



Building innovation links between the UK & China

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National Space Centre, Leicester

supported by



EAST MIDLANDS - CHINA
BUSINESS BUREAU
英国中东部地区中国商务局





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China Tomorrow

- An initiative that aims to facilitate technology transfer and joint innovation between the UK and China.
- Share information on best practice to facilitate partnerships that realise innovative potential.
- Provide increased access to information and opportunities for commercialisation.
- A CBBC initiative supported by the Department for Business, Innovation and Skills.

S&T in China

- World's largest “technocracy”: a country ruled by scientists and engineers who believe in the power of new technology (James Wilsden 2007).
- Since 1999 R&D expenditure has increased by 20% year on year.
- In 2006, China became the world's highest R&D investor (OECD).

S&T in China

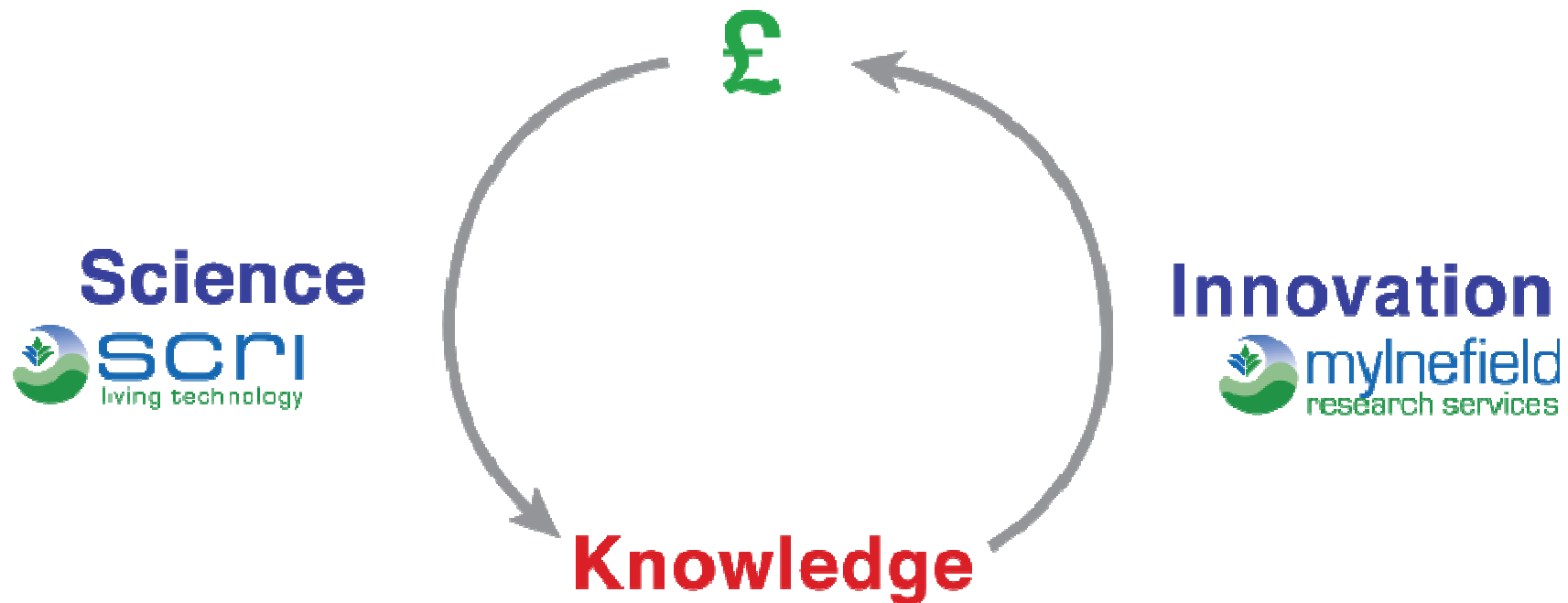
- Vice Minister Du Zhanyuan has stated the S&T budget in 2009 will reach 176.1 billion RMB (~\$25.7 billion) - Dalian June 2009.
- The budget is 25.6% higher than 2008.

