

Memorandum of Agreement

This Memorandum of Agreement sets forth the responsibilities of the **Global Energy Center for Community Sustainability** and the **Beijing Sustainable Development Center** as affiliated members of the **Global Energy Network for Community Sustainability**.

Background

Global Energy Center (hereafter GEC): The GEC is a non-profit organization in the United States, helping U.S. communities adopt and integrate efficient energy technologies and sustainable resources management practices in their development projects and daily operations. In addition, the GEC helps qualified organizations in other nations pursue this mission for their communities while facilitating resource exchanges and collaborative projects among them. The GEC is administered by the Gas Technology Institute with support and guidance from the U.S. Department of Energy.

Global Energy Network (hereafter GEN): The GEN is an international affiliation of organizations collaborating to develop and disseminate resources for energy and resource-smart community development and management. Affiliates of the GEN commit to sharing information, case studies, best practices and lessons learned to improve each other's effectiveness in carrying out this joint mission.

Beijing Sustainable Development Center (hereafter BSDC): The BSDC is a public organization affiliated with the Beijing Municipal Science & Technology Commission. Its missions are to provide science & technology guidelines and technical support services for social and economic sustainable development. Specific service areas include: energy and environmental technology research and demonstration; sustainable community planning and management; and public education and training supporting the popularization of science and technology.

This Memorandum of Agreement establishes the BSDC as an affiliate of the GEN serving communities in northern China.

Definitions

Community refers to urban and rural settlements defined by geo-political boundaries or a group of proximate settlements comprising a "community of interest".

Sustainable Development refers to practices that improve a community's economy, environment and quality of life in ways that meet the needs of current residents while conserving resources and opportunities for future generations.

Sustainable Energy is energy saved through efficient end-use practices or derived from renewable energy resources such as solar, wind, biomass, geothermal, and low-impact hydroelectricity.

Clean Energy Technologies are those energy supply or end-use technologies that, compared with technologies already in commercial use, emit substantially lower levels of greenhouse gases and other pollutants over their life cycle and generate substantially smaller or less-toxic volumes of solid or liquid wastes. Clean energy technologies include those that allow the production, transport, storage and use of fossil energy resources with relatively high efficiency and relatively low impact on the environment.

Sustainable Community Energy Development (SCED) integrates sustainable energy, clean energy technologies and responsible resources management strategies into development projects that build economically, socially and environmentally healthy communities.

Agreements

1. The BSDC agrees to:

- Actively promote and advocate the practice of SCED by communities in northern and central China – specifically those located in the northern temperate and frigid zones and other areas that experience substantial seasonal climate variations.
- Acquire and provide communities with information on available sustainable energy and clean energy technologies for: buildings, industrial and commercial processes, public transit and private mobility, water quality and waste management, and energy-smart land-use planning and development.
- Develop and offer a SCED training program for public and private developers enabling them to formulate comprehensive plans that will transition their communities toward greater use of sustainable energy and clean energy technologies across all sectors of use.
- Collaborate with the GEC to develop new information, technical materials, analytic tools and decision-support tools appropriate to facilitating sustainable community energy use, and/or to modify existing tools for effective use in northern China.
- Utilize its own and the GEC World Wide Web sites to freely share with other GEN affiliates the lessons, best practices and case studies it develops in its work with communities.
- Collaborate with the GEC as appropriate to seek joint funding for training, tool acquisition and other activities that build the BSDC's capacity to assist communities.

- Maintain clear and convenient linkages between its and the GEC's World Wide Web sites.
- Clearly identify itself as an affiliated member of the Global Energy Network on its printed, broadcast and internet-based education, information and outreach materials.

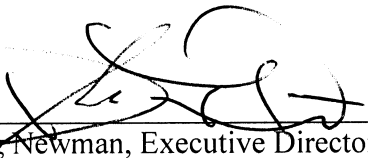
2. The GEC commits to:

- Provide timely information to the BSDC on policies, practices, technologies and tools developed by U.S. organizations and other affiliates of the GEN to assist communities in the pursuit of SCED.
- Provide technical assistance and training, as requested and as resources permit, to help build the capacity of the BSDC in its function as a GEN affiliate.
- Collaborate with the BSDC as appropriate to seek joint funding for training, tool acquisition and other activities that build the mutual capacity of the BSDC and the GEC to assist communities.
- Link the BSDC and its customers to U.S. services and products, when desired by the BSDC, that enhance the capacity of communities to pursue SCED.
- Promote the BSDC as a member of the GEN on the GEC World Wide Web site and in information, outreach and other internet materials related to the work of the GEN.
- Collaborate with the BSDC to seek the resources necessary to translate key portions of the Smart Communities Network World Wide Web site into Chinese.

Additional Provisions

1. Nothing in this agreement will be construed as a specific commitment of funding by either the GEC or the BSDC.
2. This agreement may be modified by addenda, when mutually agreed upon by the principals of the GEC and the BSDC.
3. This agreement shall remain in force for five years from the date of signature by both organizations, at which time it may be renewed or renegotiated.
4. This agreement may be terminated unilaterally by either party, with at least 30 days advance notice to the other organization.

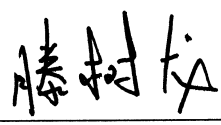
5. Both organizations will identify a point of contact for ongoing coordination and communications.
6. Each six months at minimum, the principals of the GEC and BSDC or their designees will review progress on the agreements covered in this document and make recommendations on how to continuously improve the effectiveness of the agreement and the Global Energy Network.



Doug Newman, Executive Director
Global Energy Center

JUNE 14th, 2005

Date



Dr. Shulong Teng, Director
Beijing Sustainable Development Center

June 6th, 2005.

Date