



DRAFT Work Programme 2016-2017

H2020 Societal Challenge 2

Opportunities in the field of animal health and EU-China
flagship on Food, Agriculture and Biotechnology



LINKTADS Workshop
13 October 2016

DG RTD, Dir on Bioeconomy
Agri-Food Chain Unit
DG AGRI, Dir on General aspects of rural
development and research,
Research and Innovation Unit

Important notice

- This presentation is based on a **working document which is not yet endorsed by the Commission** and its content does not in any way prejudge the final decision of the Commission.
- The adoption and the publication of the work programme by the Commission are expected in **mid-October 2015**. Only the adopted work programme will have legal value.
- The Commission expressly disclaims liability for any future changes of the content of this presentation.

Quick: Basis about Horizon 2020



Three pillars



Societal challenges

SC1	Health, demographic change and wellbeing	7 472
SC2	Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the Bioeconomy	3 851
SC3	Secure, clean and efficient energy *	5 931
SC4	Smart, green and integrated transport	6 339
SC5	Climate action, environment, resource efficiency and raw materials	3 081
SC6	Inclusive, innovative and reflective societies	1 310
SC7	Secure societies	1 695
	<i>Science with and for society</i>	<i>462</i>
	<i>Spreading excellence and widening participation</i>	<i>816</i>

The 2016-2017 Work Programme addressing solutions to Societal Challenge 2?

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HORIZON 2020



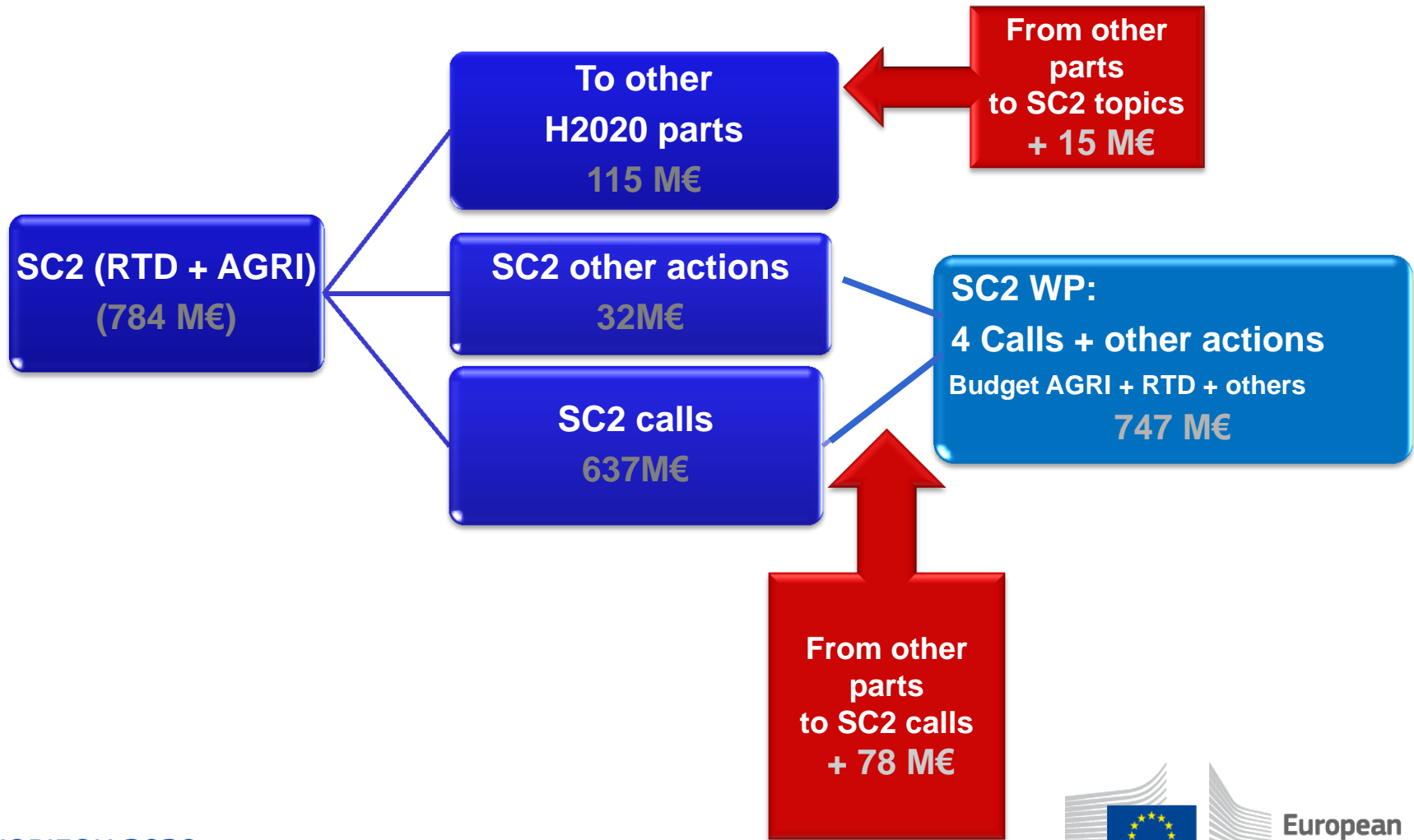
Horizon 2020 work programme 2016-2017: Proposing solutions to global challenges

