

International research and innovation cooperation: Prospects for the future

6th INCO Conference 'Joint Innovation, Common Prosperity'
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FFG



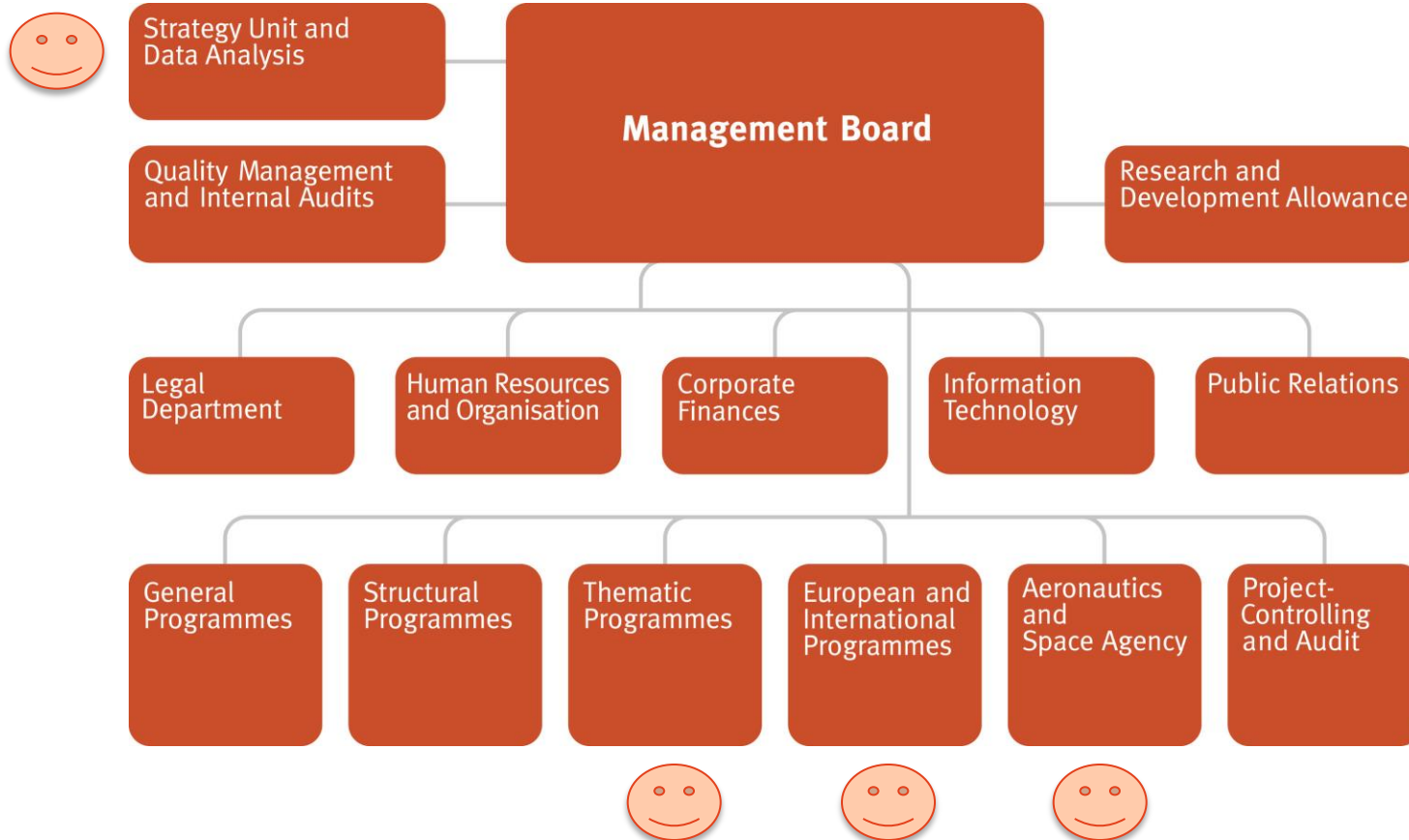
International research and innovation cooperation: Prospects for the future



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- FFG, the Austrian Research Promotion Agency: mission and international cooperation agenda
- China and Europe: Some thoughts about the plurality of cooperation possibilities
- Opportunities for the future

