

# PLEA

CONFERENCE

# 2014

AHMEDABAD

DECEMBER 2014

Organised by

Centre for Advanced Research in  
Building Science and Energy

CEPT University



# PLEA 2014 : The 30<sup>th</sup> International PLEA Conference

## Sustainable habitat for developing societies- choosing the way forward

### Goal and Theme of PLEA 2014

PLEA is an autonomous, non-profit, network of individuals sharing expertise in the arts, sciences, planning and design of the built environment. Founded in 1981, PLEA organises international conferences and workshops; expert group meetings and consultancies; scientific and technical publications; architectural competitions and exhibitions. The goal of the 30<sup>th</sup> International PLEA Conference (PLEA 2014) is to promote discussion and debate on the learnings, opportunities and challenges in passive low energy architecture and design in a rapidly growing world. Within this conference, we will deliberate on the choices we have and the choices we need to make in order to move towards a more sustainable habitat, especially for developing societies and emerging economies.

The local theme of this international conference speaks to the urgent need to reduce energy use in new and existing buildings in cities that are witnessing rapid growth and urbanization. Energy consumption in the building sector is more than one-third of the national energy use in India, and with further growth in this sector, India faces a formidable challenge in reducing its dependence on fossil fuels, natural resources and energy supply infrastructure. Buildings and cities in other emerging economies are also being challenged by such context.

During the course of this conference, deliberations will help us in deploying various dimensions of architectural and design science to help realise buildings, neighbourhoods and cities that have minimal impact on natural resources whilst satisfying the comfort requirements and aspirations of a fast developing society. Under this central theme, the conference will propose a diverse range of topics to understand the role of architectural practice, research and education towards addressing the issues of energy conservation, efficiency and management through design, construction and operational stages of buildings, neighbourhoods and cities.

### Indicative Schedule

- Call for Abstract Opens 14 Oct 2013
- Deadline for Abstract Submission 17 Jan 2014
- Abstract Acceptance Notification 14 Mar 2014
- Full Paper Submission 16 May 2014
- 1<sup>st</sup> Review of papers complete 28 July 2014
- Deadline for Final Paper Submission and Early Bird Registration Begins 29 Aug 2014
- Announcement of Final papers accepted and notification of comments Oral and Poster Presentations 29 Sep 2014
- Final Program and Timetable 14 Nov 2014
- Early Bird Registration End 01 Dec 2014

### About CEPT University and CARBSE

Established in 1962, CEPT University is India's premiere institute imparting education and conducting research in the areas of designing, planning, constructing and managing human habitats. Centre for Advanced Research in Building Science & Energy (CARBSE), at CEPT University, aims at providing impetus for research in energy efficiency in built environment and energy resource management at large. Its objective is to conduct research in the fields of energy efficient building design, energy efficient construction processes, sustainable materials, and resource audit and management. The Centre has been awarded the status of a 'Regional Energy Efficiency Centre' on Building Energy Efficiency by the USAID ECO-III program and 'Centre of Excellence' by the Ministry of New and Renewable Energy, Government of India. CARBSE is supported by Gujarat Energy Development Agency, industry and various philanthropic organisations. CARBSE is also leading research from India side under the prestigious US-India Joint Centre for Building Energy Research and Development.

### For further information

Please visit website : <http://www.plea2014.in>