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# EC2

Europe-China Clean Energy Centre  
中欧清洁能源中心



Bruxelles, April 13, 2011

Seminar “European Union Energy Policy And The Global Challenges”

## **A new opportunity in energy cooperation: the Europe-China Clean Energy Centre (EC2)** 能源合作的新契机：中欧清洁能源中心(EC2)

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# EC2 in a nutshell 简介



A project which...

- Supports the Chinese Government's efforts to shape a more sustainable, environment-friendly and efficient energy sector  
支持中国政府塑造一个更加可持续、环保和高效的能源系统
- Encourages the uptake of the most promising cutting edge technologies for the clean energy sector and technology cooperation  
激励清洁能源前沿技术在中国的应用和合作
- Promotes an increased use of clean energy in China  
促进清洁能源在中国的利用

Promoters: EC, National Energy Administration (PRC), MofCom (PRC)

推动方：欧盟委员会，中国发改委能源局，中国商务部

Implementation period: April 2010 – March 2015

项目执行期：2010年4月-2015年3月

Total budget: € 12,4 M (~ 9,5M EC contribution + ~ 2M IMELS co-funding)

项目预算：1,240万欧元(其中欧盟出资950万，IMELS共同出资200万)

# A large consortium (i) 合作伙伴



Coordinator: **Politecnico di Torino (Italy)**

牵头单位: 意大利都灵大学

Partners:  
合作伙伴:

**Institute of Industrial Economics, Chinese Academy of Social Sciences (IIE/CASS) - P.R.C.** 中国社会科学院工业经济研究所

**Energy Research Institute (ERI), National Development and Reform Commission – P.R.C.** 中华人民共和国国家发展和改革委员会能源研究所

**Tsinghua University – P.R.C.** 清华大学（中国）

**Centro Euro-Mediterraneo per i Cambiamenti Climatici S.c.a.r.l. (CMCC) – ITALY** 欧洲-地中海气候变化中心（意大利）

**Chalmers University of Technology – SWEDEN** 查尔姆斯理工大学（瑞典）

**Commissariat à l'Energie Atomique et aux Énergies Alternatives (CEA) – France** 原子能与替代能源委员会（法国）

**Regional Environmental Center for Central and Eastern Europe (REC) – HUNGARY** 中东欧区域环境中心（匈牙利）

**Università della Calabria (UNICAL) – ITALY** 卡拉布利亚大学（意大利）

# A large consortium (ii) 协作机构



Associates:  
联合机构

**Chinese Renewable Energy Industries Association (CREIA) – P.R.C.**  
中国可再生能源产业协会

**Intesa San Paolo Eurodesk (ISE) – BELGIUM**  
意大利联合圣保罗银行的欧洲台（比利时）

**Ministry for the Environment Land and Sea of Italy (IMELS) – ITALY co-funder**  
意大利环境、领土与海洋部（共同出资方）

**Venice International University (VIU) – ITALY**  
威尼斯国际大学（意大利）

**Zhejiang China-Europe Low Carbon Economy Research & Cooperation Centre (ZJLCC) – P.R.C.**  
浙江中欧低碳经济研究合作中心（中国）

# EC2 premises 办公地点



- Location: The Sino-Italian Environment and Energy-efficient Building (SIEEB) at Tsinghua University in Beijing  
北京清华大学中意环境节能楼
- SIEEB is also home to the School of Environment of Tsinghua University  
该建筑同时也是清华大学环境学院



# Focus areas 工作重点



- Clean coal (e.g. Carbon Capture & Storage, energy efficiency in power production)  
清洁煤（如碳捕捉与碳封存、发电效率）
- Sustainable bio fuels  
可持续生物燃料
- Renewable energy sources  
可再生能源资源
- Energy efficiency in energy consumption (buildings, products, industry) 能耗能效（建筑、产品、工业生产）
- Sustainable and efficient distribution systems  
可持续且高效的能源输送系统

# Main activities 工作内容



- Provide information by mapping, collecting, processing the available knowledge on clean energy technologies, making it available to EC2 users  
收集整理有关清洁能源的现有知识和新兴技术，满足中心用户的使用
- Improve the introduction of new clean energy technologies, by facilitating the interaction among R&D institutions and by promoting technological analysis, best practices and partnership opportunities  
促进研发机构间的合作，开展技术和最佳实践案例的分析，加快新清洁能源技术的引进
- Establish an innovative platform for capacity building for Chinese institutions in the field of energy policy and regulation  
在能源政策和法规领域，为中国机构的能力建设搭建创新平台
- Advise EU and Chinese decision-makers on the best way to develop and enforce policy-making, energy planning and reform  
为中欧双方制定和实施能源政策、规划和改革的决策者提供建议
- Promote and organize high level dissemination activities  
组织高水平的传播推广活动

