UK-China Research and Innovation Partnership Fund
中-英农业科技项目

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Thematic Focus

Climate smart agriculture
气候智能农业

Dealing with pest and disease threats
处理病虫害的威胁

Sustainable intensification
可持续集约化

Precision agriculture 精准农业
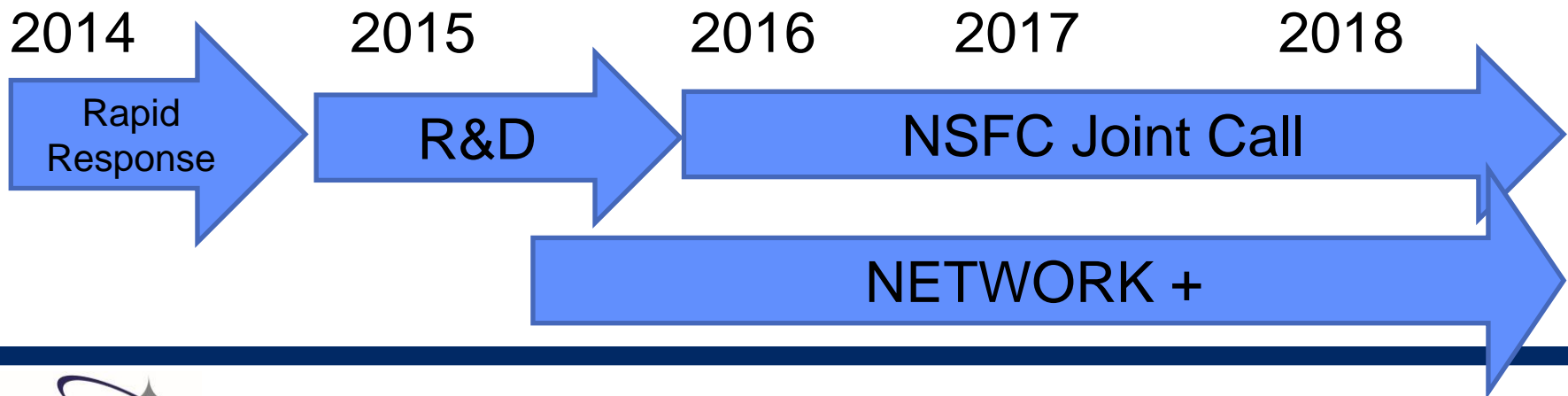
Enabling technologies
技术应用

Space Data, Technology and Modelling Programme Focus

Utilising space based remote sensing technologies, data and modelling capabilities.

Overall UK programme Budget £13.5M over 5 years

- 2015 had 8 active projects – 7 R&D projects and a "Network+"
- Joint call with NSFC in 2016 - open call to match £4.5M UK budget, dedicated to space enabled remote sensing and precision agriculture in China

2014	2015	2016	2017	2018

2014 Rapid Response → **2015** R&D → **2016 2017 2018** NSFC Joint Call →

NETWORK + →

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Selected joint call projects

UK PI	UK Institution	China PI	China Institution	Project Title
Philip Lewis	University College London	**CHEN Zhongxin**	Institute of Agricultural Resources and Regional Planning of CAAS	Regional crop monitoring and assessment with quantitative remote sensing and data assimilation
Zhenhong Li	Newcastle University	**ZHAO Chunjiang**	Beijing Academy of Agriculture and Forestry Sciences	Crop nutrition detection and decision support based multi-platform hyperspectral imaging (PAFiC: Precision Agriculture for Family-farms in China)
Simon Pearson	University of Lincoln	**FANG Shibo**	Chinese Academy of Meteorological Sciences	Synthesis of remote sensing and novel ground truth sensors to develop high resolution soil moisture monitoring in China and the UK
Belinda Luke	CAB International	**HUANG Wenjiang**	Institute of Remote Sensing and Digital Earth, CAS	Integrating advanced earth observation and environmental information for sustainable management of crop pests and diseases
Wen-Hua Chen	Loughborough University	**LIU Gang**	Beihang University	Enabling wide area persistent remote sensing for agriculture applications by developing and coordinating multiple heterogeneous platforms

Newton Opportunities - Agritech

https://www.rothamsted.ac.uk/international/international-partnerships/china/atcnn