



EU-CHINA FOOD, AGRICULTURE AND BIOTECHNOLOGY (FAB) FLAGSHIP INITIATIVE



A COMPREHENSIVE RESEARCH AND INNOVATION COOPERATION PROGRAMME TO TACKLE SUSTAINABLE AGRICULTURE, FOOD SECURITY AND SAFETY IN THE EU AND CHINA

**Priority Areas of mutual interest for EU China research and innovation collaboration
Jointly identified and agreed by European and Chinese policy makers and experts**

- 1. Food related issues:** food safety, and quality, food processing, logistics, inspection and controls, traceability, sustainable consumption, food waste;
- 2. Sustainable agriculture:** integrated pest management, organic and low-input farming, crop variety development, water and soil management, animal health and welfare, sustainable livestock breeding and production, urban agriculture;
- 3. Biotechnologies:** new bio products, biomass sources and standards;

FAB FLAGSHIP 1st PHASE – WORK PROGRAMME 2014/2015

A first phase implemented through the Horizon 2020 work programme 2014/2015, included seven topics in areas of common interest. Eleven projects with Chinese participants started or will shortly kick-off. The 2014 call resulted in seven ongoing projects with a total of EU investment of 59 million euros. The seven projects involve 144 partners including 14 partners from China. The 2015 call resulted in four ongoing projects with a total EU investment of 25.8 million euros. The four projects involve 104 partners in total, including 21 partners from China.

2014 calls: 7 ON-GOING PROJECTS

EUCLID

EU-CHINA Lever for IPM
Demonstration

www.euclidipm.org

LANDMARK

LAND Management: Assessment,
Research, Knowledge base

www.landmark2020.eu

SAPHIR

Strengthening Animal Production
and Health through the Immune
Response

www.h2020-saphir.eu

PARAGONE

PARAGONE: vaccines for animal
parasites

www.paragoneh2020.eu

REFRESH

Resource Efficient Food and dRink
for the Entire Supply cHain

www.eu-refresh.org

FEED-A-GENE

Adapting the feed, the animal and
the feeding techniques to improve
the efficiency and sustainability of
monogastric livestock production
systems

www.feed-a-gene.eu

ISQAPER

Interactive Soil Quality Assessment
in Europe and China for Agricultural
Productivity and Environmental
Resilience

www.isqaper-project.eu

59 Million EURO
144 Partners in total
14 Partners from
CHINA

2015 calls: 4 ONGOING PROJECTS

MycoKey

Integrated and innovative key
actions for mycotoxin
management in the food and feed
chain

<http://www.mycored.eu/d/84/MycoKey/>

MyToolBox

Food and Feed through an
Integrated Tool Box for
Mycotoxin Management

<https://www.mytoolbox.eu/>

Agrocycle

Sustainable techno-economic
solutions for agricultural value
chain

[To start in June 2016]

NoAW

Innovative approaches to turn
agricultural waste into ecological
and economic assets

[To start in October 2016]

25.8 Million EURO
104 Partners in total
21 Partners from
CHINA

FAB FLAGSHIP 2nd PHASE – WORK PROGRAMME 2016/2017

For the second phase of the FAB Flagship, five topics were identified and drafted together for the first time ever within the EU-China FAB Task Force. The areas for cooperation have been approved by the Joint Steering Committee on EU China S&T Cooperation, and topic texts have been confirmed by the EU-China High Level Innovation Cooperation Dialogue (ICD). Calls for proposals are now published under the HORIZON 2020 Work Programme for 2016/2017, with a total budget of EUR 27 million for EU partners in future selected projects. Chinese partners will be able to apply for financial support through the new EU-China Co-funding Mechanism for which the first call was published by China's Ministry of Science and Technology on 16 December 2015 (http://www.most.gov.cn/mostinfo/xinxifenlei/fgzc/gfxwj/gfxwj2015/201512/t20151216_122975.htm)

[MOST call](#) (Chinese version) | [MOST call](#) (English translation)

5 TOPICS ARE PUBLISHED UNDER HORIZON 2020 SOCIETAL CHALLENGE 2

2016/2017 calls:
**MORE PROJECTS
TO COME**

SFS 45: Increase overall transparency of processed agri-food products

Stage 1: **17 February 2016**
Stage 2: 13 September 2016

SFS 44: Plant breeding programme to decrease dependency of protein imports

Stage 1: **17 February 2016**
Stage 2: 13 September 2016

SFS 46: Alternative production systems to address anti-microbial drug usage, animal welfare and the impact on health

Stage 1: **14 February 2017**
Stage 2: 13 September 2017

SFS 47: Management of soil-water resources in the EU and China and its impact on agro-food ecosystem functions

Stage 1: **14 February 2017**
Stage 2: 13 September 2017

SFS 48: Resource-efficient urban agriculture for multiple benefits / Contribution to the EU-CN Urbanisation Partnership

Single Stage Deadline:
14 February 2017

THE EU-CHINA FAB FLAGSHIP INITIATIVE

BACKGROUND INFORMATION

Being the two biggest food producers in the world, China and the EU, share a common goal to join forces for addressing challenges related to food security, food safety, healthy diets, animal health and sustainable agriculture. Research and innovation cooperation in Food, Agriculture and Bio-technology (FAB) can make a major contribution to these important common and global challenges.

The EU China Task Force on Food, Agriculture and Biotechnologies was created in 2011 as thematic working group under the Joint Steering Committee for EU China S&T Cooperation. Through extended discussions among experts from both sides at the EU-China Experts' seminar on R&I cooperation on FAB and at the 3rd EU-China FAB Task Force meeting in October 2013 mutually beneficial objectives and areas of common interests were identified. Subsequently, the EU-China FAB Flagship Initiative on Food, Agriculture and Biotechnologies was officially launched at the EU-China Summit on 21 November 2013 with the signature of a Letter of Intent on Research and Innovation Cooperation in FAB between the European Commission and the Chinese Academy of Agricultural Sciences (CAAS). It was also announced during the 1st EU-China Innovation Cooperation Dialogue in November 2013.

It is in the interest of the European Union (EU) to ensure that China is moving towards more sustainable agro-food production systems, as unsustainability in China might have severe knock-on effects in an increasingly globalised market. The opportunity to export new advanced sustainable technologies and scale-up the potential of the Chinese market will enhance innovation in Europe and contribute to growth and jobs. Ensuring sustainable food production systems in China will also increase global trade predictability, overall productivity, transparency of the food chain and resource-efficiency.

EUROPEAN COMMISSION:

DG Agriculture and Rural development: AGRI-H5@ec.europa.eu

DG Research and Innovation: RTD-F3-PO@ec.europa.eu

EU DELEGATION TO CHINA:

EU Delegation to China Agri-Santé Section: Delegation-China-Agri-Sante@eeas.europa.eu

EU Delegation to China S&T Section: Delegation-China-Scitech@eeas.europa.eu

EU Delegation to China website: www.eeas.europa.eu/delegations/china/index_en.htm

CHINESE ACADEMY OF AGRICULTURAL SCIENCES (CAAS): www.caas.cn/en

MINISTRY OF SCIENCE AND TECHNOLOGY (MOST): www.most.gov.cn



