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Newspaper of the Holcim Foundation for Sustainable Construction for employees of the Holcim Group



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A competition that spans the globe: Ashok B. Lall, head of the jury for Asia Pacific, at the Awards ceremony in New Delhi.

The second regional Holcim Awards for Sustainable Construction have been presented. At ceremonies in Madrid, Montreal, Mexico City, Marrakech, and New Delhi, the best 52 of about 5,000 submitted construction projects and visions for a sustainable future were recognized. A total of 1,680 guests attended the five two-day events. The highlight of the first day of each event was the ceremony. On the second day excursions to local examples of sustainable construction were conducted. The program offered a variety of opportunities to make new contacts and talk with customers and other key stakeholders.

The host Group companies displayed great dedication and helped frame the events in the best possible light. The events reinforced the reputation of Holcim as a competent partner and strengthened the image of the Group as one that is strongly committed to sustainability. Many Group companies are now conducting follow-up events with Awards winners: the potential generated by the Holcim Awards as a networking platform is impressive.

Regional Holcim Awards 2008:

The Holcim Awards competition is as globally encompassing as sustainable construction itself. The map shows the sites on which the prize winning projects and visions have been envisaged. For detailed information on all winning entries see: www.holcimawards.org.

North America

- 1 Solar 2 Green Energy, Arts and Education Center, New York, USA Holcim Awards Gold*
- 2 Self-contained day labor station, San Francisco, USA Holcim Awards Silver*
- 3 Living with Lakes Center for freshwater restoration and research, Sudbury, Canada Holcim Awards Bronze*
- Evergreen Brick Works heritage site revitalization, Toronto, Canada Acknowledgement prize
- Minimal-impact North Vancouver Outdoor School, Canada Acknowledgement prize
- Strategy for environmentally-friendly integration of beehives, Detroit, USA Acknowledgement prize
- Microstructure research for building skins, Cambridge, USA "Next Generation" 1st prize
- Residential density for urban spaces, Toronto, Canada "Next Generation" 2nd prize
- Responsive urban downtown activity center, Boston, USA "Next Generation" 3rd prize

Latin America

- 4 Urban integration of an informal area, Medellín, Colombia Holcim Awards Gold*
- 5 Low-energy university mediathèque, Rio de Janeiro, Brazil Holcim Awards Silver*
- 6 Solar water heating and rainwater tower, Florianópolis, Brazil Holcim Awards Bronze*
- Ecological river remediation park, Morelia, Mexico Acknowledgement prize
- Energy-efficient medical and social center, São Paulo, Brazil Acknowledgement prize
- Mountain trail for land preservation and urban demarcation, Bogotá, Colombia Acknowledgement prize
- Multi-modal transport hub upgrade, Rio de Janeiro, Brazil Acknowledgement prize
- Post-earthquake reconstruction, San Lorenzo of Tarapacá, Chile Acknowledgement prize
- Sanitation and river remediation, Tuxtla Gutiérrez, Mexico Acknowledgement prize
- Coastal fog-harvesting tower, Huasco, Chile "Next Generation" 1st prize
- Eutropia low-cost and space-efficient social housing, Mexico City, Mexico "Next Generation" 2nd prize
- Agriculture facility for inner-city voids, Campinas, Brazil "Next Generation" 3rd prize

Europe

- 7 Contextual government quarter development, Budapest, Hungary Holcim Awards Gold*
- 8 Temporary urban extension in a former landfill, Maribor, Slovenia Holcim Awards Silver*
- 9 Autonomous alpine shelter, Monte Rosa hut, Switzerland Holcim Awards Bronze*
- Culturally-responsive urban village, Belgrade, Serbia Acknowledgement prize
- Low-cost residence on industrial site, Ghent, Belgium Acknowledgement prize
- Office building with green hypercore, Milan, Italy Acknowledgement prize
- Waterfront reclamation and remediation, Southern Italy Acknowledgement prize
- Production and ecological cluster, New Haven, UK "Next Generation" 1st prize
- Urban greening and economic catalyst, Madrid, Spain "Next Generation" 2nd prize
- Self-sufficient rural community, Paimio, Finland "Next Generation" 3rd prize

52 winners from 28 nations

Africa Middle East

- 10 River remediation and urban development scheme, Fez, Morocco Holcim Awards Gold*
- 11 Low-cost school and home for HIV orphans, Rakai, Uganda Holcim Awards Silver*
- 12 Lighthouse tower with low-carbon footprint, Dubai, UAE Holcim Awards Bronze*

