



CAAS-EU Cooperation

Past, Present and Future

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Outline

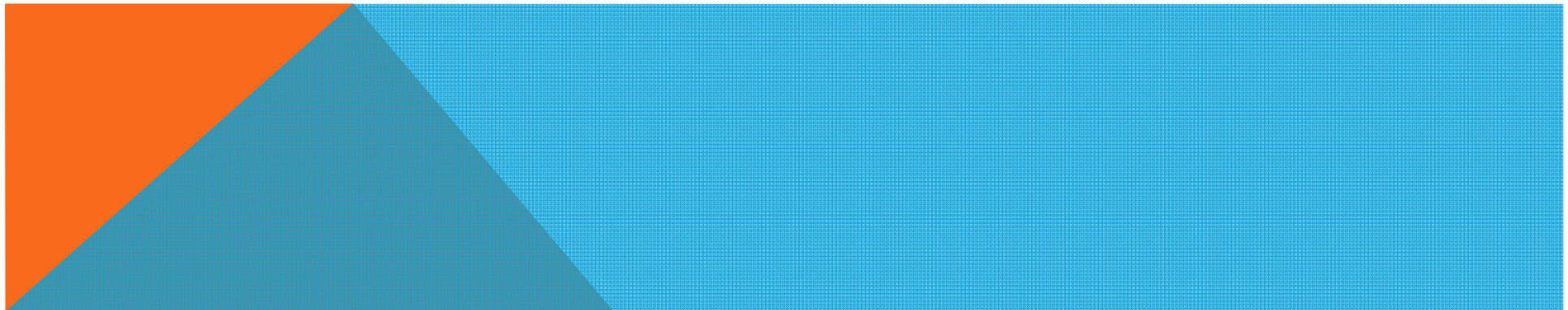


- **CAAS-EU Cooperation: Lessons From the Past**
- **Consideration on CAAS-EU Cooperation in the Next Stage**





CAAS-EU Cooperation: Lessons From the Past



- The cooperation between EU and CAAS in the field of Agricultural research began from the 3rd EU Framework Programme (1991-1995).

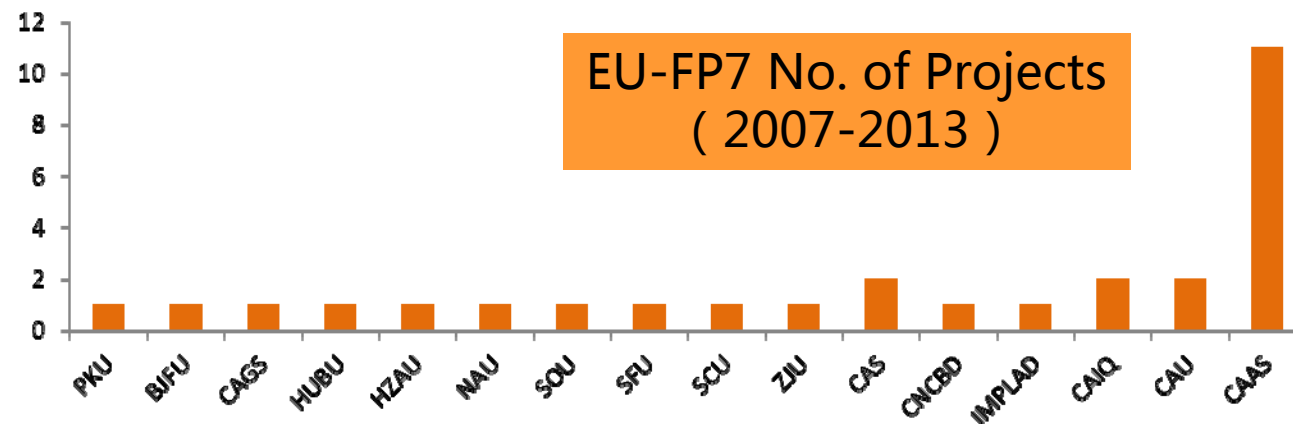
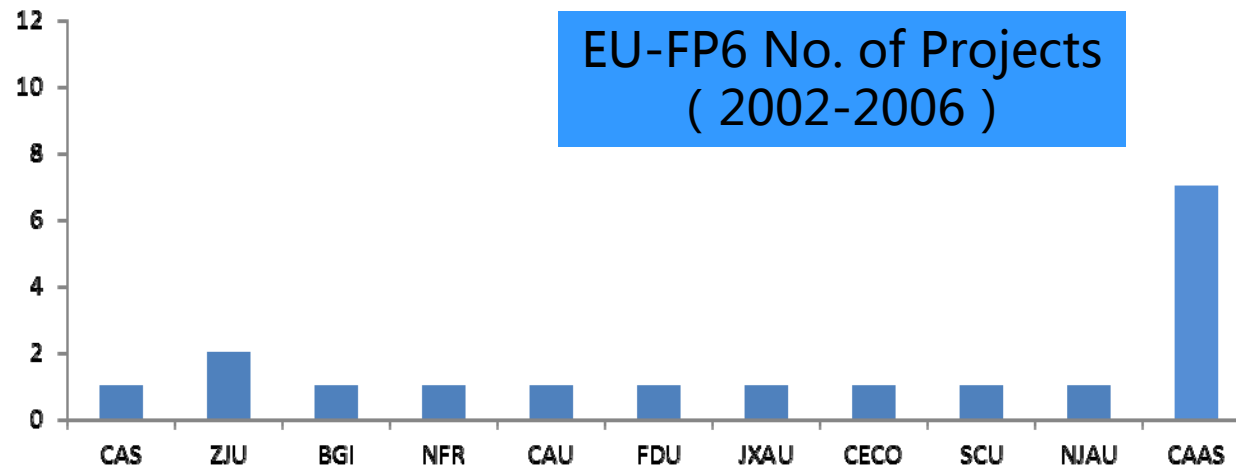


