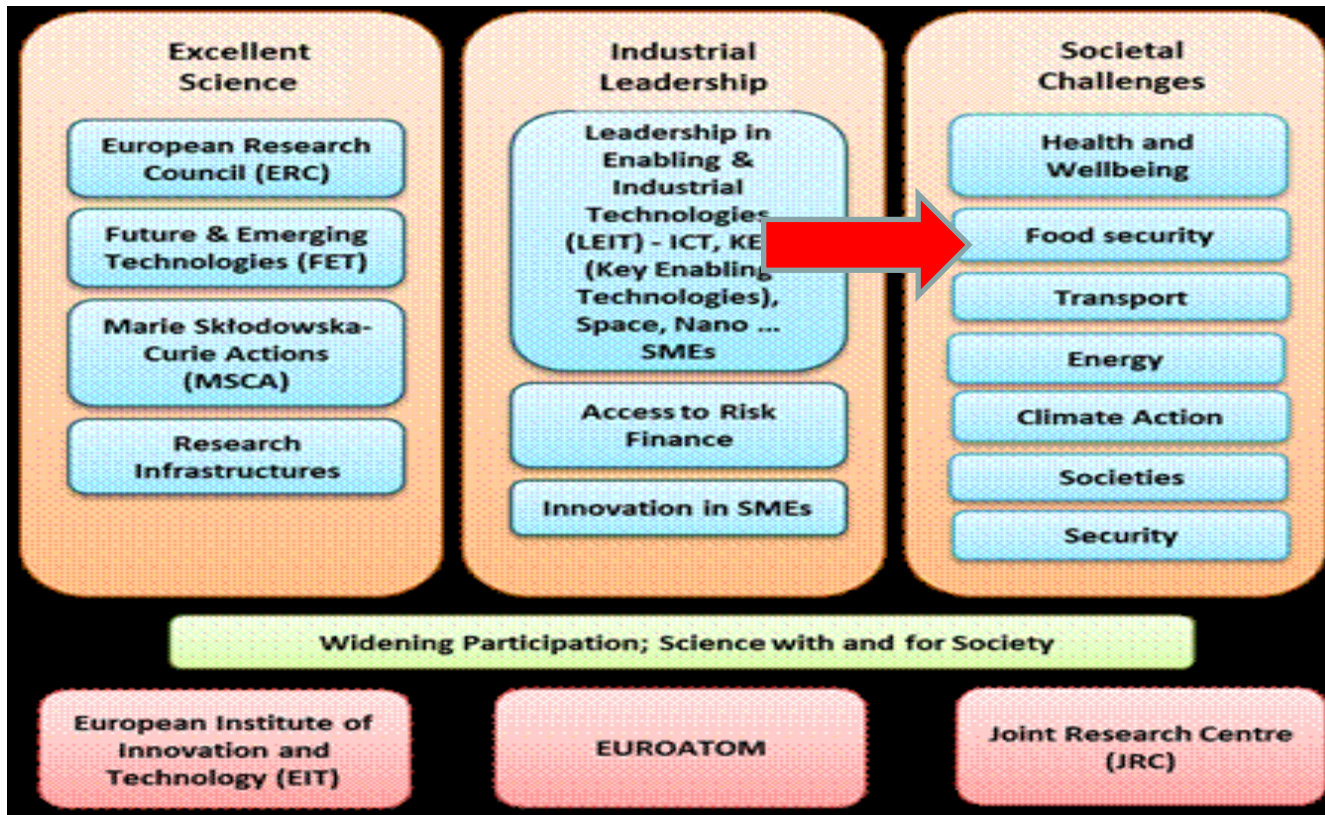


Strategické směry v H2020 – SC2 pro další období Účast ČR v prvních výzvách H2020 – SC2

Nad'a Koníčková
TC AV ČR
NCP Bio



Horizon 2020 - structure



Participation of the Czech teams in the 1st calls H2020 – SC2, call SFS

Výzvy SFS 2 stage : celkem podáno 25 financováno 6 úspěšnost 24 %

Typ projektu RIA podáno 23 financováno 6 úspěšnost 26 %

Typ projektu IA podáno 2 financováno 0

- **EMPHASIS** (SFS -03a Practical solutions for native and alien pests affecting plants) coord. IT, MZLU
- **EuroMix** (SFS -12 Assessing the health risks of combined human exposure to multiple food-related toxic substances) coord. NL , Státní zdravotní ústav
- **FATIMA** (SFS -02a Sustainable crop production) coord. ES. Methodology centre for environmental assessment (METCENAS OPS), Výzkumný ústav meliorací a ochrany půdy
- **ParaFish Control** (SFS -10a Tackling disease related challenges and threads faced by European farmed aquatic animals), coord. ES. Biologické centrum AV ČR
- **SUSFANS** (SFS- 19 Sustainable food and nutrition security through evidence-based EU agro-food policies) coord. NL Státní zdravotní ústav (models – food and nutrition security)

