International Higher Education and Global Science EU-China relations in a Changing World Order

TU Delft
Peter Gill, Sr. Policy Advisor China

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Why finding the balance is needed for academic institutions

- As a research and innovation powerhouse, China is a partner for the EU in tackling global challenges.
- At the same time, China's position as an economic and systemic competitor to the EU calls for a rebalancing of research and innovation cooperation.

Gross domestic spending on R&D 2010 - 2020 China – EU
in measured in USD constant prices using 2015 base year and Purchasing Power Parities (PPPs)

[Graph showing Gross domestic spending on R&D 2010 - 2020 for China and the EU]

March 2021:

[Press release | 18 May 2021 | Brussels]

Europe’s global approach to cooperation in research and innovation: strategic, open, and reciprocal

[Image of graph showing China and EU spending on R&D]

https://data.oecd.org/rd/gross-domestic-spending-on-r-d.htm
No: challenges for Dutch institutions

- Geopolitics

- Knowledge security, dual use
  Scientific integrity: academic freedom, (human) research ethics, data collection and privacy
  Human rights

- Focussed China news, trend of Unfavorable Views of China (source: PEW research). Public debate may scare researchers or make them uncertain.

- Inadequate China expertise: Country, system, policies and plans, laws

- Cultural and languages differences
Yes: example transport technology

CHINA IS NOW FRONT RUNNER IN TRANSPORT TECHNOLOGY.

Not always are people in the West in an early stage informed on certain technological developments in China.

2017:
China's 600 km/h highspeedtrain: Beijing - Shanghai in 2 hours
TU Delft developed China Tools, periodically will updated.

Approved by Executive Board Mar 2nd ‘21.

Launched at first internal China Symposium Apr 20th ‘21

Discussed at various levels.

Interview Delta China Tools with Rector Tim van der Hagen Jul 5 ‘21

Next internal Symposium Nov 9th

In search for the balance.

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**Phase 1**
Partner research and selection

- **Agenda Setting & Strategic Fit Quick Guide**: v Feb ’21
  - How to find the right match?
  - How to weigh up the opportunities and risks of a potential collaboration?

- **Incoming Delegations Quick Guide**: v Feb ’21
  - How to react when receiving incoming delegation requests?
  - Do’s and don’ts regarding delegations, gifts and related matters.

- **Academic Integrity Quick Guide**: v Oct ’21
  - Safeguard academic integrity.

- **Due Diligence Quick Guide**: v Apr ’21
  - What is Due Diligence?
  - Why is Due Diligence important in your collaboration with China?
  - How to find support for undertaking Due Diligence?

- **Operational Workability Quick Guide**: v Oct ’21
  - How to structure a partnership to be effective in terms of Capability / Compatibilty / Commitment / C

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**Phase 2**
Negotiating with your partner and coming to an agreement

- **Legal Agreement Quick Guide**: v Apr ’21
  - How to draft Legal Agreements in partnering with China?
  - Whom to involve when drafting necessary agreements?

- **Intellectual Property (IP) Quick Guide**: v Apr ’21
  - How do IP regulations differ between EU and China?
  - Whom to involve when discussing and identifying IP issues while partnering with a Chinese partner?

- **Negotiation Quick Guide**: v Apr ’21
  - How to negotiate with your Chinese counterparts? (see also China Highlights for background reading)

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**Phase 3**
In cooperation with your partner

- **Considerations During Travel Quick Guide**: v Apr ’21
  - How should safety considerations be taken into consideration during travel to China?

- **Financial Transactions Quick Guide**: v Apr ’21
  - How to handle cross-border financial transactions?

- **Communication Quick Guide**: v Apr ’21
  - How to effectively communicate with your Chinese partner?

- **Chinese PhD Candidates Aiming for TU Delft Doctorate Diploma**: v Apr ’21
  - How to enable smooth integration and supervision of Chinese PhD candidates?
  - What are the guidelines concerning Chinese PhD candidates?

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**Phase 4**
Evaluating partnership

- **Evaluation Summary**: v Feb ’21
  - How to evaluate a collaboration with Chinese partners?

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**China Highlights** v Apr ’21
Insights on Chinese culture relevant for TU Delft/China Partnership.

- Chinese Culture and Society: awareness on cultural differences and how they can impact cooperation
- Negotiating with your Chinese Counterpart: Chinese perspective on the Dutch negotiation tips. Communication and control throughout the negotiation (see also Negotiation Quick Guide)
- Chinese Associations relevant for TU Delft: Chinese Associations are listed along with their website.
- Relevant Chinese news sources: Liu Chuan’s blog “People’s Daily”, South China Morning Post, Xinhua, China Daily, Xinhua, Xinhua, CCTV and Xinhua.
- Chinese Scientific Databases: Jisis Chinese Science Citation Database, National Engineering Technology Digital Library, Wannian Cites, China (Chinese national Knowledge infrastructure). Mapping China’s Tech Giants, Scopus China, CSSCI (Chinese Social Sciences Citation Index).