A project of controlling Asian corn borer is the first EU-China agricultural research cooperation

- From 1996, CAAS actively and systematically participated in FP projects.



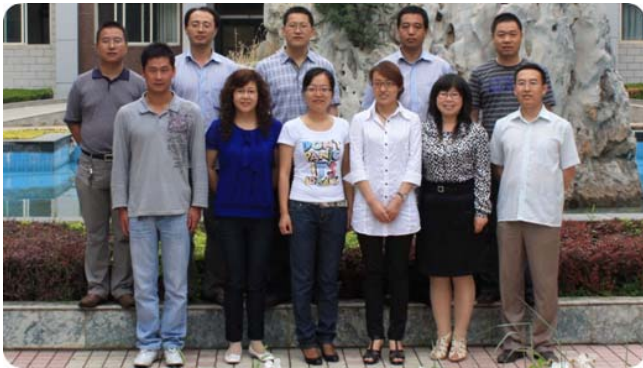
Up to now, more than 40 FP projects have been jointly conducted by CAAS and research institutes of EU member states.



Major research disciplines of CAAS-EU cooperation

- Veterinary
- Crop Breeding
- Agricultural Resources and Environment (include plant protection)

Success Story I-Veterinary



Vector and vector-borne diseases research team at LVRI, CAAS has been involving in 7 FP projects in the last ten years.

FP6 EPIZONE: Network of Excellence of Epizootic Diseases Diagnosis and Control

ASEMDialog: The EU, China and South East Asia Dialog for the development of research areas in animal health of mutual interest

ICTTD: Integrated consortium on ticks and tick borne diseases

FP7 ARBO-ZOONET: International Network for Capacity Building for the Control of Emerging Viral Vector Borne Zoonotic Diseases

ASFRISK: Evaluating and controlling the risks of African swine fever in the EU

PIROVAC: Improvement of current and development of new vaccines for theileriosis and babesiosis in small ruminants”

STAR-IDAZ: Global Strategic Alliances for the Coordination of Research on the Major Infectious Diseases of Animals and Zoonoses

Success Story II-Crop Breeding

- Dr. Jiankang Wang' s team at ICS, CAAS has carried out an EU-China partnership initiative in plant breeding successfully, i.e. Breeding to Optimize Chinese Agriculture (OPTICHINA, FP7) .



The China - EU Workshop on New Technologies and Methods in Crop Molecular Breeding



website to share information

Success Story III-Plant Protection

- Scientists from IPP, CAAS have carried out two EuropeAid projects and helped farmers in the Greater Mekong sub-region (including Laos and Myanmar) to protect rice and maize from pests by IPM and other biological control methods (Begin at 2010).



Success Story IV-Fiber Crop Improvement

- “MultiHemp” is a collaborative project among 22 institutions, and IBFC of CAAS is the only China’s representative.
- Under the framework of multi-hemp, cutting-edge genomic approaches are used to achieve rapid targeted improvements in hemp productivity and raw material quality for end-user requirements.



