



from **April 25th** to **28th, 2006**

at Ecole Nationale d'Architecture
de **Paris La Villette**

144, av. de Flandre 75019 Paris

Sustainable Built Environment : an indian experience

Approaches and practices overview

> **EXHIBITION**

*pedagogic and professional experiences in India
from 25th of April to 5th of May 2006*

// 10 a.m to 8 p.m /

OPENING *tuesday the 25th of April // 8 p.m /*

> **ROUND TABLES**

*six projects, debates with indian architects
the 25th and 26th of April // 5 to 8 p.m /*

infos: www.archidev.org

contact: +33 1 46 07 43 20



Sustainable Built Environment : an Indian perspective

Approaches and practices overview

Ecole d'Architecture Paris La Villette
144, avenue de Flandre, 75019 Paris

Paris, April 25th - 28th, 2006

■ **In a fast growing urbanized and globalized world, dealing with Sustainability seems the least we could expect from stakeholders and policy makers while planning our cities. But are we able to address this challenge simultaneously in western countries and in the developing world?**

Just by looking at the variety of tools and indicators to measure green buildings or development projects, we understand the complexity of designing a conceptual framework that would address the social, cultural, institutional and economical factors affecting the making of sustainable cities.

In an emerging country like India, the reasons and conditions for building sustainably appear to differ from the European views: in a context of urban sprawl and poverty, poor infrastructure or disaster mitigation, India's priorities for sustainability cannot be but scarce and pragmatic. We may all agree about the need (and necessity) for a sustainable built environment for all, but when it comes to strategies and implementation, one finds it very puzzling to be efficient at a global scale.

■ **An approach to create the conditions of deep understanding and action taking is to promote mobility and sharing of knowledge and practices among the Sustainable Built Environment (SBE) stakeholders.**

Ecole Nationale Supérieure d'Architecture de Paris La Villette and Architecture & Développement (a french NGO) have implemented such programmes recently with various partners and will showcase their experiences between academia, professionals, and civil society. This series of events is meant to demonstrate the existing and promising potential of partnerships to enhance the sustainability initiative through cooperation projects between Europe and India.

■ The programme will highlight the results of two ongoing programs funded by EU :

Be!Sharp¹ is an exchange platform on SBE between professionals, academia and Non-Governmental Organizations. It facilitates pooling of competencies and research on SBE practices.

Sustainable Humane Habitat is an academic cooperation project under Asialink program implemented between four Indian and French schools of architecture focusing on Sustainable Humane Habitat and curricula improvement.

■ **Multiple objectives for several audiences**

- Enables NGO and SBE firms to understand the process and the benefits of Indo-Europeans exchanges.
- Circulate realizations from exchange programs and workshops to students and young professionals who would like to get more familiar with sustainable development situation in Asia.
- Give feedback and know-how to architecture schools on pedagogical cooperation applied to Sustainable habitat.

¹ Built Environment and Sustainable Habitat Architecture Partnership

Project presentation and debate

Framework and practices in SBE projects

TUESDAY **april 25th**

- 4.45 pm **Introduction to the social and development context in India**
Basudeb Chauduri, CEIAS (South Asia and India Study center)- EHESS (High school of social science) and **Ludovic Jonard**, general delegate Architecture and Development, France
- 5 - 8 pm **Water infrastructure in Urban India: commodify or communitize?**
Chandreshekar Hariharan
- Decision making and knowledge development for sustainable project and processes: two initiatives in rural habitat.
Zeenat Niazi
- Disaster rehabilitation, giving direction to sustainable development
Sandeep Virmani
- With the panelists **Régis Maubrey**, Consultant, Greenway, **Marc Gossé**, professor, La Cambre University, Belgium, **Christian Binetruy**, architect and urbanist
- 8.15 pm **Cocktail and Exhibition opening**
In presence of professors and students from the SHH Asia Link project from ENSA Paris la Villette.

WEDNESDAY **april 26th**

- 6 - 9 pm **Urban renewal and sustainability: Mill lands in Mumbai**
Arvind Adarkar
- Urban Management and Planning - Challenges with changes in Development Paradigms
Anjali Mohan
- Impact of norms and regulation framework on SBE development
Mili Majumdar
- With the panelists **Raphaële Heliot**, head of Réseau Francilien pour la Construction Environnementale, **Gilles Olive**, president, Club D2C pour le Développement Durable du Cadre de vie bâti, **Pierre Cadot**, Architect, three years in Ahmedabad for the renovation of the historic center.
- John D'Souza**, head of Centre for Education and Documentation, **Rohit Shinkre**, architecte from Mumbai Academy of Architecture and **Radha Khunke**, Chief executive, Architecture & Développement India will also partipate to the debate.

Speakers

Zeenat Niazi

Development Alternatives

Ms. Niazi is program director for Rural Habitat in Development Alternatives, a non-profit organization creating large-scale sustainable livelihoods in India since 1983. She extensively works in the field of habitat processes and housing technology since sixteen years. She undertook several projects in both normal and post-disaster situations, favoring the dissemination of large-scale environmental friendly housing technology in rural and urban areas. She designed and supported Ashraya's project of houses reconstruction further to the cyclone Orissa - nominated as a best practice by the 2002 Dubai International Awards. Zeenat Niazi is currently supervising three post-Tsunami rehabilitation projects in south India. Through her involvement to several programs and knowledge platforms, she is devoted to the decision-making and selection of appropriate construction systems by stakeholders of habitat projects, especially for rural housing.

