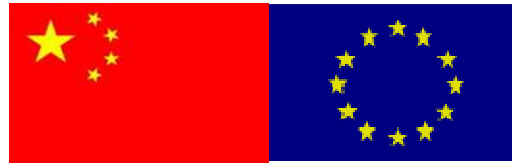




***EU-China R&I cooperation  
in the field of Food,  
Agriculture and  
Biotechnology (FAB), first  
results and future  
opportunities***

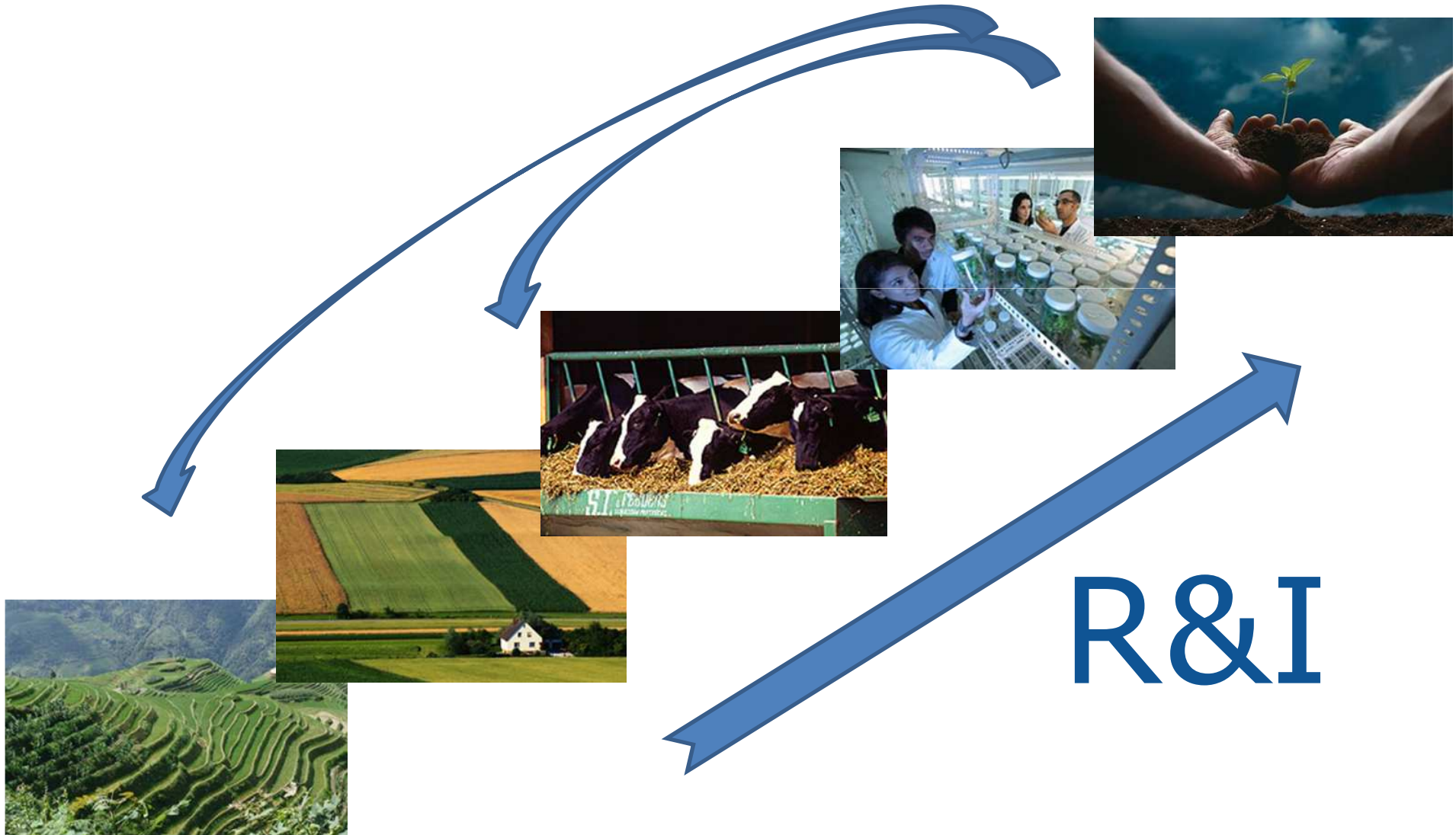
***Nicolas Dandois  
Counsellor for Agriculture  
European Union Delegation to China***

