



# Housing Development & Management Newsletter

August 2003

## Building issues

The two new Building issues accompanying this message are *Tendering of New Small and Medium-sized Institutional Buildings* by Tor Forsman and *Urban Traffic and Transport* by Hans Örn.

For more reading on traffic and transport, Sida's policy for urban transport can be downloaded from the website <http://www.sida.se/Sida/articles/8200-8299/8264/urbtra.pdf>

Almost all previous Building Issues are on our website, and you can print your own copies. You might need to download the Adobe Reader, which is free. There is a link to the latest version on the website.

## Courses

### Master of Science Programmes

These programmes are a joint project of HDM and the Institute for Housing and Urban Development Studies (IHS).

#### *Urban Housing Management UHM*

The Steering Committee met in Lund at the end of June and approved research proposals submitted by participants in the fourth course. They will conduct field research during July and August and return to either Lund or Rotterdam to write their theses under the guidance of assigned tutors.

The fifth course will begin in September with 25 participants and one HDM alumni: **Bob Eko Kurniawan** AD01 from Indonesia. There were about 80 applications.

#### *Housing and Inner City Revitalisation*

HDM taught this programme in Lund for the first time in 2003. The participants travelled from Rotterdam with the UHM course. HDM has agreed to continue to teach the specialist modules for the next course.

One of the special guest lecturers on the course this year was **Cristina Peña** AD97 who talked about her work with rehabilitation of the historic centre of Quito, Ecuador.

## Housing & Development

A follow-up course will be held at Kafue Gorge Regional Training Centre, south of Lusaka, 12–17 October 2003. Applications are invited from all “graduates” of Housing & Development/ Architecture & Development.

## Architecture, Energy & Environment

Out of 101 applications 25 have been invited to participate in AEE2003 in September–October. **Hans Rosenlund** has this year extended the e-learning component to include a post-course module – an on-line seminar where individual *Action Plans* for implementation of the newly acquired knowledge at the participants' workplaces will be reported and followed up.

## Promesha

Phase 4 of the programme is coming to an end in the end of 2003. Phase 5 is now being planned in collaboration with all the national counterparts (Bolivia, Peru, El Salvador, Nicaragua, Guatemala, Honduras and Ecuador) and HDM.

A planning and coordination meeting of the national counterparts took place in Lund during 12–16 May 2003. Participants included **Nestor Guzman** and **Sonia Jimenez** AD96, Bolivia; **Virgilio Poveda Muñoz**, Ecuador; **Elizabeth Murcia**, El Salvador; **Sandra Drummond Lewis** AD97, Guatemala; **Mario Martin**, Honduras; **Ninette Morales**, Nicaragua; **Gustavo Riofrio**, Peru; and **Eloisa Ulibarri**, Costa Rica.

In order to learn from the experience of the last eight years, Sida has commissioned a team to evaluate the programme.

**Christine Wamsler** is doing an internal evaluation of the regional course in Cochabamba to analyse the design, content and participants of the regional courses in relation to the overall aim of the programme.

## International Course

### **Organized Self-help Housing (OSH)**

Applications are being accepted for the third course to be held 19 January–11 February 2004 in San José, Costa Rica.

## Regional Course

The regional course of 2003 will be arranged in Cochabamba, Bolivia, 20 October – 12 December.

The course is arranged by the Promesha partner Instituto de Investigaciones de Arquitectura, Universidad Mayor de San Simón and coordinated by **Sonia Jiménez Graciela Landaeta** AD92 is the HDM representative.

## Workshops

A National Housing Workshop on *Diseño y Evaluación de Políticas Habitacionales a Nivel de los Gobiernos Locales* was

organized in Cochabamba, Bolivia on 31 March – 4 April 2003. The workshop was organized by IIA-UMSS and **Graciela Landaeta** as the HDM representative.

A National Housing Workshop on *Evaluation and Planning of Housing Projects* was held in Antigua, Guatemala, 16–21 June 2003. It was arranged by MejorHa, the new national counterpart in Guatemala. MejorHa is headed by the Guatemalan coordinator **Sandra Drummond** AD97. It was an intensive six days of presentations and group work with participants from different NGOs and universities in Guatemala as well as from private sector. There were also participants from the neighbouring countries El Salvador and Honduras as well as from Bolivia. HDM staff participating were **Carlos de la Espriella** AD94 AEE02 and **Laura Liuke**.