Mili Majumdar

Tata Energy and Resource Institute (TERI)

Ms. Majumdar is an architect with 14 years of experience in the field of energy and environment with special emphasis on sustainable development of habitat. Principally heading TERI™s Sustainable Habitat portfolio, she is currently involved in the strategy, design and planning of energy development initiatives in post disaster areas, rural poor and urban communities. For the past four years, her responsibilities of team leader include business development, project management, monitoring, cost control, coordination and team collaboration. As a member of several national and regional level expert committees, she made significant contribution in development of relevant codes and standards in the country and successfully enabled energy efficiency and renewable energy integration in several construction projects in the country.

Anjali Mohan

Habitat Forum

Specialized on urban and regional planning and urban finance, Ms. Anjali K. Mohan has been working as a planner for the last 13 years. During these years, she has been actively involved in assignments, individually or among multi-disciplinary teams, related to infrastructure, governance, social and economic assessments of development projects, poverty analysis, training and capacity building; design, compilation and execution of training manuals and handbooks supported with corresponding research. Ms. Mohan is also a qualified Part Time Trainer with the Environmental Training Institute (ETI), DANIDA and has delivered several training programmes for both the government and the non-government sector, related to issues of urban and regional planning and governance. She has also, as a consultant, conducted workshops towards capacity building and training of a varied group of stakeholders involved in the process of Urban planning, management and development.

Arvind Adarkar

Adarkar Associates

Professor Arvind Adarkar is an architect by profession under the name and style of the firm Adarkar Associates for the last 30 years. He has been also teaching for the last 25 years at Rachana Sansad's Academy of Architecture, Mumbai. He is, at present, a professor and design chair. He is also an urban researcher and follows the issues of the Mumbai city very closely. He has written a lot of papers and articles on the issues of the city and wrote a column in the local Marathi newspapers for a year on these issues. He has been strongly associated with social movements and has closely worked with displaced tribals and peasants in the Narmada Valley on the issue of the Sardar Sarovar Dam Project. He has also worked with the textile mill workers on the issues of Mills Land.

Chandrashekar Hariharan

BCIL and Alternate Technology

Mr. Hariharan has presided for twelve years over practical application of technologies that promote sustainable management. He is head of Alternate Technology Foundation and also serves as an Urban water supply development consultant for the ADB, Manila. This organization provided technical consultancy for the Nagaland government in 2003-2004 to masterplan ecotourism infrastructure for an historic Naga village and for the department of Tourism, in Kerala. He is also Strategy Director for an alternate enterprise, BCIL (Biodiversity Conservation India Limited) which promotes conservation. BCIL has created several community-based and developed residential enclaves that offer alternate solutions for urban living. 250 eco-conscious homes have been built in seven campuses, and BCIL plans to build another 150 homes in the next 12 months. BCIL has built over a half a million square feet of green buildings in Bangalore, Mysore, and Coorg. He is also editor of Crossover, an alternate journal dedicated to mainstreaming development.

Sandeep Virmani

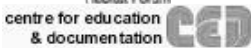
KHNA & Hunnarshala

Established since sixteen years in the Kutch region, Sandeep Virmani took profit from this remote and arid district conditions to gain global/holistic understanding on the fields of water harvesting, organic agriculture, renewable energy, nomads' living conditions, sociology and rights defence.

Executive secretary of Sahjeevan, he developed projects such as decentralized administrated water pumping systems in villages and towns or communities environmental rights defence regarding industrializations.

He is the managing director of Hunnarshala foundation (HSF) since its creation in 2003. This organization facilitates self-sustaining housing for the poor, favour artisans' involvements in mainstreaming buildings and promote local eco-friendly and cost-effective material sand technologies like earth and sewerage recycling. HSF has worked in disaster rehabilitation in India, Iran, Indonesia and Afghanistan. They provided technical guidelines and training to engineers and artisans as well as policy making for governments. Sandeep Virmani designs and guides the disaster rehabilitation and natural resource development programs in KNNNA. Kutch Navnirman Abhiyan (KNNNA), created in 1998, is a network of 27 NGOs, of Kutch working on policy, capacity building and natural resource management programs.

Be!sharp partners



GREENWAY International

Financial sponsors



ASIA-LINK



SHH partners



Exhibition

april 25th - may 5th
10 am – 7.30 pm

Two programs have been recently undertaken in order to promote the idea and the use of SBE among students in architecture and academics and among professionals:

Under the Asia Link program “Sustainable Humane Habitat in developing contexts”, two Indian-European workshops will be displayed: **Mumbai slum rehabilitation and resettlement and incremental housing development in Pune.**

Two joint academic teams are involved under this program, the School of Architecture Paris La Villette and Rizvi College of Architecture (Mumbai). The exhibition will reflect the teaching methods, oriented towards integrating social and environmental issues to analyse the situation and context to get down to the project’s program and design

In parallel, the exhibition will display BeSharp’s SBE projects handled by young professionals (Internship Exchange Program) hosted in SMEs and NGOs in order to gain experiences. They participated to on-going projects on **historic renovation, post-disaster, water-management, bio-climatic buildings and social habitat.**

Some of the recognized practitioners among the speakers will also exhibit some projects. Development Alternatives on the theme of **linking rural families to technical and credit services in Maddhya Praddesh**; BCIL on alternative **water recycling and T-Zed “rurban” homes with autonomous energy cycle.**

Access map

Amphitheater 11 (for presentation sessions) and exhibition hall from the National School of Architecture from La Villette

Metro station : Corentin Cariou or Crimée (line 7, direction La Courneuve).

