

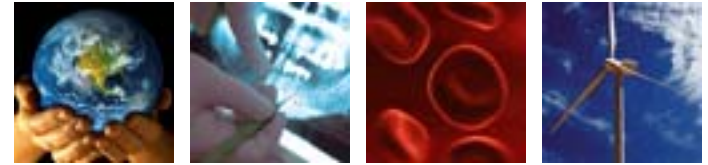
# Innovation China UK (ICUK)

**Caroline Quest**  
**ICUK Chairman**

**Managing Director,  
Innovation and Enterprise,  
Queen Mary, University of London**

**Manyi Cristofoli**  
**ICUK Executive Director**

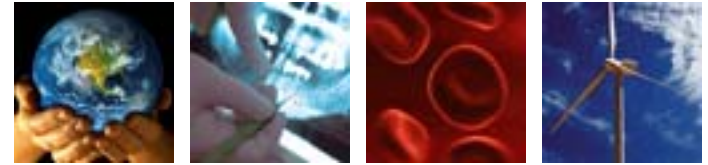
**ICUK Launch Ceremony**  
**November 2007**



# Outline

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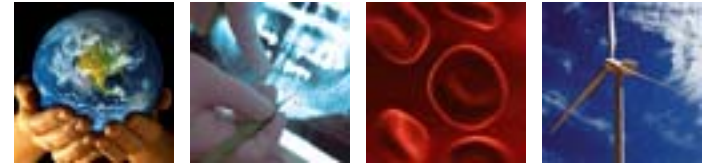
- What is ICUK?
- How does ICUK Work?
- First Call for ICUK Proof-of-Concept Fund
- Strategic benefits of ICUK model



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# What is ICUK?

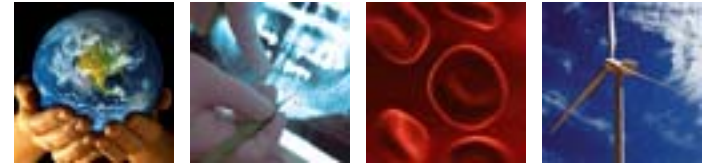




# ICUK Overview

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- The first UK-China knowledge transfer partnership promoting innovation through collaboration and commercialisation of joint research
- Awarded £5m of HEIF3 funding
- A joint initiative between the HEFCE/DIUS and the Chinese Ministry of Science and Technology.
- Supporting five UK HEIs and more than twenty Chinese research institutes in collaborative research, knowledge networking and technology transfer



# ICUK UK Partners

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- Queen Mary, University of London (lead)
- King's College London
- Royal Veterinary College
- University of Nottingham
- University of Southampton



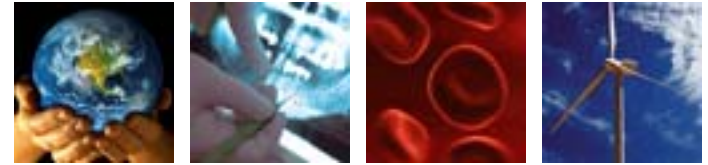


# ICUK Chinese Partners

All Chinese research institutes in universities and research academies are welcome to become ICUK Chinese partners.  
Examples of partners are:

- Chinese Academy of Science (over 5 institutions), Tsinghua University, Beijing University of Aerospace and Aeronautics, Fudan University, Shanghai Jiaotong University, China Ocean University China, Nanjing University, University of Science and Technology China, Xi'an Jiaotong University