Výzvy SFS – 1 stage: celkem podány 3, financován 1, úspěšnost 33,3 %

Typ projektu CSA

- **ProIntensAfrica** (SFS- 06 Sustainable intensification pathways of agro-food systems in Africa) NL , Česká zemědělská univerzita (spolupráce EU-Afrika)

Participation of the Czech teams in the 1st calls H2020 – SC2, call ISIB

Výzvy ISIB 2 stage

Typ projektu RIA/IA: **podáno 6 financováno 2 úspěšnost 33,3 %**

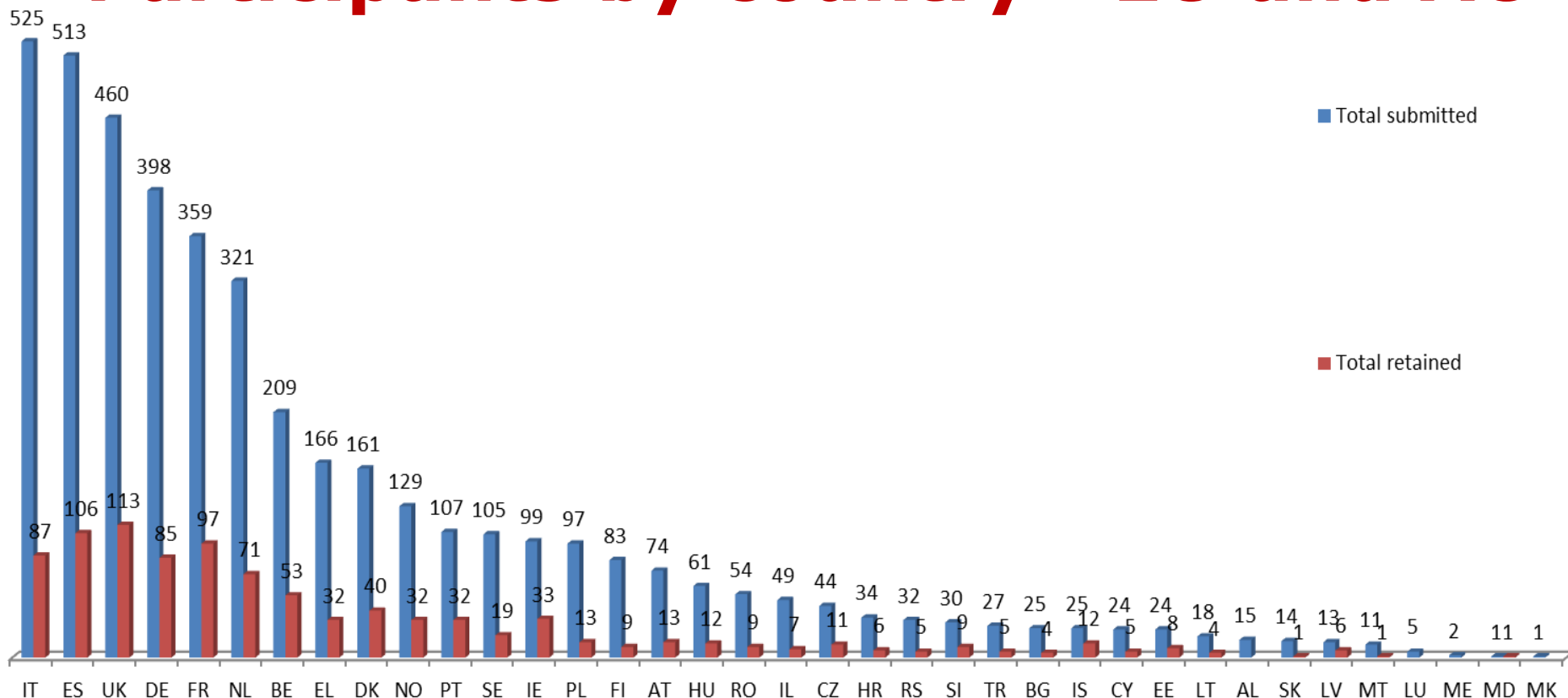
- **Diabolo** (ISIB-04a Improved data and management models for sustainable forestry) coord. FI. Ústav pro hospodářskou úpravu lesů Brandýs n. L.
- **PEGASUS** (ISIB -01 Provision of public goods by EU agriculture and forestry : putting the concept into practice) coord. UK. Ústav zemědělských a ekonomických informací