- **Feed 9 billion people by 2050** by improving farming and food systems' capacity to sustainably supply sufficient and healthy food
- **Unlock the potential of seas and oceans** which cover 70% of the Earth's surface and host 50% of known species
- **Raise the sustainable growth potential of rural areas** and their ability to cope with demographic, climatic and economic change
- **Boost bio-based markets** to create over 36% growth/ year in the sector and 90.000 new jobs

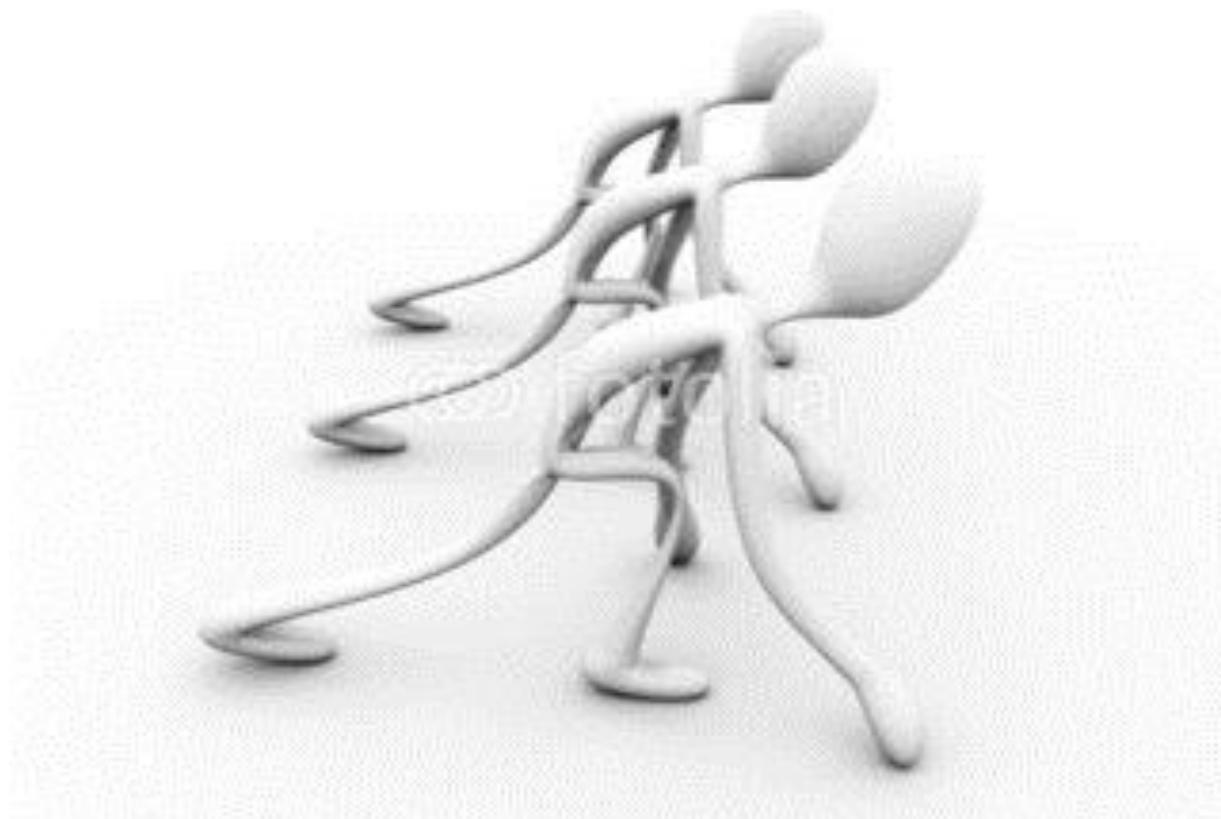
Horizon 2020 work programme 2016-2017: Four core objectives