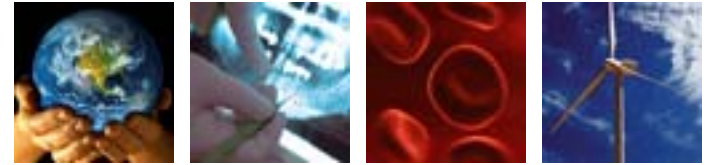




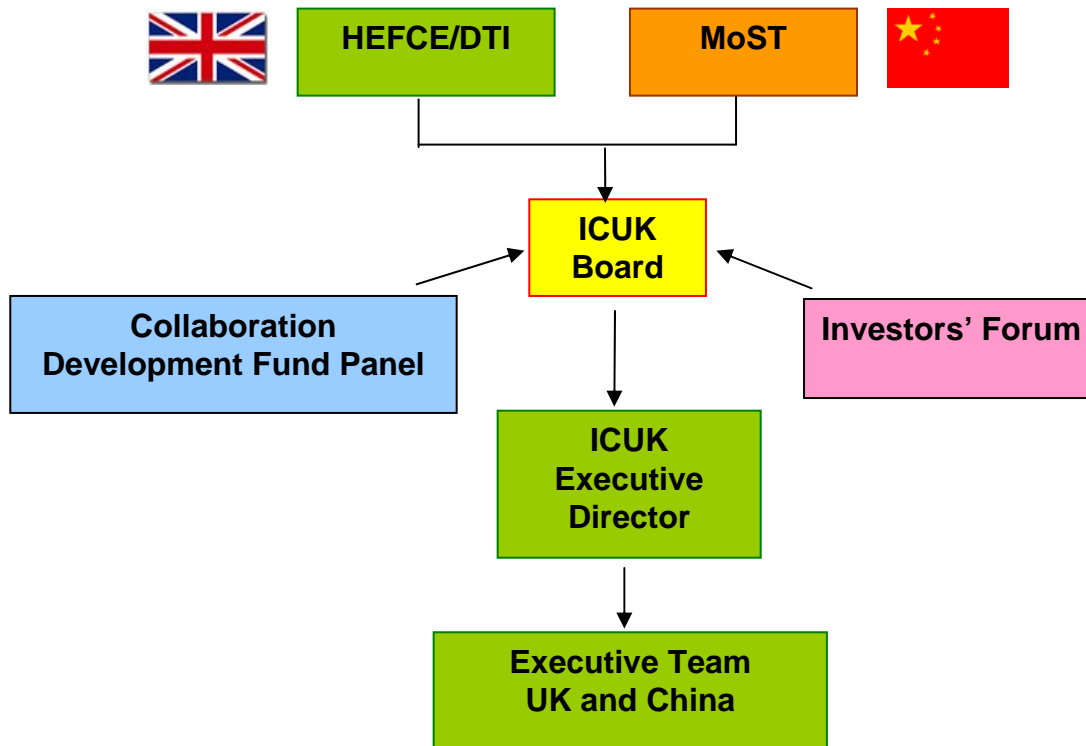
# ICUK Activities

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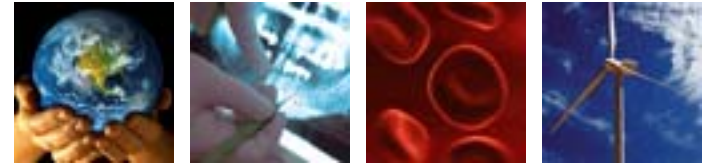
- **ICUK Collaboration Development Fund**
  - Support staff exchange, feasibility studies and joint proof-of-concept research
- **ICUK Knowledge Network**
  - Regular events for technology showcasing
  - Web-based communications for knowledge exchange
- **Technology Transfer**
  - Joint IP development and exploitation framework agreements applicable to jointly funded projects
  - Investors' forum engaging private investors with potential ICUK projects and promoting technology-based start-ups for investment.



# ICUK Structure

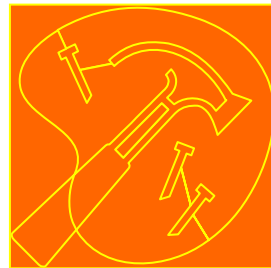


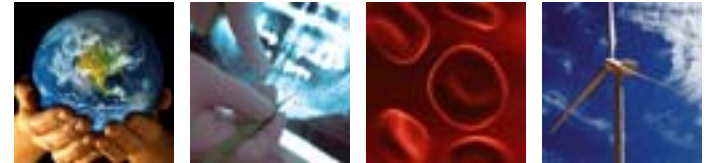




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# How Does ICUK Work?





