Promote Global Energy Interconnection (GEI) to meet global power demands with clean and green alternatives.

Global Energy Interconnection Development and Cooperation Organization (GEIDCO) was officially established on March 29th, 2016. GEIDCO is a non-governmental, non-profit international organization among willing firms, associations, institutions and individuals who are dedicated to promoting the sustainable development of energy worldwide.

The permanent office of GEIDCO is located in Beijing, China. The first 80 members of the GEIDCO come from 14 countries and regions, including 2 individual members, 10 social organizations, 10 universities and R&D institutions and 58 enterprises (of which 22 are listed in the Fortune Global 500). Its first council consists of 17 members.

Chairman’s Message

The establishment of the GEIDCO is a significant milestone in world energy development, which ushers GEI into a new stage of comprehensive development. It will create a new pattern for low-carbon and clean development of world energy and open a new chapter for sustainable development of human society.

GEI is a globally interconnected strong and smart grid with Ultra High Voltage (UHV) grid as the backbone, which will serve as a platform for extensive development, deployment and utilization of clean energy globally. It’s an essential path to construct GEI, speed up clean energy-dominant and electricity-centric energy development pattern and with global allocation of energy resources for addressing severe challenges such as resource constraints, environmental pollution and climate change, therefore realizing the sustainable development of world energy which is in line with common interests of mankind.

GEI involves many factors in politics, economy, energy and technology, requiring full supports and strengthened cooperation among all parties. GEIDCO will bring a new momentum for the comprehensive development of GEI. To build an international organization with global influence, we will lay emphasis on the spread of the concept, planning and research, technological innovation, communication and exchanges, and project cooperation, and we will set up a cross-border, cross-sector and cross-disciplinary mechanism for international cooperation. In addition, we will pool global wisdom and bring together resources of all sides over the world to solve the problems hindering development, focusing on building a GEIDCO platform under the principle of joint discussion, joint construction, sharing and win-win cooperation for realizing UN target of “Sustainable Energy For All”.

I strongly believe, with our concerted efforts, GEI will eventually materialize and the world will turn into a peaceful and harmonious global village with sufficient energy, green land, and blue sky.
GEIDCO consists of the decision-making organs, the functional organs, the advisory board. The decision-making organs include the General Meeting and the Council. The functional organs are responsible for day-to-day operations of GEIDCO, including the internal organs and external organs.

**Our Structure**

![Organizational Chart]

**Our Mission and Vision**

**Mission:** GEIDCO aims to promote GEI development to meet global electric power demand with clean and green alternatives, help realize the UN target of “Sustainable Energy for All” and combat climate change, and contribute to the sustainable development of all mankind.

**Vision:** By 2020, push forward domestic interconnection within countries; clean energy will take up 25% of the global primary energy consumption and electricity will account for 20% of global end-use energy mix. By 2030, advance in intracontinental and cross-border interconnection; clean energy will take up 33% of the global primary energy consumption and electricity will account for 30% of global end-use energy mix. By 2050, promote intercontinental interconnection; develop energy bases in the Arctic and Equatorial regions; clean energy will take up 80% of the global primary energy consumption and electricity will account for 50% of global end-use energy mix. By then, GEI will basically come into being.

**Our Responsibilities**

Forge consensus of development. Promote the concept of GEI, bring together resources from all parties and achieve a broadly-based consensus.

Strengthen communication. Organize international communication and cooperation and build up a platform for exchange and innovation.

Jointly discuss strategic planning. Formulate GEI development strategies and plans, promote pilot projects and bring their exemplary and leading role into play.

Set up technological standards together. Organize the institution of relevant technical standards and promote the creation of a GEI technical standard framework.

Promote cooperation and sharing. Take concerted and collaborative efforts in researches and innovations, promote the integration and sharing of all types of resources and leverage competitive strengths of all participants to complement each other.

Realize mutual benefits. Organize research and studies on major issues of GEI and provide relevant consulting services.
### List of First Members

**Individuals**
- Zhenya Liu
- Steven Chu

**Organizations**
- China Electricity Council
- Chinese Society for Electrical Engineering
- China Machinery Industry Federation
- China Renewable Energy Society
- China Enterprise Confederation
- China Federation of Industrial Economics
- Climate Parliament
- Renewable Energy Institute
- Desertec Industrial Initiative (DII GmbH)
- Eastern Africa Power Pool (EAPP)

**Research Institutes**
- China Electric Power Research Institute
- State Power Economic Research Institute

**Universities**
- Tsinghua University
- Shanghai Jiao Tong University
- Shandong University
- Zhejiang University
- Wuhan University
- North China Electric Power University
- University of Birmingham
- Politecnico di Torino

**Manufacturers**
- China XD Group
- Siyuan Electric Co., Ltd.
- China Merchants New Energy Group
- TBEA Co., Ltd.
- Pinggao Group Co., Ltd.
- NARI Group Corporation
- Huawei Technologies Co., Ltd.
- Lenovo Group Ltd.
- Tencent, Inc.
- Xinxing Goldwind Sci & Tech Co., Ltd.
- Far East Smarter Energy Co., Ltd.
- Shenzhen Hopewind Electric Co., Ltd.
- Yingli Group Co., Ltd.
- Golden Concord Holdings Limited (GCL)
- BYD Company Limited
- Chint Group Corporation
- State Grid Information & Telecommunication Group Co., Ltd.
- State Grid Xinyuan Company Ltd.
- State Grid Energy Conservation Service Co., Ltd.
- Xi’an Group Corporation
- Shandong Electrical Engineering & Equipment Group Co., Ltd.
- ABB Group
- Siemens AG
- Hitachi, Ltd.
- General Electric Company (GE)

**Engineering & Consulting Companies**
- Power Construction Corporation of China
- China Energy Engineering Corporation Limited
- HYDROCHINA Corporation
- China Electric Power Equipment and Technology Co., Ltd.

**Utilities**
- State Grid Corporation of China
- China Southern Power Grid Company Limited
- China Huaining Group
- China Datang Corporation
- China Huadian Corporation
- China Guodian Corporation
- State Power Investment Corporation
- China Three Gorges Corporation
- Shenhua Group Corporation Limited
- Centrais Elétricas Brasileiras S.A. (Eletrobras)
- PESC Rosetti
- Terna S.p.A.
- Redes Energéticas Nacionais, SGPS, S.A. (REN)
- Korea Electric Power Corporation (KEPCO)
- National Transmission & Dispatch Company Limited Pakistan (NTDC)
- Ethiopian Electric Power Corporation (EEP)
- NSW Electricity Networks Operations Pty Ltd. (TransGrid)
- SGP (Australia) Assets Pty Ltd. (SGPPAA)

**Financial Institutions**
- China Development Bank
- Industrial and Commercial Bank of China
- Agricultural Bank of China Limited
- China Construction Bank Corporation
- Bank of Communications Co., Ltd.
- State Grid Yingda Group
- China Power Financial Co., Ltd.
- Morgan Stanley Asia Limited
- Accenture Co., Ltd.
- KPMG Advisory (China) Ltd. Beijing Branch
- Ernst & Young (China) Advisory Limited

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**Note:** In no particular order. * is the council member