FFG, the Austrian Research Promotion Agency: mission and international cooperation agenda

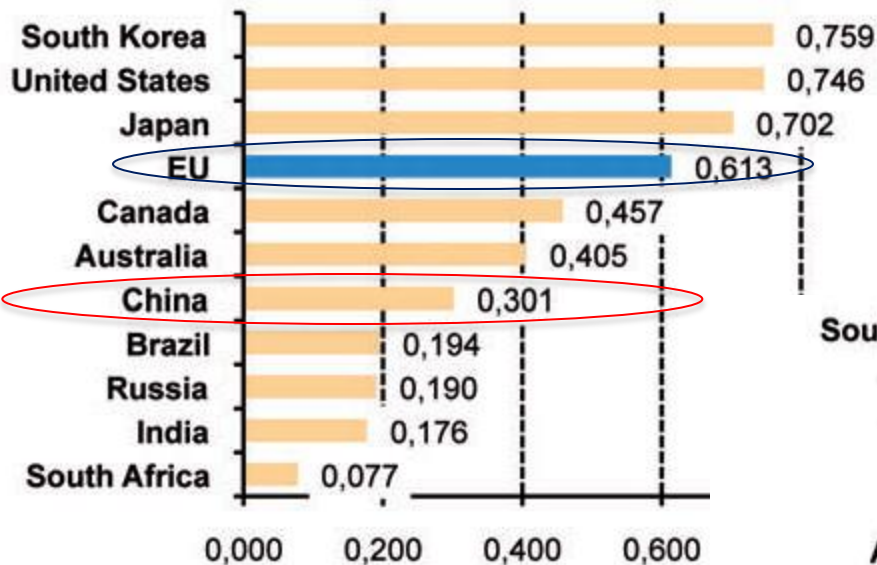


FFG, the Austrian Research Promotion Agency: mission and international cooperation agenda

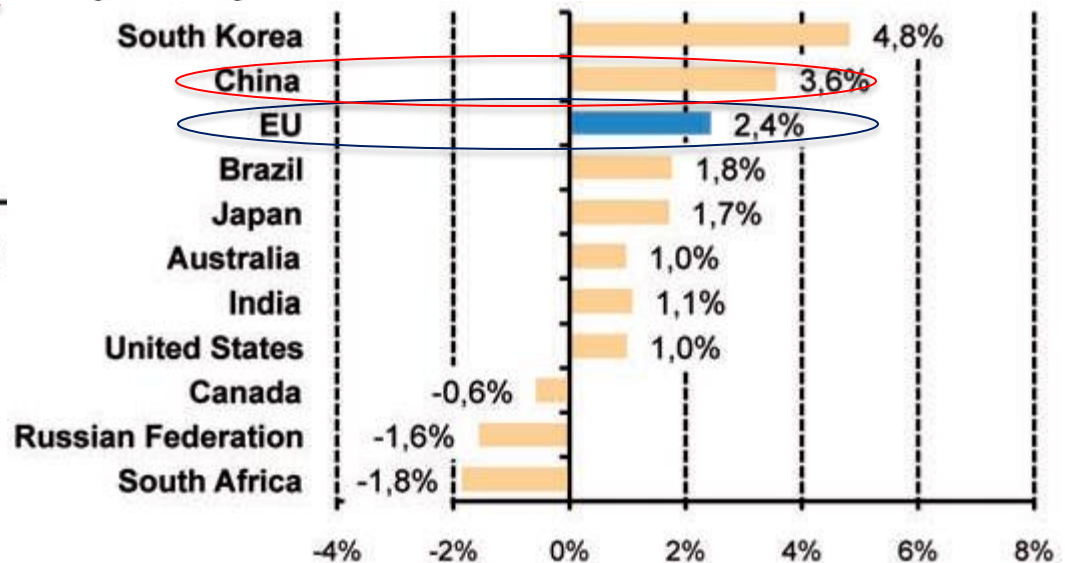


- Beyond Europe Strategy (2013) Austria
 - National definition of Priority Countries combined with proposed key activities for each “priority group”
 - Priority 1 and 2 countries are China, USA, India and Russia, South Korea, Singapore/Malaysia, Canada, Brazil, Turkey,...)
- FFG supports the Austrian Strategy with different approaches
 - bilateral agreements and joint calls
 - using multilateral initiatives (ERA-NETs, JPIs, etc)
 - European international cooperation initiatives within Horizon 2020 for enhancing the European research cooperation with world regions beyond Europe (DragonStar+)
 - Cooperation Support for H2020