## Focused Sectors:

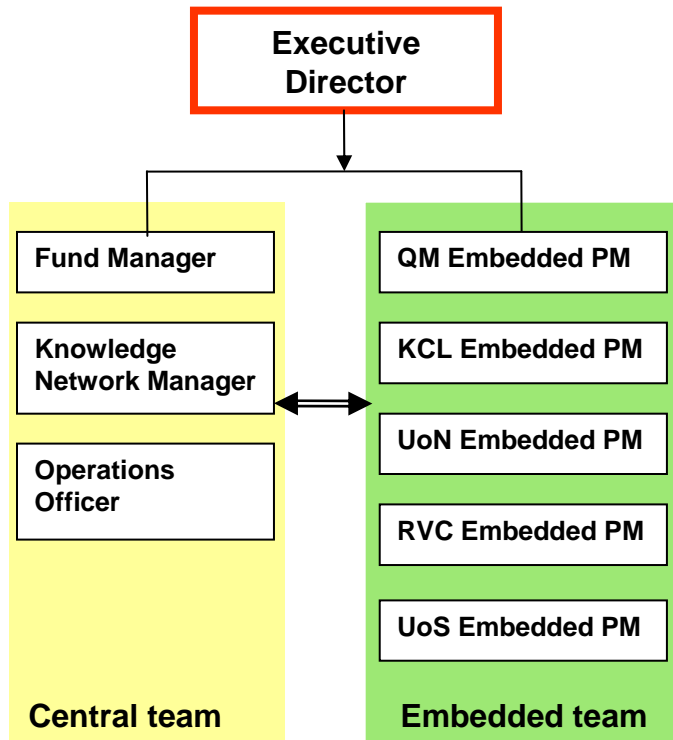
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- Clean and renewable energies
- Climate change, the environment and sustainable development
- Nano/materials science
- Space technology
- Infectious diseases
- Biomedicine and the modernisation of traditional medicines

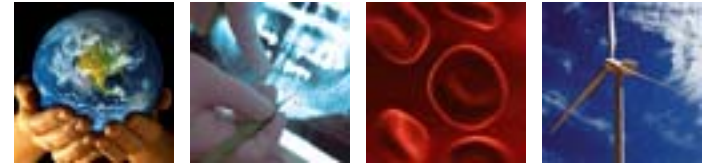
**Knowledge areas prioritised by the UK and China**



# ICUK Operations



- Central team: fund management, knowledge network and operations
- Embedded team: assist academics in forging collaboration and applying for ICUK funding
- Over 30 potential collaborative projects have been identified through early consultation
- Joint projects build upon academics' existing connections and extend to newer and larger collaborations
- Leverage expertise of UK partners' knowledge transfer teams



# ICUK Collaboration Development Fund

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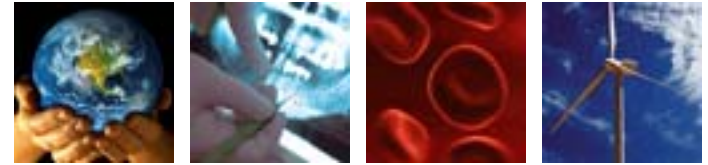
- **ICUK Collaboration Development Fund**
  - £3m plus complementary funding from MoST
  - Partnership Grant – support staff exchange and feasibility studies
  - Proof of Concept Fund – support joint R&D to reduce the risks for early-stage commercialisation
- **ICUK funding available to UK academics and grants available to Chinese academics from MoST China**
- **Potential to open ICUK fund to more or possibly all English HEIs from the second year of HEIF3 funding (October 2008).**