*Asistencia técnica en densificación de vivienda* is the title for the national workshop that runs 18 – 23 August in Lima, Peru and deals with the processes of densification in the popular settlements and provides capacity building for professionals involved in these processes. The workshop is organized by the PROMESHA national counterpart DESCO in collaboration with FAUA-UNI. **Johnny Åstrand** is the HDM coordinator/representative for this workshop.

The national workshop *Tecnologías para la Producción de Conjunto Habitacionales. En apoyo al fortalecimiento de las capacidades locales en el campo de la gestión habitacional* will be held in Managua, Nicaragua 1–6 September. The workshop that is co-organized by HABITAR and PEUT-UNI in Nicaragua deals with different production technologies for housing settlements, including the aspect of public participation in different production phases. The visiting lecturers confirmed for the workshop are **Rachelle Navarro Åstrand** AD95 IST96, who did her PhD on different construction systems in the Philippines, and **Mario Lungo** from El Salvador. **Laura Liuke** is the HDM coordinator/representative for this workshop.

### National Housing Policy Seminars

A National Housing Policy Seminar *El fortalecimiento del Sector Vivienda en Guatemala: su Institucionalización* was held in Guatemala City, Guatemala on February 13 and 14, 2003. It was planned and implemented by MejorHa. **Carlos de la Espriella**, **Laura Liuke** and **Johnny Åstrand** participated.

A Housing Policy Seminar on the theme *En el apoyo a la construcción social de la política habitacional* was arranged by HABITAR and PEAUT-UNI in Managua, Nicaragua on 17 – 18 February, 2003. **Carlos de la Espriella** and **Laura Liuke** participated.

On July 15, 2003 the next Housing Policy Seminar took place in El Salvador. It was arranged by FUSAI and had the theme *Mecanismos de financiamiento para el acceso universal a la vivienda en El Salvador*. **Laura Liuke** was there and **Mario Francisco Peña** AD01.

On 21–22 August, 2003 a housing policy seminar on *Políticas de vivienda en la cuneca del Guayas* will take place in

Guayaquil, Ecuador, organized by IPUR-UCSG. **Carlos de la Espriella** will attend.

## Other Activities

### Morocco

The project has come to its end. The cooperation with the National Laboratory for Tests and Studies (LPEE), which started in 1997, dealt mainly with the relationship between urban building density and outdoor climate and human thermal comfort. Field measurements of the urban microclimate took place in different neighbourhoods in the city of Fez and recommendations for climate-conscious urban design in a hot dry climate were presented. Other components of the project were a preliminary definition of climatic zones for Morocco, simulation-based recommendations for requirements of thermal performance for dwellings and proposals for new thermal insulation materials. LPEE was represented by **Mohamed Mraissi** AEE97 throughout the project.

The last activity was the regional seminar held in Casablanca on February 26 and 27, 2003, which was attended by about 50 participants including experts from Algeria (**Rafik Bensalem** AEE97) and Tunisia. The project report *Climat & Urbanisme – La relation entre le confort thermique et le cadre bâti* is published as HDM Report 8 and can be ordered from HDM. HDM staff attending the meeting were **Djamel Ouahrani**, **Erik Johansson**, **Johnny Åstrand** and **Karin Grundström**.

### Tunisia

**Djamel Ouahrani** has begun a field evaluation of a youth centre in Tozeur in cooperation with Agence de Réhabilitation et de Rénovation Urbaine. The study will take 18 months, to cover a full climate cycle, and looks at indoor comfort of the building in use. The building was designed by Hans Rosenlund on the principles of passive climatization. There is a description of the study in French through Djamel's personal page on the HDM website.

### PhD Research

**Karin Grundström** AEE96 is doing a PhD on Gender Aspects in Housing and Urban Planning.

The built environment is one of the key factors to promote economic development, productive activities and health. The shelter and the settlement constitutes the total living environment for poor women in developing countries; to promote their economic and social possibilities, their needs and demands must find expression in the built environment. To achieve an equal and sustainable society both women and men have to participate in the design of our homes and neighbourhoods.