Innovation performance worldwide (Innovation Union Scoreboard 2015)

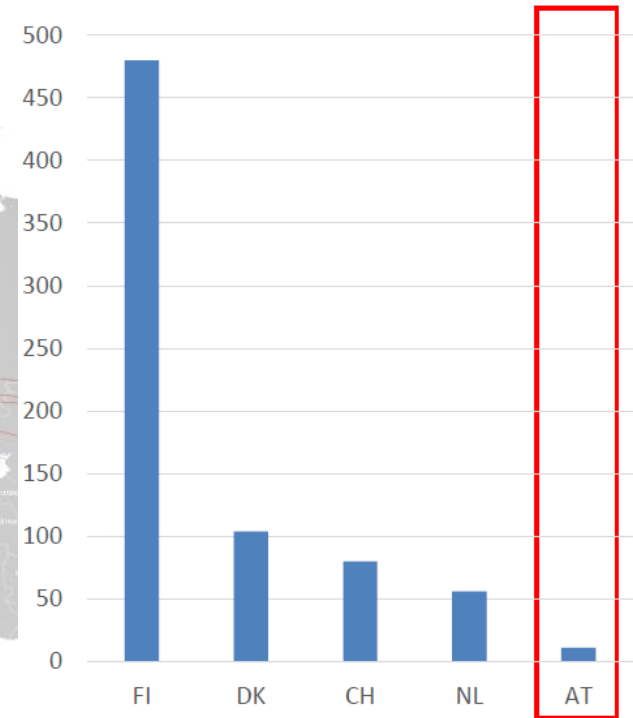


Global innovation performance
(IUS 2015)



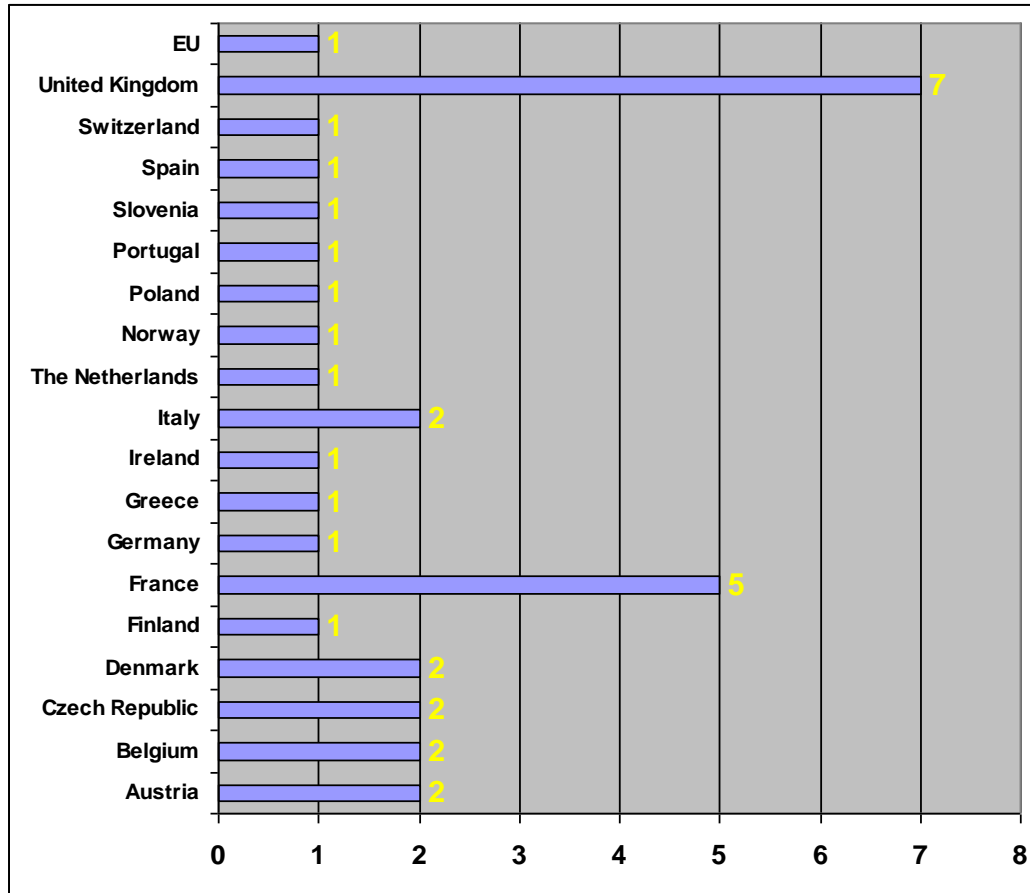
Global innovation growth rates
(IUS 2015)