# ICUK Joint Deliverables

Activities			Deliverables	
ICUK Collaboration Development Fund			Year 1	Year 2
(1)	Staff exchange/feasibility study ( $\leq$ £ 15k)	Applications	32	35
		Awards	24	26
(2)	Proof-of-Concept (£70-90k)	Applications	24	36
		Awards	12	18
(3)	No. of Academics engaged/exchanged through the development fund		60	80
(4)	No. of joint research papers submitted for publication		10	15
(5)	No. of UK businesses engaged in the projects		15	20
(6)	UK industry R&D expenditure generated/leveraged		200k	300k

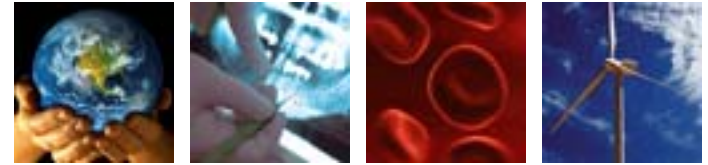
## Collaboration Development Fund Outputs



# ICUK Knowledge Network

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- Website [www.icukonline.org](http://www.icukonline.org)
  - Online community portal for seeking or offering collaborations
  - Repository for key documents (funding application, criteria etc.)
- **ICUK Event Calendar**
  - 8 workshops on priority technologies
    - clean energy, TCM, nano-material, infectious disease
  - Initiated by partners working closely with the FCO Partnership-in-Science programme
- **Regular Publications and Newsletters**
  - On UK-China S&T policy, intellectual property protection and commercialisation
  - Disseminate lesson learnt among partners and beyond



# First Call for Proof-of-concept Fund

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- Reduces the risks involved in early-stage technology development
- Examples of the use of Proof-of-Concept Funding include:
  - Developing and evaluating commercial prototypes
  - Comparison with competitive products or services
  - Strengthening Intellectual Property Rights
  - Conducting market research on customer preferences
  - Incorporating external skills such as market researchers and product design
- Funding size: £70-90K per project, typical duration: 9 -12 months