Asia Pacific

- Low-impact environmentally-responsive house, Cape Town, South Africa Acknowledgement prize
- School infrastructure from local resources, Vele and Vryheid, South Africa Acknowledgement prize
- Stabilized earth visitors' center, Mapungubwe National Park, South Africa Acknowledgement prize
- TunaHAKI integrated theater and orphanage, Moshi, Tanzania Acknowledgement prize
- Xeritown responsive urban planning strategy, Dubai, UAE Acknowledgement prize
- Amphibious dwellings in informal settlements, Lagos, Nigeria "Next Generation" 1st prize
- Dune anti-desertification architecture, Sokoto, Nigeria "Next Generation" 1st prize
- Waterfront sustainable development concept, Mombasa, Kenya "Next Generation" 3rd prize
- 13 Sustainable planning for a rural community, Beijing, China Holcim Awards Gold*
- 14 Low-impact greenfield university campus, Ho Chi Minh City, Vietnam Holcim Awards Silver*
- 15 Energy-efficient office complex, Hyderabad, India Holcim Awards Bronze*
- Advocacy of traditional earthquake-resistant construction, North-West Frontier Province, Pakistan Acknowledgement prize
- Dongtan Eco-City urban concept, Shanghai, China Acknowledgement prize
- Low-cost low-maintenance school extension, Bangalore, India Acknowledgement prize
- Revitalization and relocation plan for Ghost City, Fengdu, China Acknowledgement prize
- Heart of Suzhou Creek ecosystem revitalization, Shanghai, China "Next Generation" 1st prize
- Realizing solutions for the redevelopment of Dharavi, Mumbai, India "Next Generation" 2nd prize
- Low and dense urban elements, Shanghai, China "Next Generation" 3rd prize

*Nominee for global Holcim Awards 2009

And the winner is...



The steps of judging: studying...



...sorting...



...communicating...



...presenting...

Probably the most important background work in the Holcim Awards competition is done by the independent juries. In five world regions, their task was to identify the best of a great many projects.

At each of the Awards ceremonies USD 270,000 in prize money was presented. This sum underscores the great responsibility that the Holcim Foundation entrusted to the regional juries. Each expert committee comprises renowned specialists in the fields of architecture, engineering, and allied disciplines. Leading the jury selection were the Technical Competence Center (TCC) of the Foundation at the Swiss Federal Institute of Technology, Zurich, and the partner universities of the Foundation.

Above all a quantitative challenge

The challenge of identifying the best projects among all entries was literally enormous. A total of nearly 2,000 projects were investigated in detail. The other submissions had been previously eliminated because they failed to meet the formal criteria of the competition. Working in groups, the jury members screened entries, selected the best, and presented them to the full jury. Then discussion began: Which are in fact prize-worthy? How should one weight the work of the architects, engineers, and urban planners? What is especially important in this world region?

The juries based their assessments on the “target issues” for sustainable construction developed by the Holcim Foundation. These five criteria address the “triple bottom line” of economic, environmental, and social sustainability, but also consider architectural quality and contextual appropriateness, and the potential gains of broadly applying the innovative ideas.

Every prize-worthy project scrutinized

The decisions of the juries – made at two- to three-day workshops at the campuses of the partner universities in Zurich, Cambridge, Mexico City, Johannesburg, and Shanghai – did not mark the end of the adjudication process.

The nominated projects were each rechecked in detail by the TCC. Competition participants had to substantiate that the facts given in their submission were indeed correct. The juries selected runners-up to replace the presumed winners if need be. Of course, whether projects were eliminated remains secret, like everything the juries discussed behind closed doors.

And now?

With the regional ceremonies, well documented on the following pages, the second cycle of the Holcim Awards competition is not yet at an end. The winners of the regional Holcim Awards Gold, Silver, and Bronze – 15 projects in all – are automatically qualified for the global phase of the Holcim Awards competition. In March 2009 the global jury will meet in Zurich. The jury’s decisions will be announced on May 8, 2009.

Members of the global jury are
(for details see www.holcimawards.org/global):

- Charles Correa, architect/planner, India (head)
- Peter Head, civil engineer, UK
- Enrique Norten, architect, Mexico
- Saskia Sassen, social scientist/economist, USA
- Hans-Rudolf Schalcher, civil engineer, Switzerland
- Rolf Soiron, social scientist, Switzerland
- Achim Steiner, economist/administrator, Kenya



...discussing...



...debating...



...classifying...