International research and innovation cooperation Funded projects in comparison



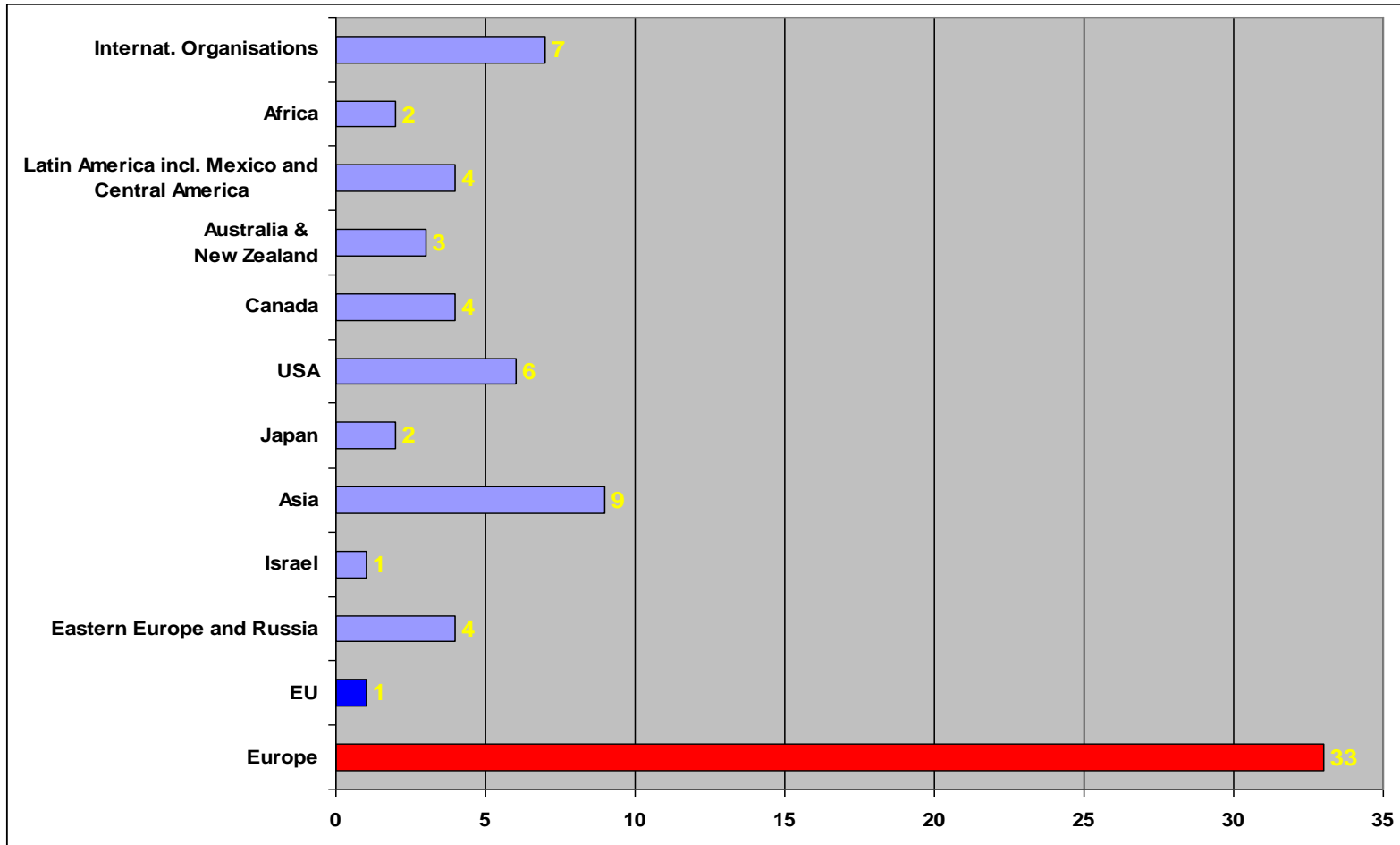
2008 to 2015

European S&T cooperation with China Cooperation Agreements with NSFC



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International S&T cooperation with China Cooperation Agreements with NSFC



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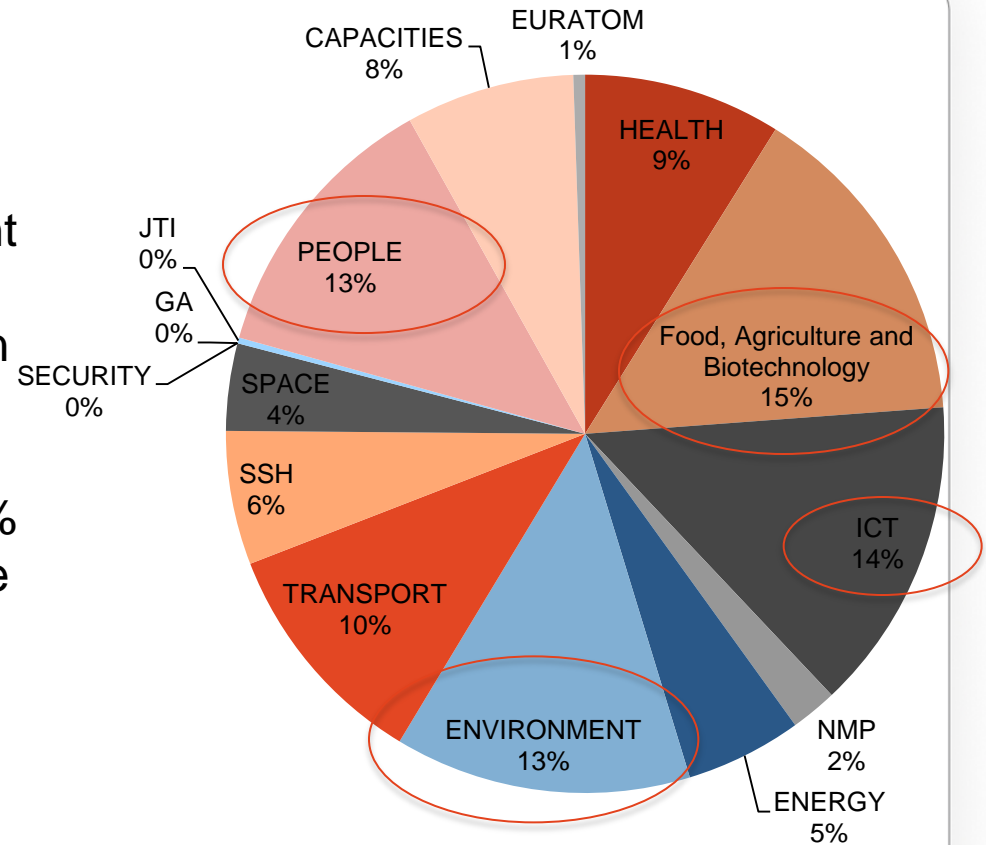
International STI cooperation and its importance: China-EU research cooperation

- **EU-China 2020 Strategic Agenda for Cooperation**
 - Several EU-China STI partnerships, in Food, agriculture, biotechnologies (FAB), Urbanisation, Aviation and aeronautics, Space, etc.
 - EU-China R&D cooperation programmes
- **The Strategic Forum for international S&T Cooperation (SFIC)**
 - Initiative on Sustainable Urbanisation
 - Joint Programming Initiative (JPI) Urban Europe - cooperating closely with
 - Dragon Star plus in initiating a joint call between JPI Urban Europe and China in 2016
- **Horizon 2020- no automatic funding for emerging economies**