Made in China vs Made by China

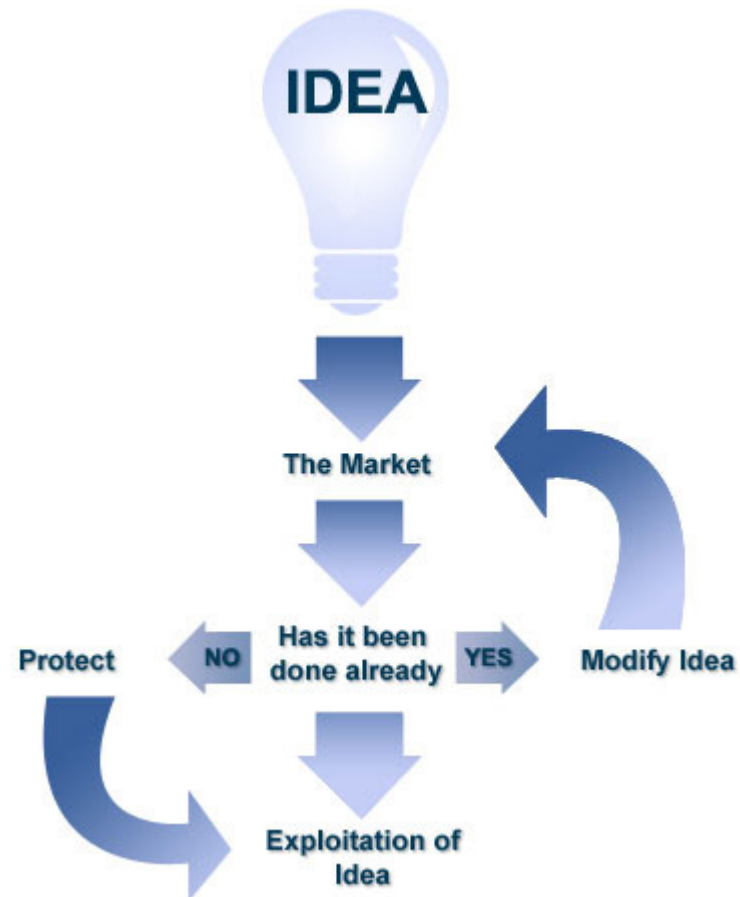
- In the 19th century imperial leaders promoted the slogan “*Zhong xue wei ti, xi xue wei yong*” - Eastern learning for foundation, Western learning for application.
- New mantra - independent innovation (*Zizhu chuangxin*).