Výzvy ISIB 1 stage

Typ projektu CSA : **podáno 10 financováno 2 úspěšnost 20%**

- **BioHorizon** (ISIB -09 – Supporting NCP for H2020 SC2 and KET-biotechnology) coord. PL. TC AV
- **Hennovation** (ISIB – 02 Closing the research and innovation divide: the crucial role of innovationsupport services and knowledge exchange) coord. UK. VFU Brno (innovation in laying hens and livestock)

Participants by country - EU and AC



IT	ES	UK	DE	FR	NL	BE	EL	DK	NO	PT	SE	IE	PL	FI	AT	HU	RO	IL	CZ	HR	RS	SI	TR	BG	IS	CY	EE	LT	AL	SK	LV	MT	LU	ME	MD	MK
17%	21%	25%	21%	27%	22%	25%	19%	25%	25%	30%	18%	33%	13%	11%	18%	20%	17%	14%	25%	18%	16%	30%	19%	16%	48%	21%	33%	22%	0%	7%	46%	9%	0%	0%	100%	0%

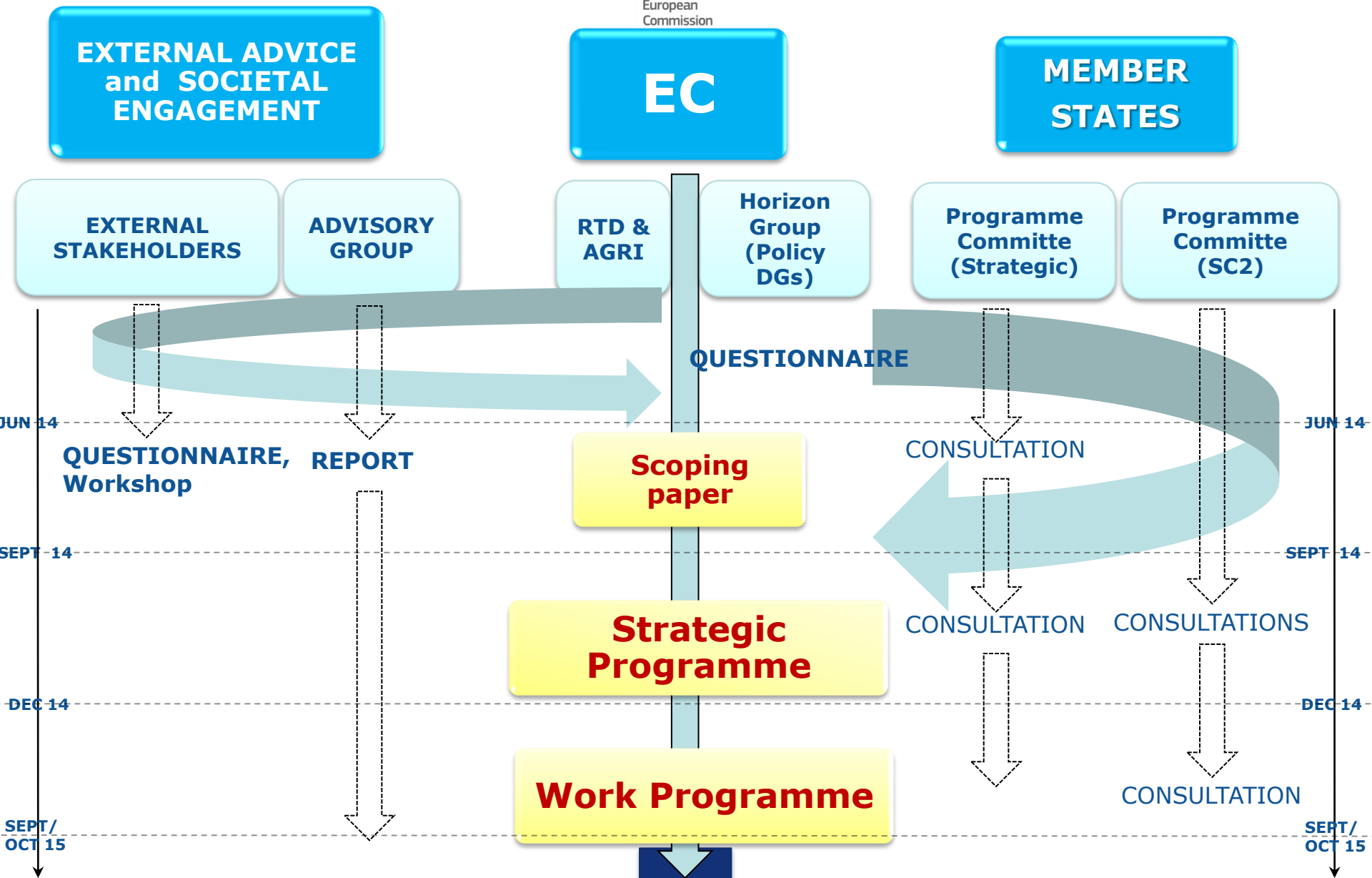
STRATEGIC PROGRAMMING

PROCESS



European Commission

Food Security, Sustainable Agriculture and Forestry,
Marine and Maritime and Inland Water Research
and the Bioeconomy



