

中欧水利科技合作中方资金渠道

Chinese Funding Mechanism for China-EU Water Resources Science and Technology Cooperation

中欧水资源交流平台中方秘书处

Chinese Secretariat, CEWP

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中国科技部政府间合作计划 MOST Intergovernmental Cooperation Plan

总预算为2亿/年 Total budget: 200 million yuan/year

旗舰类 **Flagship projects**

- >1000万元 >10 million yuan
- 前瞻、创新、全球视野 Forward-looking, innovation, global perspective
- 中欧双方同时申请 Both sides apply simultaneously
- 列入重点支持领域才能申请 Inclusion in key support areas as a prerequisite for application

补助类 **Subsidized projects**

- <300万元 <3 million yuan
- 欧方先中标 EU must win the bid first
- 支持的领域相对宽泛 Relatively broad support areas

中国科技部政府间合作计划

MOST Intergovernmental Cooperation Plan

旗舰类项目的重点支持领域（以2018年为例）：

Key support areas for flagship projects (take 2018 as an example):

- 食品、农业和生物技术
Food, Agriculture and Biotechnology (SFS-38-2018)
- 环境和可持续城镇化（SC5-13-2018-2019下属方向A：Strengthening EU-China collaboration）
Environment and Sustainable Urbanization (SC5-13-2018-2019 Subordinate direction A:
Strengthening EU-China collaboration)
- 地面交通（LC-MG-1-1-2018 下属方向C：Sensing and
monitoring emission in urban road transportation system）
Ground Transportation (LC-MG-1-1-2018 Subordinate direction C: Sensing and
monitoring emission in urban road transportation system)

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旗舰类项目的基本要求（以2018年为例）：

Basic requirement for flagship projects (take 2018 as an example):

- 4~5个 4-5 projects
- 6000万元 60 million yuan
- 特点Characteristics:
 - 排他性Exclusivity
 - 鼓励跨系统、产学研结合、企业参与Encourage cross-system cooperation, industry-university-research integration, and corporate participation
 - 中欧双方需优势互补、对等互利Both sides seek for complementary advantages and mutual benefits
 - <3年 <3 years

中国科技部政府间合作计划 MOST Intergovernmental Cooperation Plan

补贴类项目的重点支持领域分析（以2018年为例）： Analysis of key support areas for subsidized projects (take 2018 as an example):

- 15个左右 15 areas
- 5000万元 50 million yuan
- 特点Characteristics:
 - 中欧双方需优势互补、对等互利Both sides seek for complementary advantages and mutual benefits
 - <3年 <3 years

MOST Intergovernmental Cooperation Plan

补贴类项目的重点支持领域分析 (以2018年为例) : Analysis of key support areas for subsidized projects (take 2018 as an example):

小水电、多能融合
Small hydropower, multi-energy integration

水污染治理新材料
New materials for water pollution control

防洪减灾
Flood prevention and mitigation

- (1) 新一代信息网络。
New generation information network
5G 通讯技术、光通讯技术、处理器 (CPU) 技术、物联网技术、虚拟现实技术、量子计算、大数据技术。
5G communication technology, optical communication technology, CPU technology, IoT technology, VR technology, quantum computing, big data technology
- (2) 智能绿色制造。
Intelligent green manufacturing
高档数控机床和智能机器人、电力装备、下一代半导体、增材制造、新能源装备、微纳制造、燃气轮机。
High-end CNC machine tools and intelligent robots, power equipment, next-generation semiconductors, additive manufacturing, new energy equipment, micro-nano manufacturing, gas turbines
- (3) 安全、清洁、高效的现代能源。
Safe, clean and efficient modern energy
清洁煤利用技术、海洋风电技术、智能电网技术、氢能燃料电池技术、核能利用与核退役技术。
Clean coal utilization technology, marine wind power technology, smart grid technology, hydrogen fuel cell technology, nuclear energy utilization and nuclear decommissioning technology
- (4) 先进有效、安全便捷的健康技术。
Advanced, effective, safe and convenient health technology
生物制药、精准医疗、高性能医疗器械、重大传染病防治、抗生素耐药、再生医学、医疗大数据、医疗机器人、老龄化服务技术、中医药。
Biopharmaceuticals, precision medicine, high-performance medical devices, major infectious disease prevention, antibiotic resistance, regenerative medicine, medical big data, medical robots, aging service technology, traditional Chinese medicine
- (5) 海洋装备。
Marine equipment
海洋工程装备及高技术船舶、深海油气、天然气水合物、深海作业。
Marine engineering equipment and high-tech ships, deep-sea oil and gas, natural gas hydrates, deep sea operations
- (6) 航天。
Aerospace
航天装备、空间科学技术、卫星应用技术 (小卫星及载荷技术)、遥感技术 (深空探测、卫星成像、大气探测、月基观测)。
Aerospace equipment, space science and technology, satellite application technology (small satellite and payload technology), remote sensing technology (deep space exploration, satellite imaging, atmospheric detection, moon-based observation)
- (7) 新材料。
New materials
石墨烯技术、纳米材料、高性能结构与复合材料、先进半导体材料、先进轻合金材料、先进功能与智能材料、催化材料。
Graphene technology, nano materials, high performance structures and composites, advanced semiconductor materials, advanced light alloy materials, advanced functions and smart materials, catalytic materials
- (8) 大科学装置科学研究。
Scientific research of Large-scale Scientific Facility
- (9) 公共安全、灾害预警与处理、食品药品安全检测。
Public safety. Disaster warning and management, food and drug safety testing

目标Goal:

为解决长江经济带发展的水资源短缺、水环境污染、水生态损害和水灾害频发四大问题提供科技支撑，培养一批长江流域水问题研究科技人才。

To provide scientific and technological support for solving the four major problems of water shortage, water environment pollution, water ecological damage and frequent water disasters in the development of the Yangtze River Economic Belt, and to train a number of scientific and technological talents to study water issues in the Yangtze River Basin .

可作为中方配套的渠道之一

Can be used as one of the supporting funding channels of the Chinese side

- **资金来源Funding source:**

- 水利部筹资（将由三峡集团出资解决） MWR funding (funded by CTG)
- 国家自然科学基金委NSFC

- **资金规模Fund scale:**

- 三年3个亿 300 million yuan for 3 years

- **项目金额Project amounts:**

- 每个项目300~500万 3-5 million for each project

- **实施期Implementation period:**

- 5年 5 years



感谢！

THANK YOU FOR YOUR ATTENTION!