# Target groups 目标群体



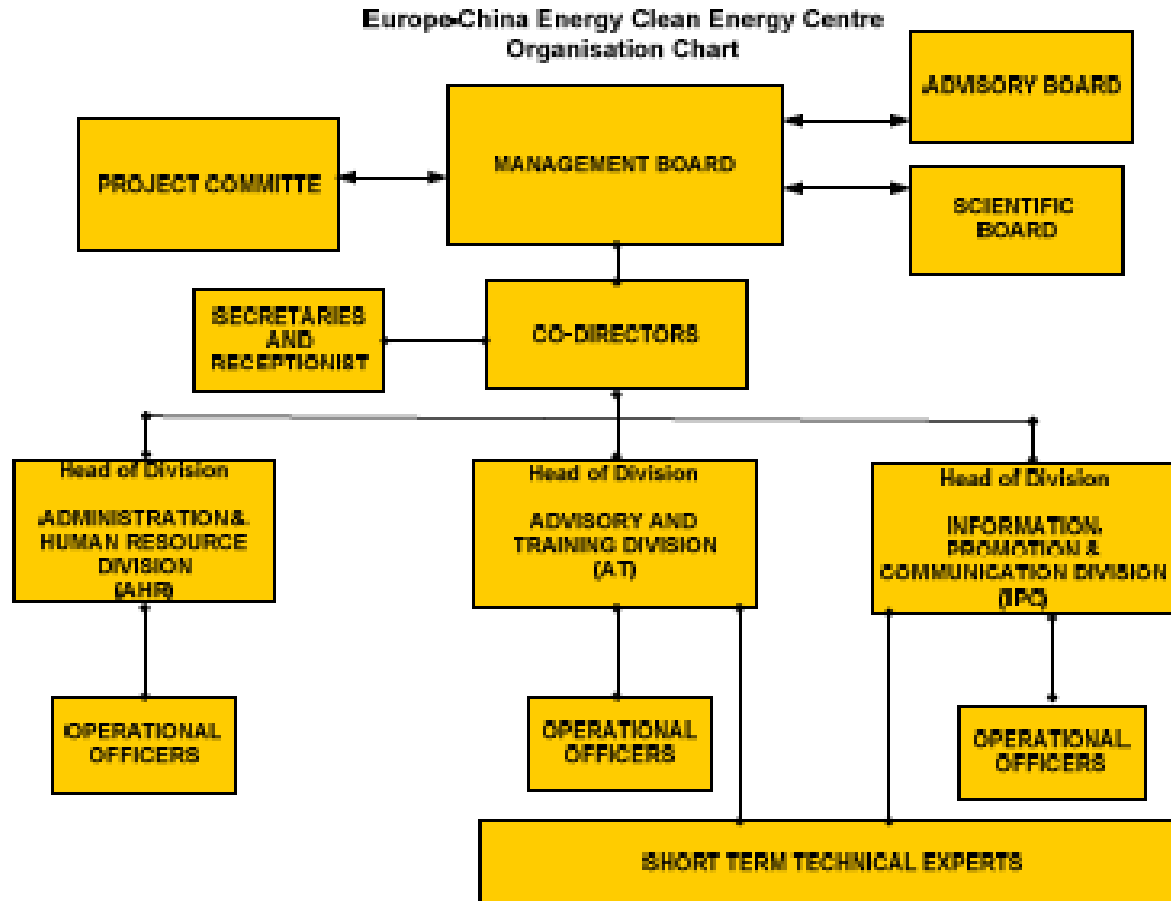
- Policy makers  
政策制定者
  - Institutions  
政府和公共机构
  - Industry  
工业界
  - R&D community  
研发团体
  - Academic world  
学术领域
  - Public at large  
社会公众
- Mainly Chinese and European  
主要面向中国和欧洲
    - 2500 Chinese Government and Energy Authorities  
2500家中国政府和能源机构
    - 2500 energy experts from Chinese private & public clean technology producers and consumers  
2500位从事于中国清洁能源技术生产和使用的专家
    - 2000 energy specialists from research and NGOs  
2000位在研究机构和NGO的能源专家

# Expected results 预期成效

- I) Increased introduction of clean energy technologies into the energy and other relevant sectors.  
推动清洁能源技术的引入和应用
- II) Enhanced capacity of Chinese officials for the development of policies, regulations and standards fostering clean energy development. 提高中国官员制定清洁能源政策、法规和标准的能力
- III) Enhanced capacity of Chinese energy authorities and economic operators to enforce and implement a more thorough clean energy development regulatory framework. 加强中国能源部门和经营者执行和实施更彻底的清洁能源发展规划框架的能力
- IV) Increased awareness amongst decision makers and public at large of clean energy and its benefits to the environment.  
提升决策者和社会公众对清洁能源及其环境友好的公众意识