International STI cooperation and its importance: China's participation in FP7

- FP7 Third Country participation: China is ranking third after Russia and the USA, with Chinese entities participating 383 times (signed grant agreements), receiving a total EU contribution of about EUR 35 million
- Chinese FP7 participation by organisation : 55% universities, 28% Research Centers and 12% Private Commercial organisations
- Strongest university participation: Tsinghua University, Beijing University, Shanghai Jiao Tong University, Zhejiang University



Source: ECORDA, July 2014

- Europe is very active on different levels
 - many successful activities and approaches on bilateral, multilateral and European level
 - so far cooperations are mainly fokussed on basic research and mobility and not as much on applied research
 - low harmonisation and exchange between EU actors



International STI cooperation: Challenges and opportunities

- we need a whole European picture about our diverse cooperation patterns with China – but how can we get it?
- there is room for improvement in pooling our resources, expectations, experiences, etc – what should be next steps?
- a better inner-european alignment of instruments as well as thematic focus areas would contribute to a stronger impact

The overall aim is to align European strategies and activities to approach China in a more coherent and efficient way?



Horizon 2020: DragonStar+ new ways of cooperation



- Fostering the European and Chinese research communities to establish collaborations under Horizon 2020 and beyond
- Establishing a cooperation platform and provide tools to policy makers, aiming ultimately to support and enhance the bilateral cooperation, through the concept of mutual benefit
- Providing a platform for funding agencies for exchanging best practices and planning joint activities

Horizon 2020: DragonStar+ new ways of cooperation



Foundation for Research and Technology Hellas (Coordinator), FORTH, Greece
China Science and Technology Exchange Centre / Ministry of Science and Technology, CSTEC, China
Agenzia per la Promozione Della Ricerca Europea, APRE, Italy
Sociedade Portuguesa de Inovação, SPI, Portugal
Phemonoe Lab, EMETRIS SA PHEMONOE, Greece
China-EU Center for Information & Communication Technologies in Agriculture, China Agricultural University, CICTA, China
Steinbeis-Europa-Zentrum, SEZ, Germany
Eurelations, EUREL, Switzerland
University of Nottingham Ningbo China, UNNC, China
Sigma Orionis, SIGMA, France
Beijing Software Enterprise Advisory Center, BSEAC, China
KAIROS Future, KF, Sweden
Österreichische Forschungsförderungsgesellschaft, FFG, Austria

Associated partners

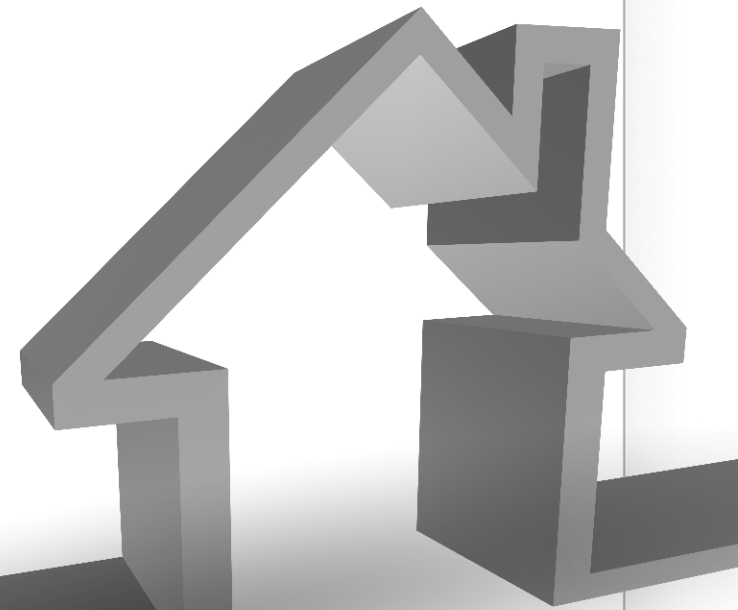
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Danish Agency of Science, Technology and Innovation, DASTI, Denmark
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非常感谢