**Proof of Concept Fund**

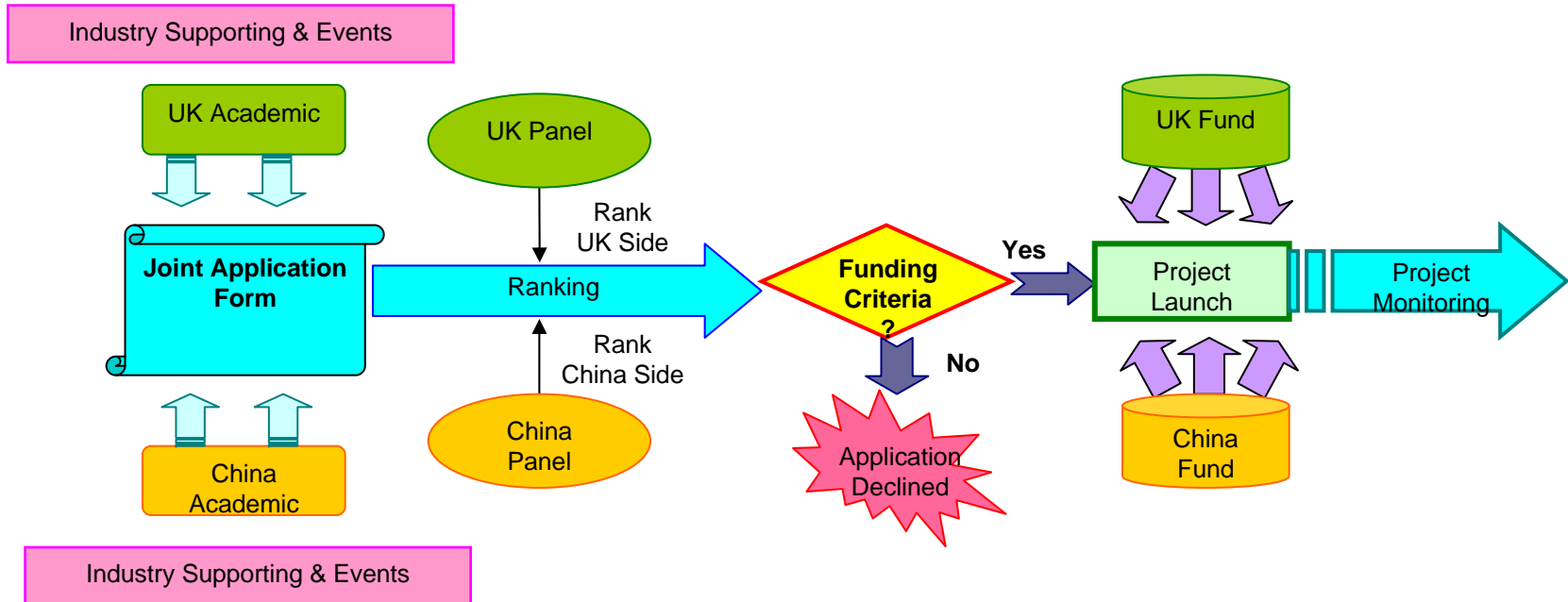


概念验证基金





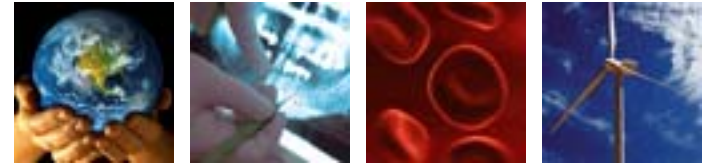
# Funding Procedure



**Proof-of-Concept Fund Call Flow Chart**

- First deadline for submitting applications: 8<sup>th</sup> January 2008
  - Application form, guideline and funding criteria are available on [www.icukonline.org](http://www.icukonline.org)
  - First award results by the 30<sup>th</sup> January 2008
- [www.icukonline.org](http://www.icukonline.org)

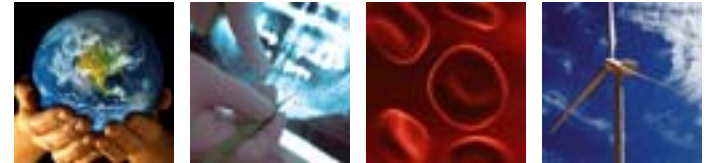




# ICUK Documentation

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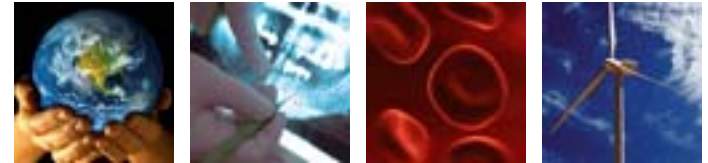
- *ICUK Proof-of-Concept Funding Joint Application Form*  
《ICUK 概念验证基金项目联合申请表》
- *ICUK Proof-of-Concept Fund Guidelines for Preparing an Application*  
《ICUK 申请概念验证基金的说明》
- *ICUK Proof-of-Concept Funding Criteria*  
《ICUK 合作发展基金概念验证基金资助条件》
- *ICUK UK-China Partner Exploitation Agreement*  
《ICUK 合作开发协议》
- *ICUK Proof-of-Concept Fund Confidential Disclosure Agreement*  
《ICUK 概念验证基金保密协议》