The research will deal with women as users of shelter and urban space and how the organisation and design of space can improve women's lives and living-conditions. How do

women use urban space – for shelter/living, and income opportunities, for productive activities, for social communication, recreation, spare-time and cultural activities, for travel; is the environment healthy and safe for women and their children? How can women's views on existing urban areas be analysed to increase knowledge on how to plan and design settlements/urban areas more appropriately for how women organise their lives.

Gender aspects, as a research field, in urban planning and housing is not a well-known area, even though research has been conducted for the last seventy years. The area is still very male-dominated and little or no attention is given to the relation between women's living conditions and the built environment.

The overall aim of the research is to develop a gender-sensitive method concerning shelter and urban design and assessment that can improve and support the daily life of urban women. The objective of the research is also to study how women use public space and to analyse how the organisation of urban space influences women's lives and living conditions.

Three countries will be compared: Costa Rica, Tunisia and Sweden, with the aim to compare the living conditions of women in different cultures in relation to housing and urban planning.

**Erik Johansson** is continuing his doctoral research on the relationship between urban design and microclimate in outdoor spaces. The built environment has proven to have a big impact on the climate around buildings and consequently influences outdoor comfort, indoor comfort and energy use. The aim is to provide guidelines for climate-conscious urban planning and design. A first field study was conducted in Fez, Morocco (see above), which has a hot dry climate. A second study in a hot humid climate was conducted recently in the context of a cooperation between HDM and the Department of Architecture at the University of Moratuwa (**Dr Rohinton Emmanuel** AEE99).

A study on the urban climate in Colombo was conducted in May 2003 and included climate measurements at six sites with varying land use in the Colombo area. Parallel to the climate measurements interviews were made with urban planners and architects (including **Prasanna Silva** AD98) involved at different levels of the planning process.

This was the first visit of HDM to Sri Lanka. A get together party was organized by **Rohinton Emmanuel** which gathered **Neluka Senanayake** AEE02, **Varuna de Silva** HD02, **Rukmal Kathriachchi** AEE99, **Gamini Weerasinghe** AEE98, **Malinda Anthony** AEE02, **RPLM Muniratne** AEE01, **Maya Gamage** AEE00 and **Dharshini Gamage** AEE00. During his visit in Colombo Erik also met Prof. **Chitra Weddikkara** ICM98.

**Christine Wamsler** started her PhD research in March 2003 with the title *Preparing Settlements for Disasters*. It focuses on local disaster risk management (DRM) for low-income settlements, analyzing the role and potential of

mitigation and preparedness as a tool for reducing risks of natural disasters in the field of housing and urban planning.

The damage caused by disasters and conflicts is staggering – especially in less developed countries. Besides the worldwide rise of disasters, more and more people, actually more than 1,2 billion worldwide, are forced to accept inhuman and dangerous living conditions. Reasons include the lack of living space, rapid urbanisation and poverty.

Measures to prevent and decrease consequences of natural disasters have become prime importance for housing projects. The research aims to explore and demonstrate the potential role architects and urban planners can play within this relatively new field of work. Therefore, the objective is to examine and define the possible activities of DRM that are directly related with low-income housing and urban planning in less developed countries and to provide knowledge, methods and tools to face the new challenges. The regional focus will be Central America as well as the Philippines.

The research will be done in cooperation with UN-HABITAT, specifically with the headquarters of Latin America located in R o de Janeiro, as well with IDRIM (International Institute for Disaster Risk Management) in Manila, Philippines.

## PLEA

The next *Passive and Low Energy Architecture – PLEA* conference will be in Santiago de Chile in November 2003, and the theme is *Rethinking Development*. **Hans Rosenlund** has submitted a paper on education for climatic design.

## Alumni

We have tried to locate all AD/HD alumni in connection with the follow-up course in Zambia, so most of the news comes from them. We hope we can work with the other courses soon, so please send us your news, addresses and email corrections.