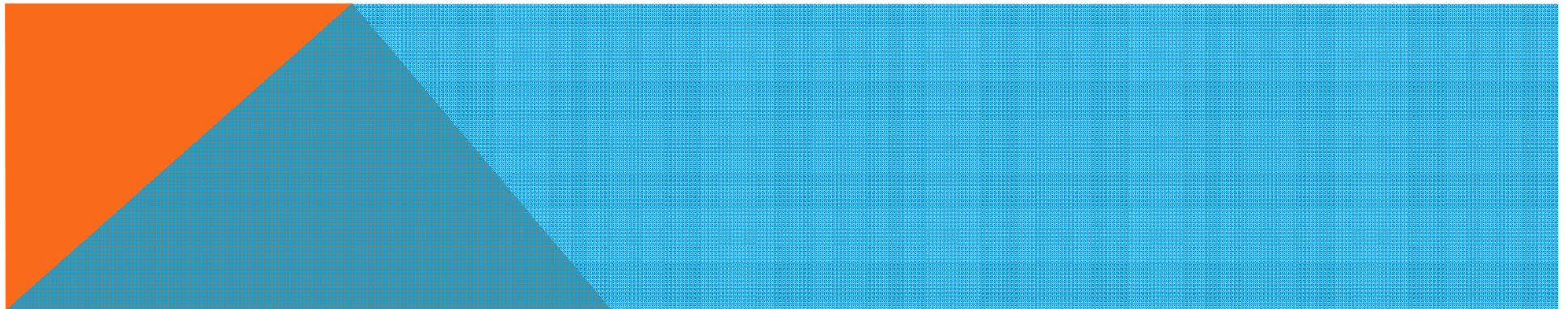
Benefits and contributions

- ❑ Introduction of advanced scientific principles and techniques
- ❑ Establishment of collaboration platforms and enhancement of CAAS's international impact
- ❑ Acceleration of talent cultivation and intensification of capacity building
- ❑ Development of the partnership with research institutes of EU member states
- ❑ Contribution to wonderful fulfillment of the EU-funded projects





Consideration on CAAS-EU Cooperation in the Next Stage





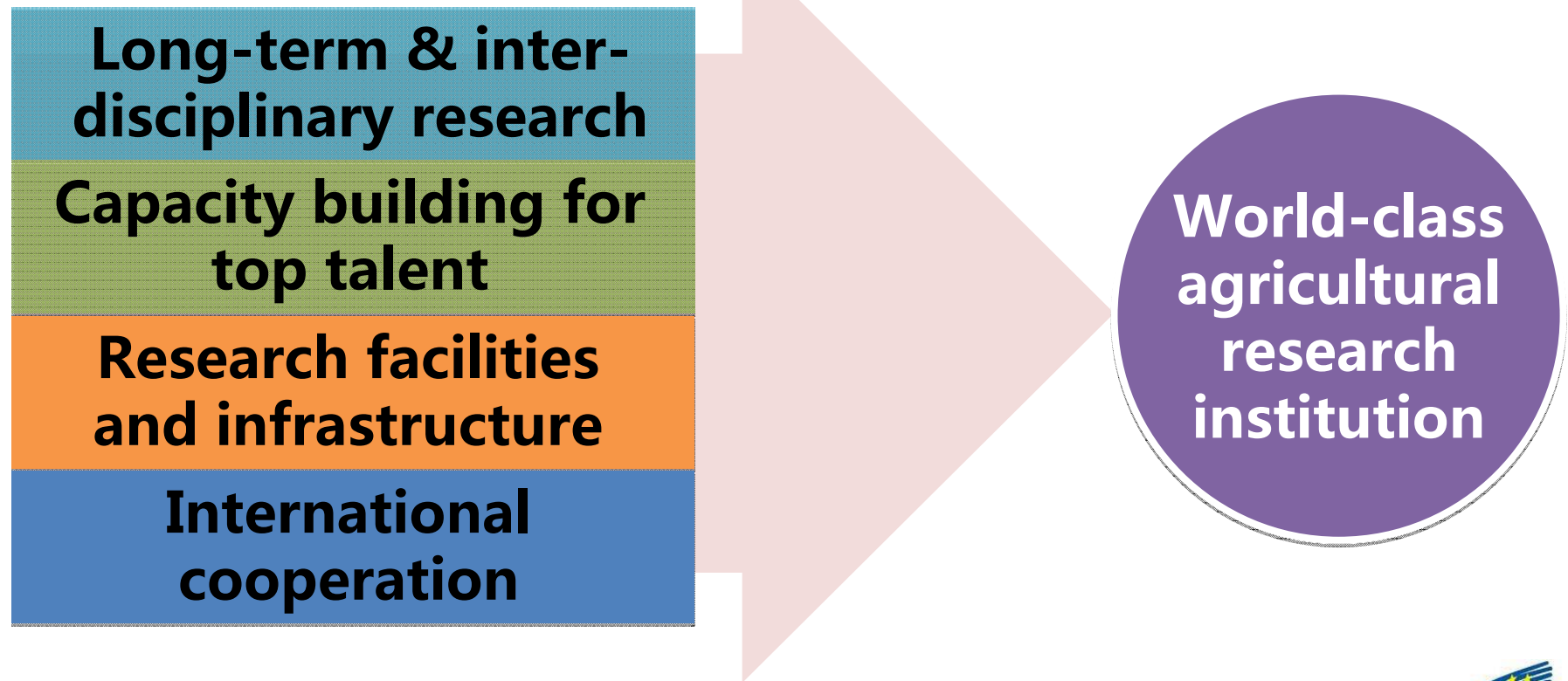
Horizon 2020 will be launched in the beginning of 2014, and run from 2014 to 2020 with a budget of just over € 70 billion.



