



**WFEO Committee on Engineering and the Environment
UNFCCC Action Pledge**

Name of Project	Adaptation of Sustainable Civil Infrastructure to Climate Change Impacts
Overall Objectives	Contribute to a sustainable implementation of UNFCCC adaptation goals and strategies applied to civil infrastructure as well as contributing towards Goal 7: Ensure Environmental Sustainability within the United Nations Millennium Development Goals
Project Purpose	<p>To develop and implement engineering tools, policies and practices for risk assessment and adaptation of existing and new civil infrastructure to climate change</p> <p>To build knowledge, experience and appropriate techniques to enhance the technical capacity of engineers to adapt civil infrastructure to climate change, particularly within developing and least developed countries</p>
Activities	<p>Organize national and regional workshops for engineers, planners and decision-makers on policies and best practices related to climate change adaptation of civil infrastructure</p> <p>Facilitate regional, country-level and community level pilot projects which identify evaluate engineering vulnerabilities of civil infrastructures and undertake adaptation measures, which include consideration of non-structural (soft) measures and non-monetary or intangible damages of disasters due to climate change, having indirect and multiplied impacts</p> <p>Publish guidance documents on engineering vulnerability assessment of civil infrastructure and best engineering practices for adaptation to address these vulnerabilities</p> <p>Organize an international conference on climate change adaptation of civil infrastructure</p>
Expected Results	Adoption by national engineering organizations of a formal protocol for the engineering vulnerability assessment of civil infrastructure
Indicators of Achievement	<p>Number of completed pilot projects by country</p> <p>Numbers of WFEO Members that have adopted the protocol for engineering vulnerability assessment</p> <p>Number and availability of guidance documents</p>

**Approved by WFEO Executive Board
March 17, 2009**