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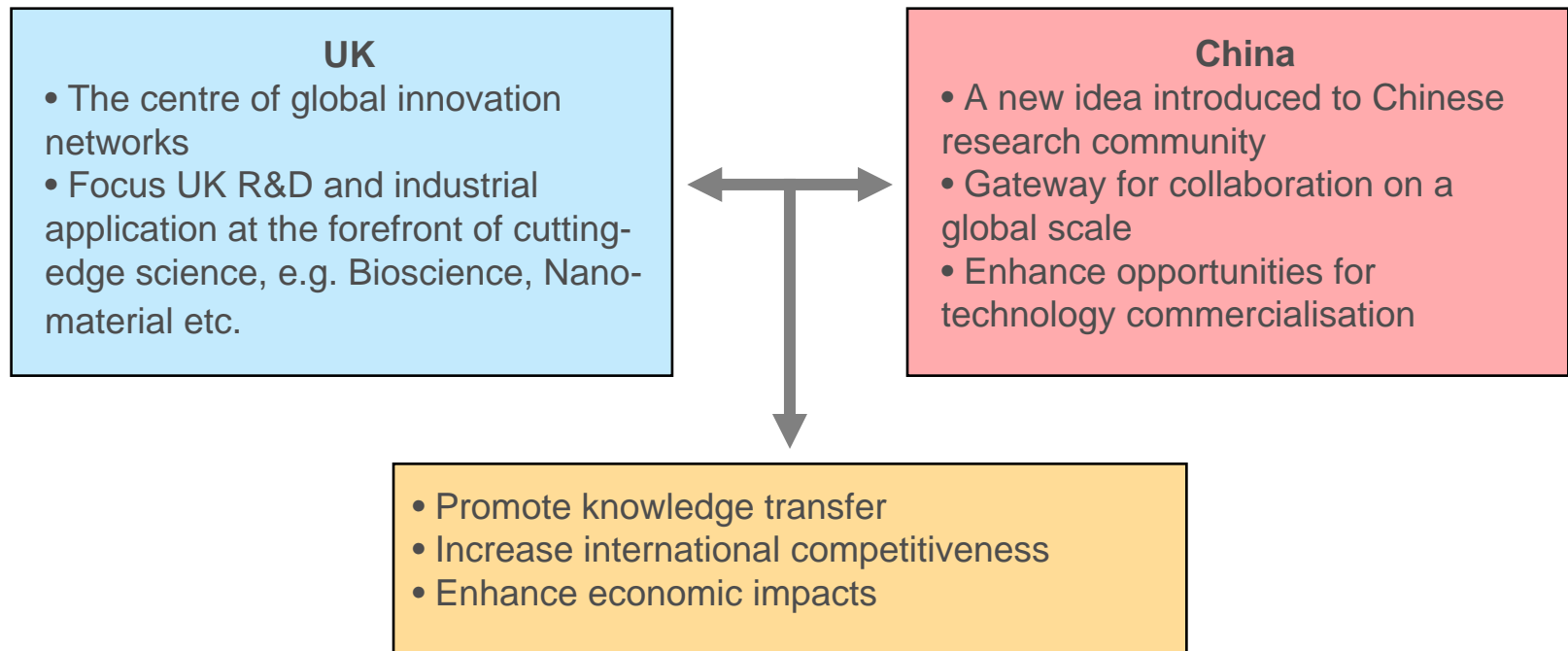
# Strategic Benefits

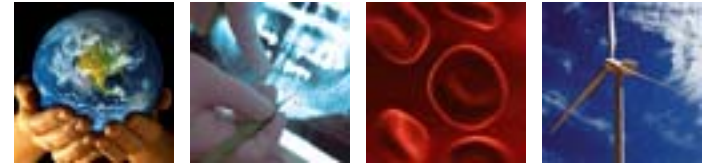




# “Innovative and Mutually Value-added”

## Piloting joint proof-of-concept research





# “Culturally Aligned”

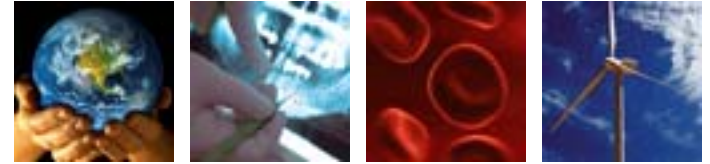
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- Appreciate differences in the systems and decision making process

- Flexibility



- Equal participation and benefit sharing



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The End  
Thanks for Listening

感谢您的参与!