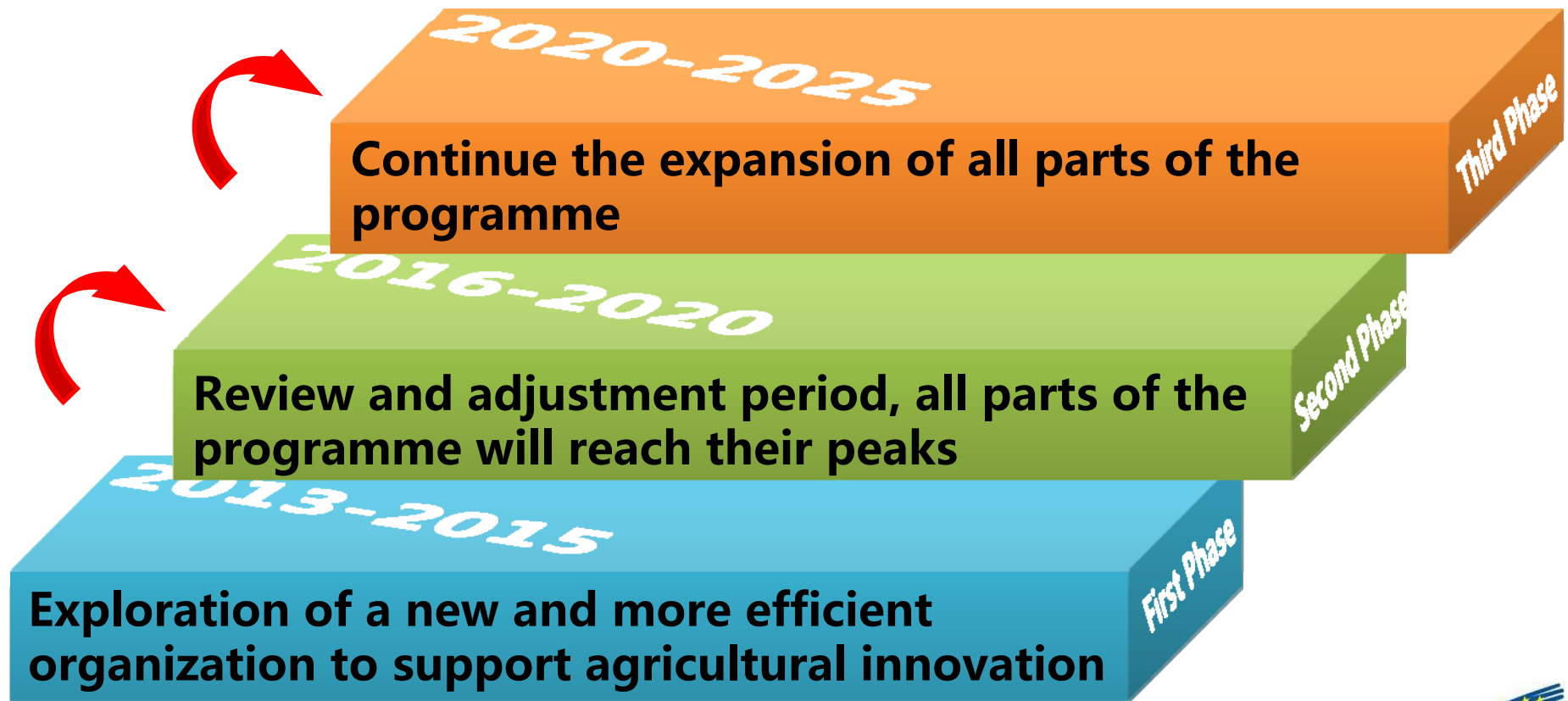
CAAS Agricultural Science and Technology Innovation Programme (ASTIP) has been officially launched on January 21, 2013.



- ASTIP is a new funding paradigm from the central government dedicated to supporting four specific objectives of CAAS over the next 13 years (2013-2025).



- We will achieve these objectives of ASTIP through three phases:



- We plan to find a novel mechanism to improve CAAS-EU cooperation with the power of both ASTIP and Horizon 2020

Horizon 2020

- **Excellent science**
- **Industrial leadership**
- **Societal challenges**

No longer fund BRIC countries

ASTIP

- **Support long-term research**
- **Expand facilities and infrastructure**
- **Capacity building**
- **Foster international Cooperation**

Stable funding from central government

Next Steps

Strengthen high-level dialog on the agricultural development challenges with international importance

Explore novel mechanism to enhance cooperation at new stage

Funds mobilization from various sources to support the China-EU collaboration

Successful Future for CAAS-EU Cooperation





Thanks