- **Foster resilient and resource efficient** primary production and industry as well as **sustainable and healthy consumption**
- **Demonstrate the innovative potential of the Oceans** by bringing technology to market
- **Foster innovation and business opportunities for rural and coastal areas** through new territorial approaches and business models
- **Re-industrialise Europe** through new bio-based value-chains, securing sustainable biomass

Societal Challenge 2 2016-17 Budget



Four calls in Societal Challenge 2



Four Calls in Societal Challenge 2

**Sustainable
food security**

**Blue
Growth**

**Rural
Renaissance**

**Bio-based
innovation
for
sustainable
goods and
services**





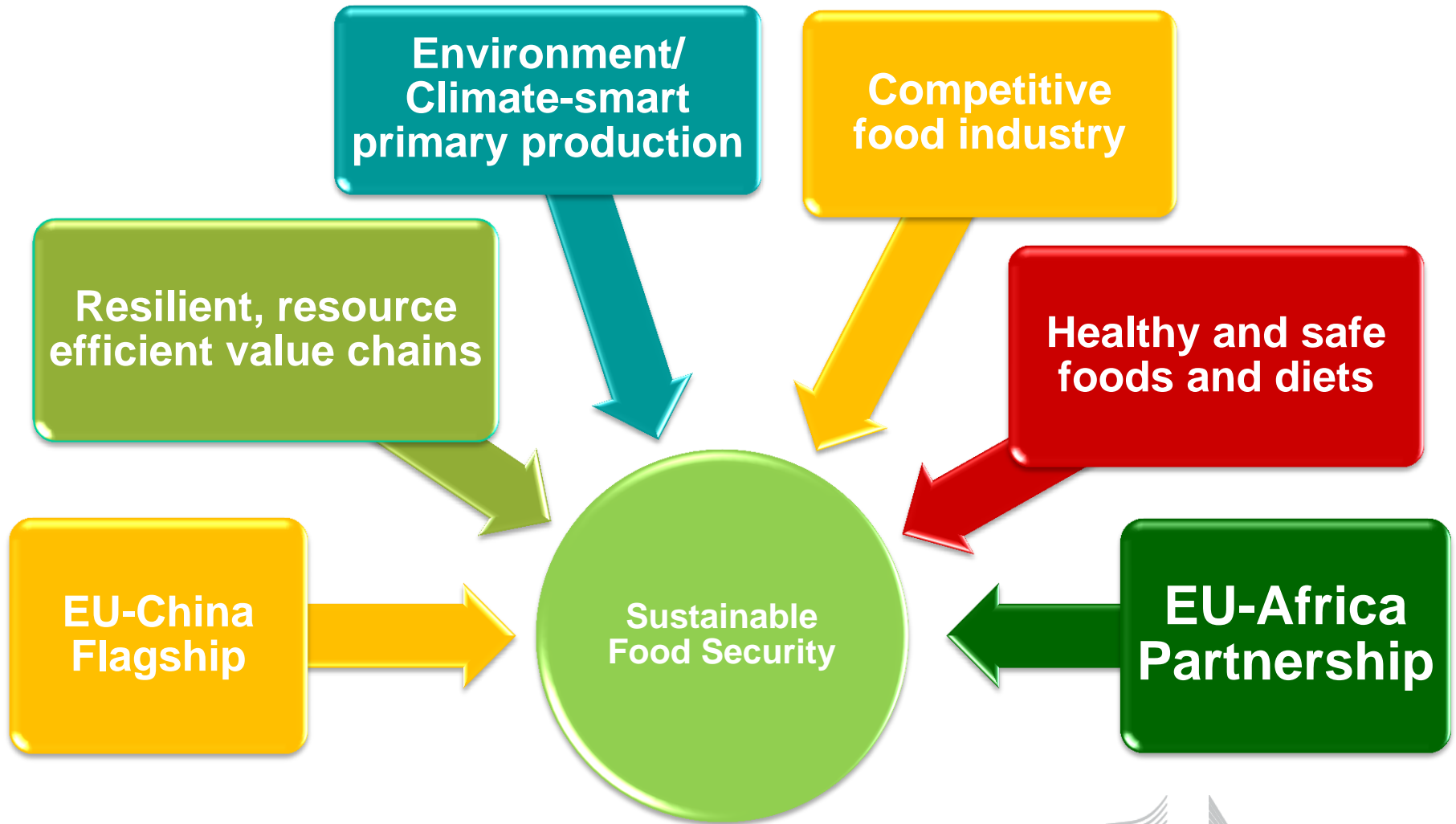
Focus Area Call

Sustainable Food Security - Resilient and resource efficient value chains (SFS)

431 M€ to ensure sufficient, safe and nutritious food for all while safeguarding natural resources



Sustainable Food Security : 6 areas



Livestock-related topics in DRAFT 2016-2017

2016

- **Support for international research on animal health** - Collaborative and Support Action (CSA)
- **Understanding host-pathogen-environment interactions** - Research and Innovation Action (RIA)

2016-2017

- **Breeding livestock for resilience and efficiency** - Research and Innovation Action (RIA)

2017

- **Research and approaches for emerging diseases in plants and terrestrial livestock** - Research and Innovation Action (RIA)
- **Validation of diagnostic tools for animal and plant health** - Innovation Action (IA)
