

## PROJECT APPROACH

- Working in Partnership with stakeholders - the government, municipalities, SMEs, and consumers
- Pursuing holistic and systemic approach to ensure the promotion of sustainable housing systems as a whole and not just of a particular technology.
- Promoting SMEs to mainstream the green products and services.



## MAJOR ACTIVITIES

- Assisting government in preparing policy frameworks to promote sustainable housing;
- Supporting three selected municipalities in promoting Green Homes.
- Stimulating demand for Green Homes components by strengthening supply chain.
- Bridging SMEs and consumers through awareness building and promotional activities.
- Building capacity of SMEs and creating green jobs for the urban poor.
- Developing voluntary Green Labeling System.



# Green Homes

Promoting Sustainable Housing in Nepal



### The European Commission is the EU's executive body.

"The European Union is made up of 28 Member States who have decided to gradually link together their know-how, resources and destinies. Together, during a period of enlargement of 50 years, they have built a zone of stability, democracy and sustainable development whilst maintaining cultural diversity, tolerance and individual freedoms. The European Union is committed to sharing its achievements and its values with countries and peoples beyond its borders".

For more details:

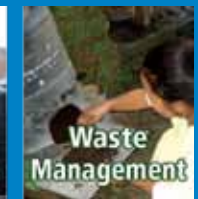
### United Nations Human Settlements Programme (UN-Habitat)

Pulchowk, Lalitpur, Nepal

Tel: 00977-1-5542816, Fax: 00977-1-5539877

Email: [unhabitat.nepal@unhabitat.org.np](mailto:unhabitat.nepal@unhabitat.org.np)

<http://www.unhabitat.org.np>



Project funded by  
The European Union

Implementing Partners

**UN HABITAT**  
FOR A BETTER URBAN FUTURE





## THE INITIATIVE:

UN-Habitat is addressing urban climate change agenda through Cities and Climate Change Initiatives (CCCI). Collaborating with European Union under SWITCH Asia call for Sustainable Consumption and Production, UN-Habitat and partners are promoting sustainable housing in cities of Nepal.

## GREEN HOMES: THE SUSTAINABLE HOUSING

Green Homes - the Sustainable Housing is an approach that includes housing xthus resulting in human wellbeing, social equity, and promotion of green economy. Besides energy efficiency in buildings, it also includes eco-friendly practices for water and waste management systems such as rainwater harvesting, and waste/wastewater recycling. Green homes are more than just green buildings - they reflect a sustainable lifestyle based on eco-friendly systems and behaviour.

## OBJECTIVES

The overall objective is to promote sustainable housing technologies and services to contribute towards mitigating climate change and reducing poverty through creation of green jobs and moving towards a green economy.

Specific objectives:

- Create an enabling policy environment to promote sustainable housing;
- Strengthen supply chain for sustainable housing and building
- capacity of SMEs to deliver household
- level green technologies and services
- Stimulate demand for sustainable housing



## NEED FOR SUSTAINABLE HOUSING

Housing sector has a significant contribution to urban economies in cities. 18% of total urban employment in Nepal is said to be contributed by construction industries. On the demand side there will be need of an additional 1 million urban houses in the decade of 2011 to shelter urban population. To meet this demand with the conventional building practices will contribute notoriously to pollution and climate change factors. The conventional brick-concrete buildings perform poorly in severe temperatures. Nepalese cities are facing challenges in water scarcity, waste management and environmental pollution. Growing climate variability is also likely to exacerbate pressure on the urban services. To enhance sustainability and adapting climate change impacts, it is imperative to include eco-friendly practices and to curb the energy consumption in the housing sector—both embodied in construction materials as well as operational. Therefore, Green Homes is being proposed to address the demand of the time.



## FEATURES OF GREEN HOMES

Use of sustainable and environment friendly building materials,

- Passive solar design and energy efficiency
- Water Conservation
- Waste reduction, recycling and reuse.
- Improve indoor air quality



## FEATURES OF GREEN HOMES

- National level policy makers
- Municipalities
- SMEs involved in sustainable housing
- Urban poor youth and women
- Consumers of sustainable housing
- Professionals, researchers and general public