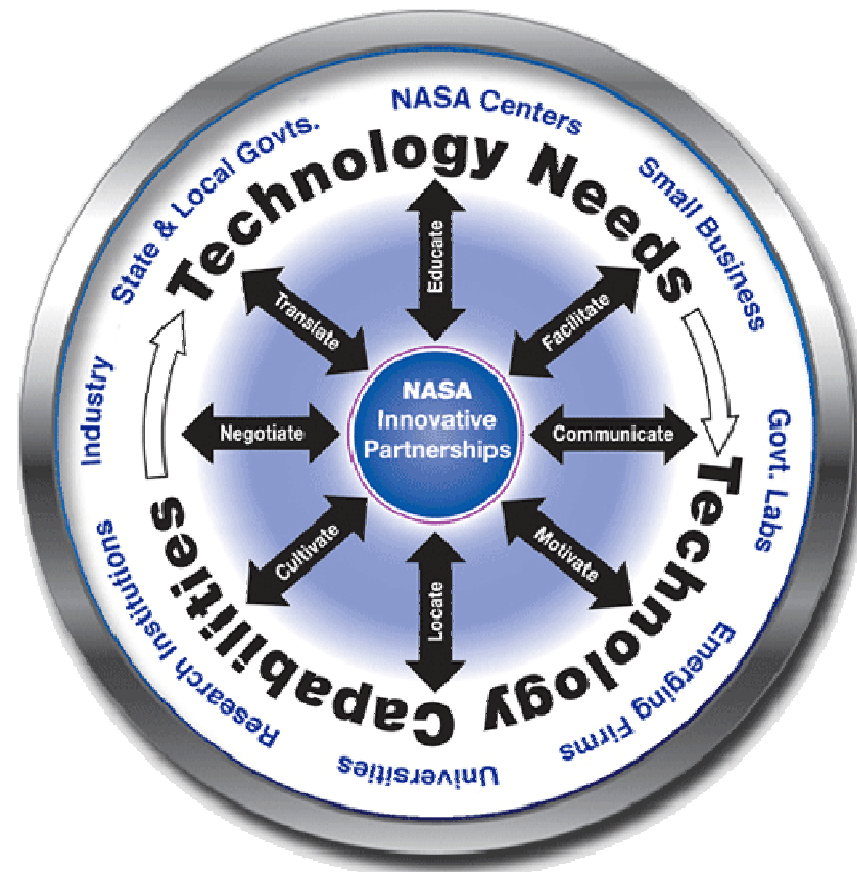
Science and Innovation



Innovation

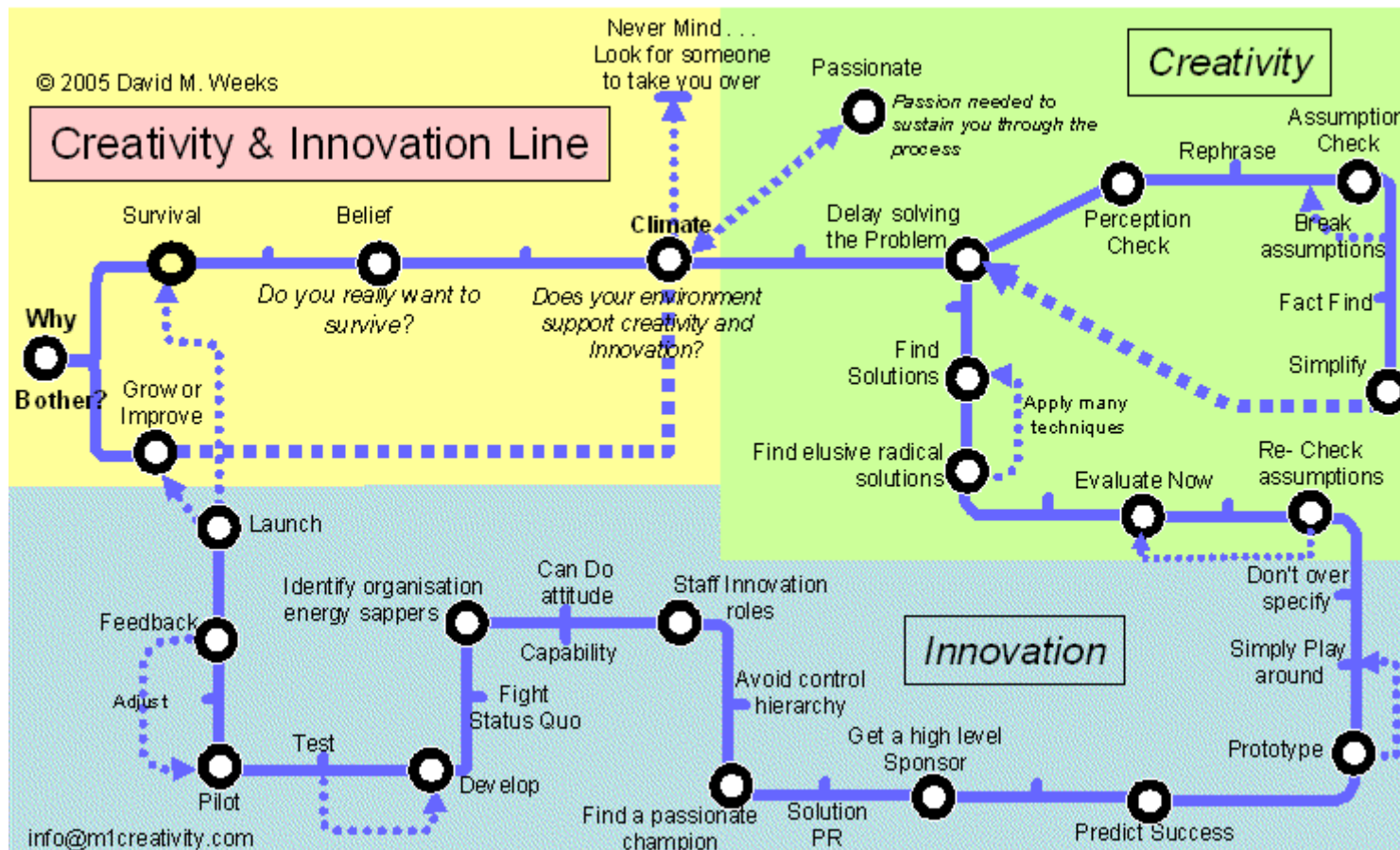


Nasa Innovative Partnerships



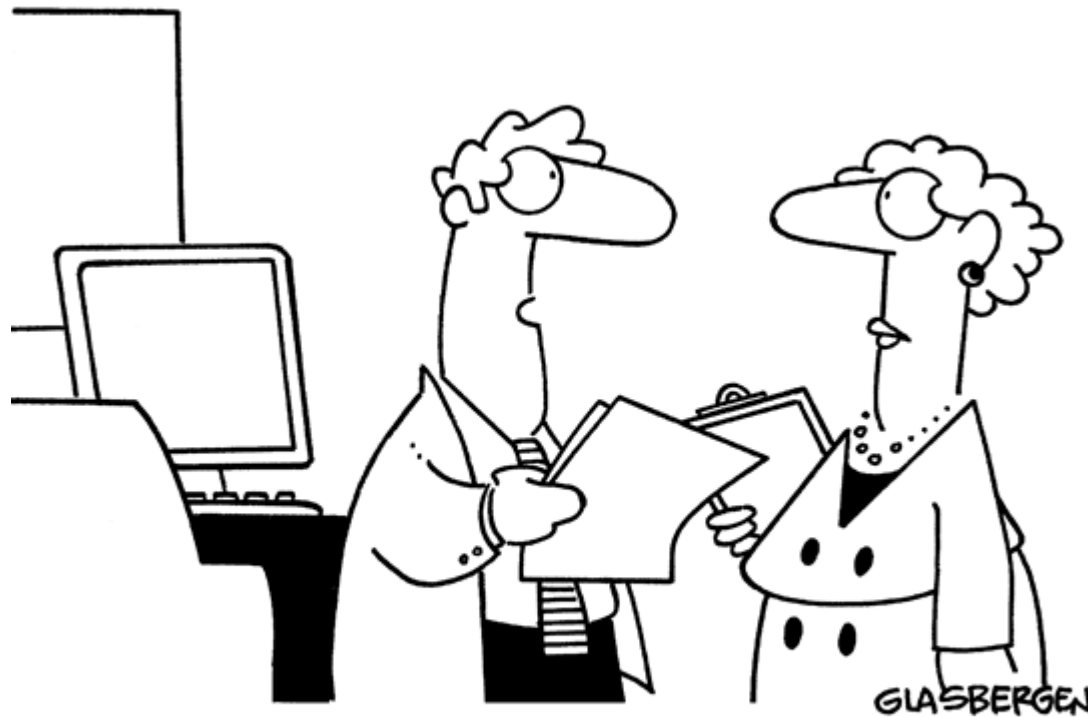


Creativity and Innovation



A Common Problem

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**“My team has created a very innovative solution,
but we’re still looking for a problem to go with it.”**

Next Science SuperPower

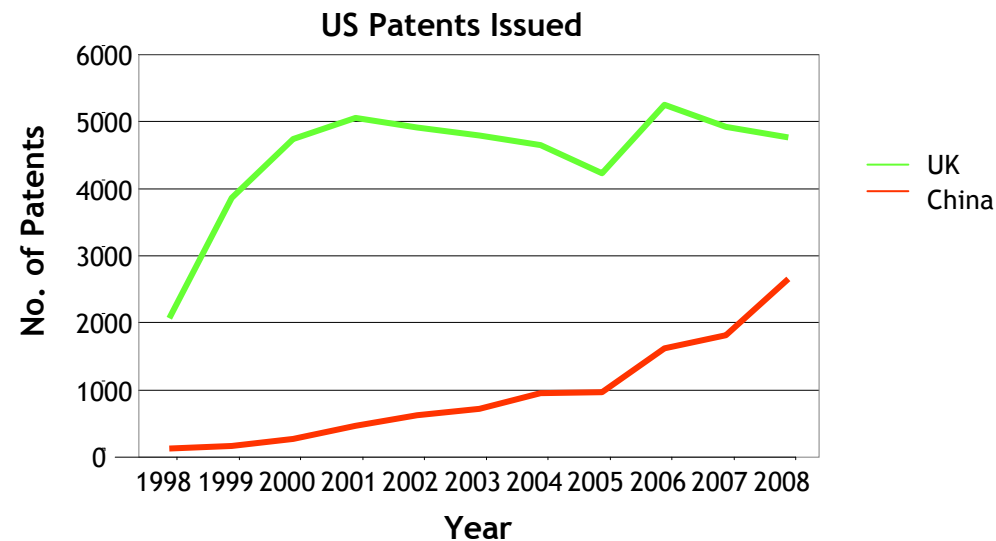
- In 2003, China became only the 3rd country to launch a person into space.
- Three manned space missions.
- Collaborating with Nasa - mostly around scientific enterprises.
- China is capable of sending a manned mission to the moon by 2020 (Dr Michael Griffin - Nasa Administrator).



Issued US Patents

COUNTRY	NO. OF PATENTS*	POPULATION (M)
China	12,648	1,330
Sweden	36,229	9
UK	62,264	60
Japan	735,683	127

* Number of US issued patents since 1976



Science and Technology

“Science alone is not technology and technology alone is not innovation ...”

“It is technology which fuels the industrial engine. And it is engineers, not scientists who make technology happen”



(The late Akio Morita - Co-founder Sony).