

## Energy Efficiency

# NAMA Development for the Building Sector in Asia

### THE PROBLEM

The building sector is responsible for approximately one-third of all GHG emissions. In rapidly developing Asia, energy efficiency measures, enactment of sustainable building policies, technologies, and innovative approaches to financing offer the potential for significant GHG emission reductions, but have not been either adopted or implemented effectively. Southeast Asia, India and China are among the fastest growing construction markets in the world. Increased energy consumption associated with such growth will result in a parallel rise in emissions from the building sector unless effective building policies and practices are enacted. Barriers include the lack of methodologies (including tools for Measuring, Reporting, and Verifying - MRV) to support far-reaching energy efficiency projects for buildings, significant fragmentation within the building sector, and a lack of capacity at various levels of government to facilitate action.

### OUR RESPONSE

Nationally Appropriate Mitigation Actions (NAMAs) offer a means of overcoming identified barriers, and can be realized through a process of active engagement and support for governments, local authorities, the private sector and other critical stakeholders. UNEP is assisting Indonesia, The Philippines, Thailand and Viet Nam to identify building sector actions that can be developed into sectoral NAMAs. A series of common and country-specific workshops and training sessions with stakeholders (including relevant ministries, local authorities, representatives from the construction sector, NGOs and developers) will raise awareness in the region of the linkage between building performance and climate change and the potential for mitigation through action in the building sector. Recommendations for mitigation actions identified through country engagement will be developed through consultative sessions for inclusion in potential NAMAs, and guidance will be provided on a framework for implementation which will support alignment with national climate strategies. Scenarios for NAMAs will include technology, finance and institutional arrangements, as well as capacity building needs for each country, with the ultimate objective.

### IN FOCUS



### OUR CONTRIBUTION TO GENDER EQUALITY

The NAMA development for the Building Sector in Asia project ensures a gender-balance among participants and keynote speakers in its workshops. Gender has also been mainstreamed in its recently published NAMA Guidance Document. As the project is now moving from the assessment phase to the development phase, recommendations will include gender-sensitive considerations of the impact of NAMAs and concrete support of gender-sensitive activities. The projects also ensures gender balance in the project team and, when possible, amongst the partner country focal points.

### Geographical Scope

South Asia, Indonesia, Thailand, Nepal, Philippines

### Partners

UNEP-DTU Partnership; Building and Construction Authority- Centre for Sustainable Buildings (Singapore); TERI; Tsinghua University

### Donors

Federal Ministry of Environment, Nature Conservation, Building and Nuclear Safety (BMUB), Germany

### Project Manager

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### Status

On-going

### Contact

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