- **Bee health and sustainable pollination** - Research and Innovation Action (RIA)
- **Co-fund on "One Health" (zoonoses – emerging threats)** - Cofund (European Joint Programme)
- ***Alternative production systems to address anti-microbial drug usage, animal welfare and the impact on health - EU-China FAB Flagship initiative.***

All topics of EU-China Food, Agriculture and Biotechnology flagship in DRAFT 2016-2017

Call topic	Title	Action	Budget EU partners (€ mill)	
			2016	2017
SFS-44-2016	A joint plant breeding programme to decrease the EU's and China's dependency on protein imports	RIA	5.00	
SFS-45-2016	Increase overall transparency of processed agri-food products	RIA	5.00	
SFS-46-2017	Alternative production system to address anti-microbial drug usage, animal welfare and the impact on health	RIA		5.00
SFS-47-2017	Management of soil water resources in the EU and China and its impact on agro-ecosystem functions	RIA		5.00
SFS-48-2017**	Resource-efficient urban agriculture for multiple benefits – contribution to the EU-China Urbanisation Partnership	IA		7.00
		Total	10.00	17.00
			Total	27.00

Official publication and opening of calls:

14 OCTOBER!

More info at:

<http://ec.europa.eu/programmes/horizon2020/>

INFODAYS on H2020 SC2

- Dissemination of H2020 2016-2017 Work Programme.
- Find dates and locations at your National Contact Point:
http://ec.europa.eu/research/participants/portal/desktop/en/support/national_contact_points.html



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**Thank you
for your attention!**

Find out more:
www.ec.europa/research/horizon2020