**Annette Jere** visited Zambia in May to plan the follow-up course. The first stop was Copperbelt University in Kitwe, where **Bernard Mabo** AD95 OSH02, **Paul Makasa** AD97 and **Cosmos Longwe** IC99 teach. HDM will work with the Urban Management Unit at Copperbelt University in arranging the course. In Lusaka she met **Judith Situmbeko** and **Noel Kalimukwento** both OSH 03 and both working at the Lusaka City Council. The self-help housing manual they drafted during the course has already been tested by a number of organizations in Lusaka. **Lawrence Spider Musonda** AEE99 OSH02 was spotted in the corridors of the council.

**Agustin Adarve** AD93 ICM95 is now general manager for a large infrastructure relocation housing project for 580 families located in a war isolated tropical region. "We developed usefully LCHS planning and management tools, involving people in decision making process, infrastructure works (sanitation sewage, water systems etc), using appropriate technologies, environment integration, and a very

strict budget control system.” He also works with energy saving projects for tropical areas, using advanced natural ventilation systems.

**Thinley Penjore** AD99, one of the two alumni from Bhutan (the other is **Birkha Bahadur Gurung** ICM99) writes: “I am now working in an entirely different organization than the one that I used to work at the time when I attended the course in A&D during 1999. I am now in a more appropriate field, that is, housing and urban planning and work for the Thimphu Municipal Corporation. I was appointed as Urban Planner after the completion of my Masters Degree in Urban Ecological Planning in Norway in June 2002.”

**Brenda Joy Daniel** AD97 is in Sri Lanka for at least the rest of 2003. Her husband is on assignment with UNDP.

**Shamile Manie** OSH03 helped us find **Astrid Wicht** AD99. Astrid writes: “I am working on my own in association with other architects, NGOs, and in partnership with community based organisations and local authorities around developmental participatory processes providing low income housing and community buildings. I also run training programs with local authorities / ngos / housing practitioners around the built environment – sustainable housing / settlements and community housing construction programs, and am developing some programs with Habitat for Humanity for schools.

**Wu Wei** HD02 was recently named Vice Director, Economic & Trade Bureau, Pudong New Area, Shanghai. Pudong New Area covers over 500 sq km and is a complete urban area with an emphasis on trade and export.

**Seyed Morteza Salimabadi** AD01 has moved to the Governor General’s Office, Tehran. As head of the Technical Office for Tehran province, he works with 39 municipalities. He is responsible for checking buildings that have been reported for violating building codes. “In this connection, I am very happy that I attended the training course in Architecture and Development as it helped me a lot in my job. And wherever I am invited for the meetings, I always talked about my training there so I could adopt them in my country too.”

**Fernando Chavarría** AD95 wrote to ask for the email to **Amrit Man Tuladhar** ICM95. Unfortunately we have “lost” him. If anyone (in Nepal?) is in contact with Amrit, ask him to write home and tell us what he is doing.

**Patricia Bermudez** AD96 IST96 AEE01 finished her studies in Spain and is returning to Colombia this summer.

**Ni Kenney** (Qin Ni) AD97 lives in Virginia and has offered to manage a website for 1997 alumni. Contact her directly at qinn@yahoo.com. **Demissachew (Shiferaw)**

**Belayneh** AD99 moved to Boston after completing his PhD in Germany in 2000. He is working for an architecture consulting company. **David Sundersingh** AD95 moved from India to Ohio several years ago, and was also working as an architect.

**Philip Muchungu** ICM98 contributed the following: “I started my own consultancy firm in construction project management and cost engineering in April 2003. Our area of operation at present covers the Eastern African region and we are looking forward to extend to Central and Southern Africa through association.

“In the course of last year, I was able to stay in Wimbledon, London, courtesy of **Lise Lilleby** AD98 and in Toronto, Canada where I met **Hector Tuminan** AD98. This year **Ivars Gaters** AD98 from Latvia visited Nairobi, Kenya for an international Habitat conference. Ivars is no longer the Architect from Riga City as he is known to most alumni, but became a politician and is now the Minister of Local Government and Urban Development in Latvia.

“My wish and hope is that a course can be conducted in this region, similar to that in Costa Rica, so that we can assist in organizing, as our minimum contribution of having enjoyed other people’s effort. Last and not least I would wish to send my warm regards to all staff and alumni.”

## Contact HDM

Please send us your news and correct address.

Email addresses to HDM staff are in the form:

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with the exceptions shown in parenthesis.

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