

**MEMORANDUM OF UNDERSTANDING
BETWEEN THE CLINTON CLIMATE INITIATIVE OF
THE WILLIAM J. CLINTON FOUNDATION AND THE
AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-
CONDITIONING ENGINEERS**

WHEREAS:

The science of climate change is powerful and compelling. The Clinton Climate Initiative (CCI) of the William J. Clinton Foundation (WJCF) and the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) recognize that increasing concentrations of greenhouse gases and increased average global temperatures have raised worldwide concern for global climate change. The two organizations are mutually committed to initiating programs that substantially reduce greenhouse gas emissions and that achieve measurable results. CCI and ASHRAE also recognize there are tremendous opportunities for cities to help reverse global climate change while saving energy, reducing costs and promoting sustainable development.

AND WHEREAS:

The WJCF has recently organized the CCI to help address issues of global warming. President Clinton has long been concerned about global warming, and climate change is a major focus of the Clinton Global Initiative that met last September in New York City. Now, the CCI of the WJCF will undertake direct action to help large cities implement innovative solutions that are climate friendly.

The WJCF has extensive experience in providing direct, on-the-ground technical assistance to governments in 28 countries and has provided general assistance in procurement to an additional 30 countries that are part of its global purchasing consortium. The WJCF, in partnership with governments and leading research institutions, also provides operations research and information exchange vehicles for national programs.

CCI will utilize the global influence of President Clinton and the skills that the WJCF has developed in the global mobilization to confront other major issues, such as AIDS, to help initiate programs that directly result in substantial reductions in greenhouse gas emissions. Its efforts will include working with members of a group of large cities to develop and implement a series of actions designed to accelerate greenhouse gas emissions reductions as well as to provide direct assistance to individual cities.

AND WHEREAS:

ASHRAE is a global leader in energy efficiency and sustainability, serving the built environment since its founding in 1894. The collective wisdom of some 55,000 members in 133 countries drives development of ASHRAE's energy efficiency standards, design guides, continuing educational programs and research recognized worldwide. ASHRAE's building energy efficiency Standard 90.1 has achieved wide endorsement,

and its Advanced Energy Design Guide series provides guidance on how to achieve a level of energy efficiency higher than Standard 90.1.

Recognizing the impact of buildings on global energy use and greenhouse gas emissions, ASHRAE members and staff will work with city planners to support development of codes, standards, energy use metrics, and other programs that lower environmental impacts. ASHRAE's assistance will facilitate the transfer of existing tools and technology, and support solutions to common energy and greenhouse gas emission challenges facing the leaders of large cities.

NOW, THEREFORE:

We enter into this Memorandum of Understanding so as to define the collaborative working relationship between the Clinton Climate Initiative (CCI) of the WJFC and the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE). Our relationship will focus upon significant and immediate activities that will result in measurable progress and create local capacity and organizational infrastructure. Our cooperative activities will include, but will not be limited to, the following:

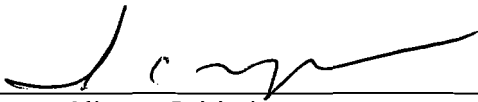
- CCI will use its expertise and experience to organize a purchasing consortium that will act as a buying club for members of the large cities group to procure energy efficient and renewable energy technologies. CCI will make available to other interested cities the benefits of this purchasing consortium.
- ASHRAE will lend its expertise and experience to CCI as it endeavors to provide members of the large cities group with world-class technical assistance on an array of actions that cities might implement to lower greenhouse gas emissions. ASHRAE and CCI will mutually participate in technical assistance activities wherever appropriate, with the nature of this cooperation varying, depending on the particular circumstances of each locality in which CCI and ASHRAE operate.
- CCI, in conjunction with ICLEI – Local Governments for Sustainability and its other partners, will work together to support the development of a dynamic, online software tool to track greenhouse gas emissions in cities worldwide. This software tool will aim to establish a globally authoritative, standardized system for greenhouse gas emissions measurement and evaluation. It will report outputs as well as create real-time mechanisms for exchanging information among cities. This software tool will aim to be practical, accessible, and flexible to meet local needs. It will be accessible both to members of the large cities group that ICLEI services and to ICLEI member cities.
- ASHRAE will support CCI visits to cities by providing qualified volunteer experts where appropriate. We will work together to provide sustained follow-up and technical assistance to city planners and officials so as to build local capacity. This local capacity will be supported by ASHRAE's complementary provision of technical literature, including standards and publications such as the Advanced

Energy Design Guide series and the HVACR handbook series to select city officials. ASHRAE will provide appropriate technical advice to CCI in relation to its purchasing consortium and building efficiency programs with cities.


- CCI and ASHRAE will work jointly to promote and publicize their association so as to further their mutual climate protection and emissions reduction objectives, worldwide. The two parties will regularly share information on relevant programs, technical expertise and institutional relationships.
- CCI and ASHRAE will collaborate in other activities as are mutually agreed.

This Memorandum of Understanding is intended to set forth a long term working relationship between the parties. The agreement may be reviewed at the mutual discretion of CCI and ASHRAE, terminated with 90 days written notice by either party, or amended at any time by mutual agreement of the parties. This is not a legally binding document.

Signed:



Clinton Climate Initiative 1 August 2006
Date

 PRESIDENT 08-01-06

American Society of Heating, Refrigerating and Air-Conditioning Engineers Date