

**Application Guidelines for the 1st Batch of Projects for year 2018 under the
Intergovernmental International Science, Technology and Innovation Cooperation
Key Project of the National Key R&D Programme**

China-EU Intergovernmental S&T Cooperation Projects¹

I. Cooperation projects under EU-China research and innovation flagship initiatives

Areas and directions (EU Horizon 2020 Work Programme 2018 with corresponding call IDs)

- 1) Food, agriculture and biotechnologies (SFS-38-2018)
- 2) Environment and sustainable urbanisation (SC5-13-2018-2019, A: Strengthening EU-China collaboration)
- 3) Land transport (LC-MG-1-1-2018 C: Sensing and monitoring emission in urban road transportation system)

Number of projects to be funded: 4~5

Fund to be allocated: RMB 60 million

Other requirements

1. The EU-China Science & Technology Innovation (STI) Flagship Initiatives aim to support equal and mutually beneficial large scientific research cooperation in priority areas jointly defined. In the above mentioned areas and the corresponding calls as indicated by the IDs, the EU side will support cooperation with China only.
2. Both sides in the projects should submit their proposals to the entities announcing the calls on the Chinese and European side respectively in response to the priority areas with corresponding IDs mentioned above. Proposals submitted to one side will not be eligible.
3. Each project should include at least three independent Chinese participants without affiliations in between one another. Inter-sectoral applications, cooperation among industries, education and research institutions as well as joint applications with enterprises are encouraged. Participating enterprises should provide supplementary funds at a level equivalent to government funds at minimum. Each proposal should correspond to a clearly identified Horizon 2020 project, define one Chinese lead participant and PI, and submit one Chinese application form.
4. Chinese and European participants should conduct equal and mutually beneficial collaboration that complements their advantages and strength. Inputs and task divisions among project participants should be basically balanced.
5. Chinese applicants should submit to MOST a copy of their Horizon 2020 project proposal in English and translations (including budget) and should ensure that the research content and total budget amount in the Horizon 2020 project proposal are the same as those submitted in MOST project application forms.
6. Project durations should in principal not exceed three years.
7. Please refer to Work Programmes 2018-2020 in specific areas for detailed arrangement of EU projects: <https://ec.europa.eu/programmes/horizon2020/en/what-work-programme>
EU contact: Delegation-China-Scitech@eeas.europa.eu

II. Other research and innovation cooperation projects under EU-China Co-Funding Mechanism for STI cooperation

Areas and directions

¹ Unofficial translation for reference only, please refer to the website of MOST for details of the call notice and application guidelines:

http://www.most.gov.cn/mostinfo/xinxifenlei/fgzc/gfxwj/gfxwj2018/201803/t20180326_138789.htm

<http://www.most.gov.cn/mostinfo/xinxifenlei/fgzc/gfxwj/gfxwj2018/201803/W020180326610534680806.pdf>

1. New generation information network
5G ICT, optical communication technology, CPU technology, Internet of Things, VR, quantum computation, big data
2. Intelligent and green manufacturing
High-end numerically controlled machine tools and intelligent robot, electric power equipment, next generation semiconductor, additive manufacturing, new energy equipment, micro-nano manufacturing, gas turbine
3. Safe, clean and efficient energy
Clean coal utilization, offshore wind power, smart grid, hydrogen fuel cells, use of nuclear energy and decommissioning
4. Advanced, effective, safe and convenient health technologies
Biopharmaceuticals, precision medicine, high performance medical instruments, prevention and treatment of major infectious diseases, antibiotic resistance, regenerative medicine, big data for medical care, medical robotics, ageing services, traditional Chinese medicine
5. Marine equipment
Marine engineering equipment and high-tech vessels, deep-sea oil and gas, natural gas hydrates, deep-sea operation
6. Space
Space equipment, space science and technology, satellite application technology (small satellite and load technology), remote sensing (deep-space exploration, satellite imaging, atmospheric observation, lunar-based observation)
7. New materials
Graphene technology, nanomaterials, high performance structure and composite materials, advanced semi-conductor materials, advanced light alloy materials, advanced functional and intelligent materials, catalytic materials
8. Large scientific research infrastructures
9. Public security
Disaster warning and treatment, food and drug safety inspection

Number of projects to be funded: around 15

Fund to be allocated: RMB 50 million, per project funding scale not exceeding RMB 3 million

Other requirements

1. EU-China Co-Funding Mechanism for STI cooperation projects aims to support Chinese participation in Horizon 2020 in the priority areas
2. Applicants should have submitted joint applications with their European partners under the EU's Horizon 2020 Work Programme 2018
3. Each Chinese proposal should correspond to a clearly identified Horizon 2020 project. Chinese participants in the same Horizon 2020 project should define one lead applicant through consultations to submit one Chinese application.
4. Chinese applicants should be formal partners participating in Horizon 2020 projects
5. Chinese and European participants should conduct mutually beneficial scientific research collaboration that complements their advantages and strength.
6. Chinese applicants should submit to MOST a copy of their Horizon 2020 project proposal in English and translation (including budget) and should ensure that the research content and total budget amount in the Horizon 2020 project proposal are the same as those submitted in MOST project application forms.
7. Project durations should in principal not exceed three years.
8. Please refer to Work Programmes 2018-2020 in specific areas for detailed arrangement of EU projects: <https://ec.europa.eu/programmes/horizon2020/en/what-work-programme>
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