Next steps – preparation of the Workprogramme 2016-2017

Strategic orientations – Scoping paper SC2

2.1. Resource efficiency as a driver for a resilient primary sector and related industries

This strategic orientation aims at increasing **resource efficiency** and resilience in primary production (**agriculture, forestry, fisheries and aquaculture**) and in the related **food and biobased processing industries**, in order to contribute to ensuring global food security. The links of more resilient value chains to the promotion of **sustainable consumption patterns** and **healthy diets** or the importance of securing sustainable **biomass supply** are also key considerations of this strategic orientation.

Next steps – preparation of the Workprogramme 2016-2017

Strategic orientations – Scoping paper SC2

2.2 Smart and inclusive territories

The objective of this strategic orientation is to boost the creation of jobs, economic opportunities and environmental services for territorial development, through the **diversification and modernisation of rural and coastal economies**.

2.3. Unlocking the potential of seas and oceans

how our oceans, seas and coasts can offer an essential contribution to tackling the scarcity and vulnerability of strategic resources, and provide a wealth of technological, industrial and recreational opportunities

Next steps – preparation of the Workprogramme 2016-2017

Strategic orientations – Scoping paper SC2

2.4. Mobilising stakeholders engagement for new bio-based markets

Experience shows that participative leadership and **stakeholders' involvement in policy making** at early stages of development is the key to optimise benefits and prevent negative impacts from policy. This is also the case of research policy. The need to gear the **innovation process** to **societal needs** is reflected in the Europe 2020 strategy (2010) and the Horizon 2020 Regulation. This orientation goes beyond communicating the measures taken, and it aims at **involving the wider society at the early stage of the definition of the research and innovation agendas**, thereby creating more participatory innovation models in the bioeconomy.

Translating strategic orientation into calls 2016-2017

Strategic orientations – Scoping paper SC2

Proposed focus area calls of Societal Challenge 2:

- 3.1. Sustainable Food Security – Resilient and resource-efficient value chains
 - Transitions and innovation in primary sector and related industries
 - Environment and climate smart primary production (clean technologies, ICT)
 - Competitive food industry, healthy food, healthy diet
- 3.2. Blue Growth - Demonstrating an ocean of opportunities
 - Innovation for emerging blue growth activities (multi-use offshore floating platforms, algae biomass bio-refineries, exploitation deep sea mineral resources, ocean observing, surveying, monitoring))

Translating strategic orientation into calls 2016-2017

Strategic orientations – Scoping paper SC2

Other calls:

- 3.3. A Rural Renaissance - Fostering innovation and business opportunities
 - Inter-linked rural areas delivering goods and services
 - Modern tools in the service of rural communities
 - Innovation and skills development in rural areas

- 3.4. Bioeconomy - Bio-based innovation for sustainable goods and services
 - Securing sustainable biomass supply for bio-based products
 - Building the bio-based markets (bio-based products market uptake – economic and social factors, consumer choice...)

Next steps – preparation of the Workprogramme 2016-2017

Strategic orientations – Scoping paper

SC 5 Climate action, environment, resource efficiency and raw materials

Main areas:

- **Systemic eco-innovation for a circular economy**
- **Climate Services**
- **Nature-based Solutions**
- **Raw Materials**
- **Earth Observation**
- **Water**
- **Cultural heritage for sustainable growth**
- **The Arctic**

Strategické dokumenty, iniciativy

- Bioeconomy strategy

http://ec.europa.eu/research/bioeconomy/pdf/201202_innovating_sustainable_growth_en.pdf

- Strategic and innovation research agendas of European Technology platforms

http://ec.europa.eu/research/bioeconomy/innovation/etps/index_en.htm

- European innovation partnership– Agriculture

http://ec.europa.eu/agriculture/eip/index_en.htm

- PPP Biobased Industry

- <http://www.bioconsortium.eu>

Informace k H2020:

http://ec.europa.eu/research/horizon2020/index_en.cfm

<http://www.horizon2020.cz/>

<http://www.czelo.cz>

<http://www.tc.cz>

Děkuji Vám za pozornost.

konickova@tc.cz

tel.: +420 234 006 109