# Outline



- 1. The FAB Flagship initiative**
- 2. First results**
- 3. Future opportunities**

# The Food, Agriculture and Biotechnology (FAB) Flagship initiative



# FAB Flagship Initiative





**FAB FLAGSHIP = 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 are jointly identified and agreed by European and Chinese policy makers and experts**

- 1. Food related issues**
- 2. Sustainable agriculture**
- 3. Biotechnologies**



# The FAB Flagship Initiative

# H2020

**Official launch in  
China, November 2013**



**1. Health, demographic change and wellbeing**

**2. Food security, sustainable agriculture and forestry, marine, maritime and inland water research and the bioeconomy**

**3. Secure, clean and efficient energy**

**4. Smart, green and integrated transport**

**5. Climate action, resource efficiency and raw materials**

**6. Inclusive, innovative and reflective societies**

**7. Secure societies**



## **First results**

H2020 Calls for proposals 2014/2015

3 on-going projects  
on animal production

PARAGONE

SAPHIR

Feed-a-Gene



## FAB FLAGSHIP 1<sup>st</sup> PHASE – WORK PROGRAMME 2014/2015

2014 calls: 7  
ON-GOING  
PROJECTS

### EUCLID

EU-CHINA Lever for  
IPM Demonstration

[www.euclidipm.org](http://www.euclidipm.org)

### LANDMARK

LAND Management:  
Assessment,  
Research, Knowledge  
base

[www.landmark-project.eu](http://www.landmark-project.eu)

### ISQAPER

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

[www.isqaper-project.eu](http://www.isqaper-project.eu)

### PARAGONE

PARAGONE: vaccines  
for animal parasites

[www.paragoneh2020.eu](http://www.paragoneh2020.eu)

### 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](http://www.feed-a-gene.eu)

### REFRESH

Resource Efficient  
Food and dRink for the  
Entire Supply cHain

[www.eu-refresh.org](http://www.eu-refresh.org)

### SAPHIR

Strengthening Animal  
Production and Health  
through the Immune  
Response

[www.h2020-saphir.eu](http://www.h2020-saphir.eu)

59 Million EURO  
144 Partners in total  
14 Partners from  
CHINA



## FAB FLAGSHIP 1<sup>st</sup> PHASE – WORK PROGRAMME 2014/2015

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



# **Future opportunities (1)**

H2020 Calls for proposals 2016/2017

1 Open call (deadline 14/02/2017)

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

## FAB FLAGSHIP 2<sup>nd</sup> PHASE – WORK PROGRAMME 2016/2017

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**



## **Future opportunities (2)**

**Multilateral cooperation supported  
by the European Commission**

**International research  
Consortium on Animal Health  
(IRC-StarIdaz)**



# Background

## **STAR-IDAZ (Global Strategic Alliances for the Coordination of Research on the Major Infectious Diseases of Animals and Zoonoses)**

- A four-year EU-funded global initiative to address the coordination of research programmes at international level
- Network now operating under an MoU signed, as of 27/4/2016, by 28 funding organisations from 21 countries





# International Research Consortium (IRC)

## Higher level of commitment for coordinated research activities through the STAR-IDAZ International Research Consortium for Animal Health (IRC)

- Agree minimum level of investment in research on priorities over a five year period (threshold \$US 10 million; group funding commitment possible)
- Agree delivery targets
- Agree to coordinate/align funding to deliver these targets (members' own funding procedures, governance document & policy guidelines)
- Agree to share research results (as much as necessary, without jeopardising IPR)
- 16 partners from 13 countries plus one international organisation and three from industry have, as of September 2016, signed Letter of Intent to participate
- Total combined research budget of \$US 2.5+ billion





# Objective of STAR-IDAZ IRC

**To coordinate research at international level to contribute to new and improved animal health strategies for at least 30 priority diseases/infections/issues**