# Organisational Chart 组织结构



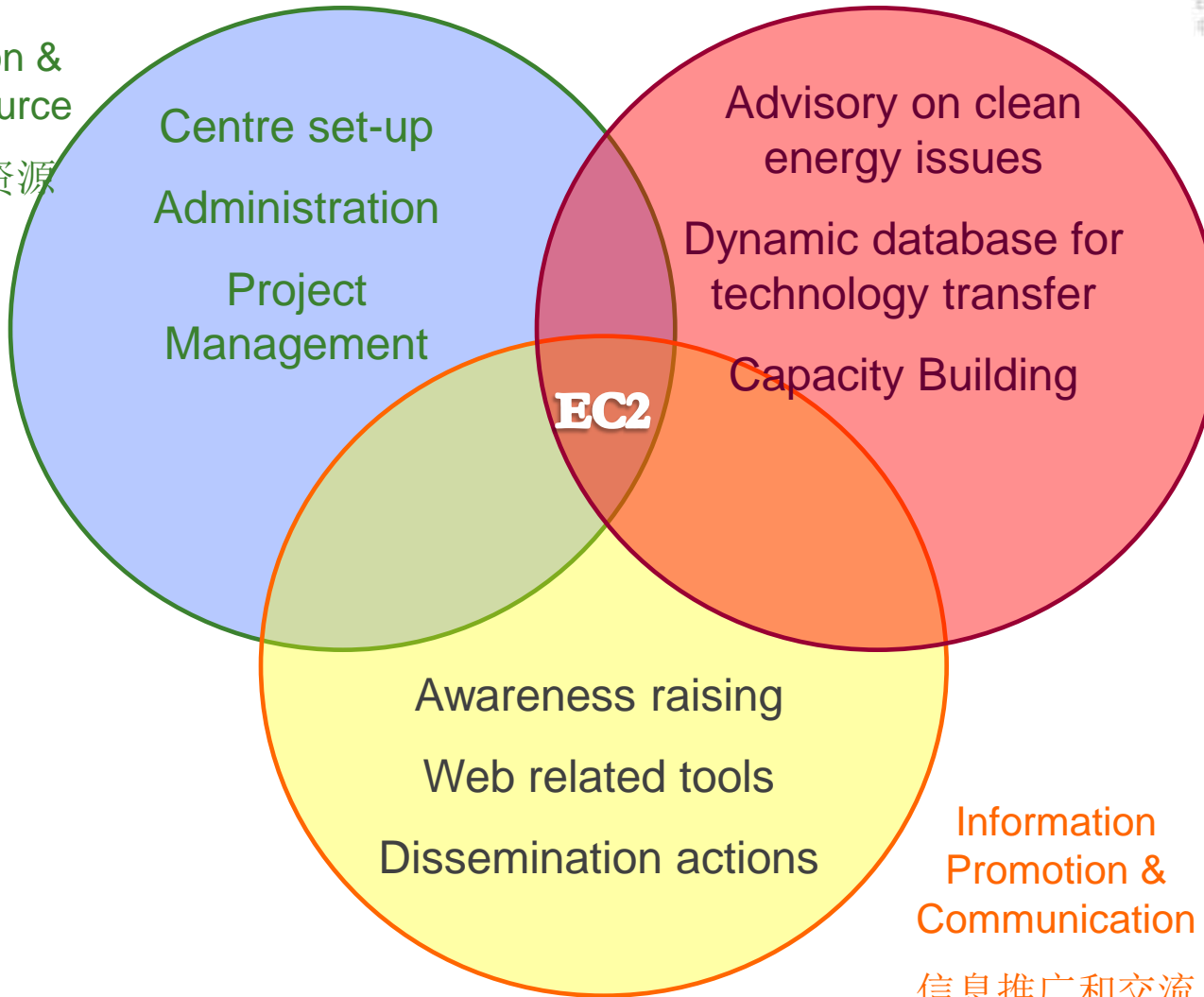
Location: People's Republic of China + Europe 分别分布于中欧双方

# The 3 divisions: a focus 3个部门



Europe-China Clean Energy Centre  
中欧清洁能源中心

Administration &  
Human Resource  
行政和人力资源



Advisory and  
Training  
咨询和培训

Information  
Promotion &  
Communication

信息推广和交流

# Convert clean energy objectives into action 从目标到行动

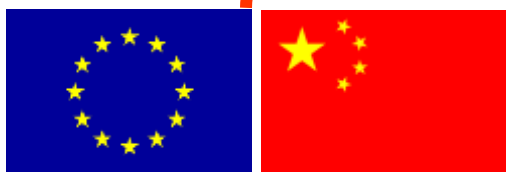
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Clean Energy objectives  
清洁能源目标

- Innovative platform on clean energy technologies  
创新平台
- Advisory on clean energy policies  
政策建议
- Capacity Building  
能力建设
- Awareness raising on clean energy and its benefits to environment  
意识提高



Real changes on the ground  
切实的改变

# What EC2 can do with you



- Provide information: data and studies on clean energy technologies/policies
  - Analysis of available Chinese and European technologies: to identify collaborative research and cooperation projects
  - Provide advice and training
  - Joint activities
  - Membership programme (Clean Energy Alliance)
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# Need more details?

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中欧清洁能源中心



- About Us 关于我们
- Activities & Focus areas 活动及重点领域
- EC2 & You EC2与您
- News and Events 新闻与事件
- Gallery 图片库
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<http://www.ec2.org.cn>



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