The deliverables include:

- Candidate vaccines
- Diagnostics
- Therapeutics
- Other animal health products and procedures
- Key scientific information/tools to support risk analysis and disease control



# Working Groups

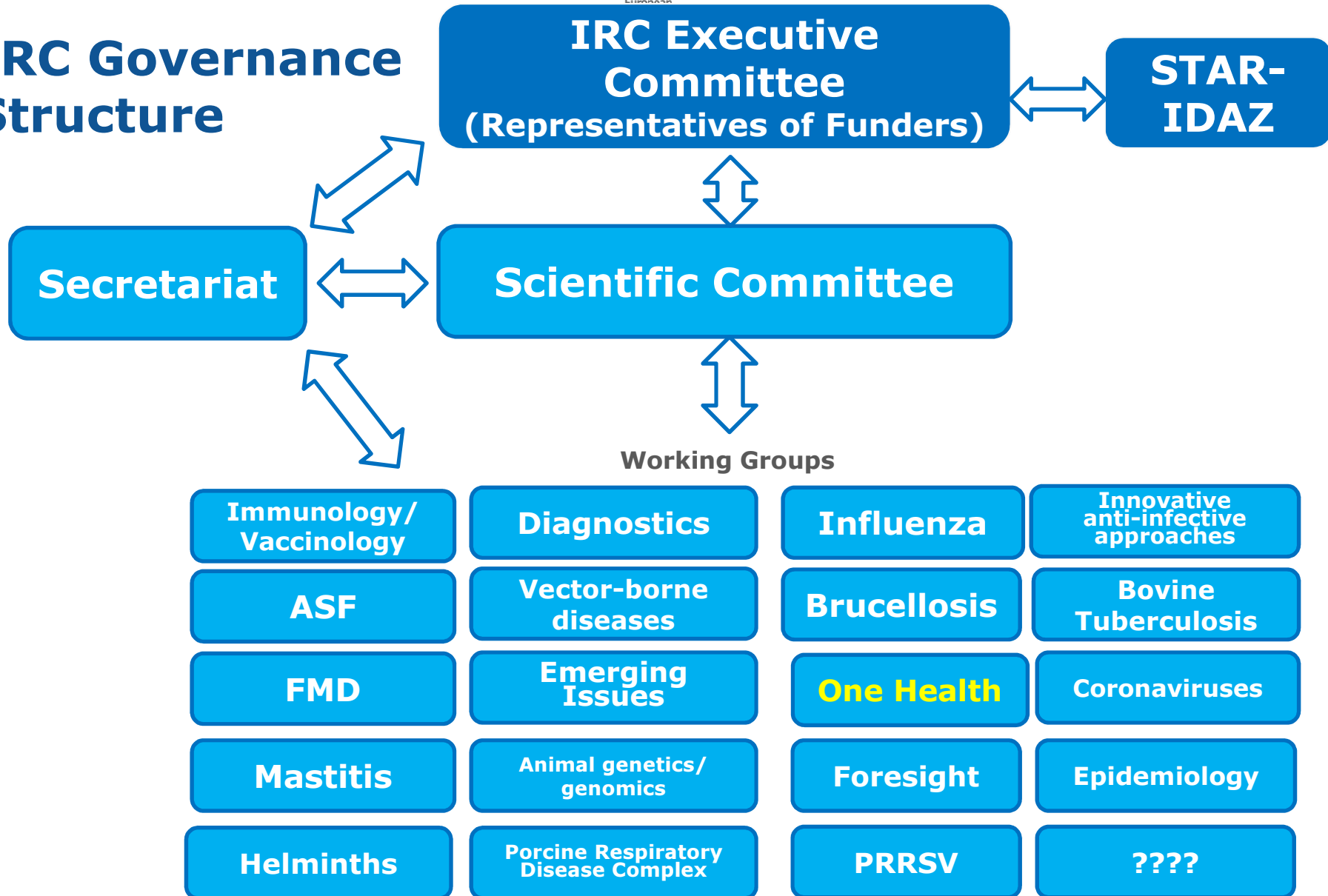
Existing or to be populated







# IRC Governance Structure





# Thank You !

# 谢谢

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