... and ranking!

A fitting start



Flamenco dancers created a dramatic mood and local flavor to conclude the event in Madrid.

Holcim Awards ceremony for Europe in Madrid, Spain

The first of the five regional Awards ceremonies took place in Spain and proved to be an ideal curtain raiser. Markus Akermann, CEO of Holcim and Chairman of the Management Board of the Holcim Foundation, led the ceremony as chair of the day. Over 300 guests from more than 20 countries gained illuminating insight into the future of sustainable construction – as well as the culture and architecture of Madrid.



Ideal venue: the former Central Eléctrica del Mediodía power station transformed into Caixa Forum by the Swiss architects Herzog & de Meuron.



Esperanza Aguirre, president of region of Madrid and former President of the Spanish Senate and Minister for Education, Culture and Sports, received from Markus Akermann a gift of gratitude for her engaging welcome speech.



Winners of the Holcim Awards for the region Europe from Switzerland, Spain and Hungary (from left to right).



Manuel Marín González, former President of the Spanish Congress of Deputies and long-time member of the European Commission, delivered a speech emphasizing the importance of sustainable construction in Europe.



Harry Gugger, head of the jury for the region Europe, presented the Award-winning projects.



At a media briefing, the Holcim Foundation, the Awards competition and the prize winning projects were presented in detail.



On an excursion on the second day, Architect Rafael de La-Hoz (center) presents the new head office of Telefónica in Madrid, which he designed; to his right: Saverio Banchini, former CEO of Holcim Spain.



Acknowledgement prize
Culturally-responsive urban village, Belgrade, Serbia
Main author: Vladimir Macura, architect, Belgrade, Serbia

Winners in the main category of the Holcim Awards 2008 Europe



Holcim Awards Gold
Contextual government quarter development, Budapest, Hungary
Main author: Peter Janesch, architect, Team0708 Kft., Budapest, Hungary



Acknowledgement prize
Low-cost residence on industrial site, Ghent, Belgium
Authors: Edward Weysen and Lore De Baere, architects, Weysen De Baere, Ghent, Belgium



Holcim Awards Silver
Temporary urban extension in a former landfill, Maribor, Slovenia
Main author: Belinda Tato, architect, ecosistema urbano, Madrid, Spain



Acknowledgement prize
Office building with green hypercore, Milan, Italy
Main author: Hiromi Hosoya, architect, Hosoya Schaefer Architects AG, Zurich, Switzerland



Holcim Awards Bronze
Autonomous alpine shelter, Monte Rosa hut, Switzerland
Main author: Andrea Deplazes, architect, Swiss Federal Institute of Technology (ETH Zurich), Faculty of Architecture, Studio Monte Rosa, Zurich, Switzerland



Acknowledgement prize
Waterfront reclamation and remediation, Southern Italy
Main author: Luigi Centola, architect, Centola & Associati, Salerno, Italy

Captivating show



The winners of Holcim Awards for the region North America – along with jury members, diplomats, and Holcim representatives.

Holcim Awards ceremony for North America in Montreal, Canada

In North America they know how to put on a show, as demonstrated by the ceremony at Montreal – a professional Master of Ceremonies, an impressive bilingual event, a smoothly conducted cultural program. Over 300 guests from six countries enjoyed two stimulating chock-full days – and still found time for lengthy discussions.



Rolf Soiron, chair of the day, Chairman of the Holcim Foundation's Advisory Board, and of the Board of Directors of Holcim Ltd.



A leading global expert in sustainable construction: Kevin Hydes, founding chairman of the World Green Building Council, delivered a speech highlighting the pivotal role of the built environment in reducing carbon emissions and controlling environmental impact.



The entertainment group "Insolita" provided the audience lively breaks during the ceremony.



Adèle Naudé Santos, Dean of the School of Architecture and Planning at MIT, explained, in her function as jury head for North America, the procedure of the competition.



Mayor of Saint-Laurent, Alan DeSousa, welcomed the guests.



After the prizes were bestowed, the winning projects were presented in an exhibition; the winners answered questions and talked with the guests.



Highlight of the cultural program: a tour of "Benny Farm". In the first competition cycle Architect Daniel Pearl (front, left) won the global Holcim Awards Bronze for upgrading this residential development in Montreal.



Winners in the main category of the Holcim Awards 2008 North America

Acknowledgement prize
Evergreen Brick Works heritage site revitalization, Toronto, Canada
Main author: David Stonehouse, urban planner, Evergreen, Toronto, Canada



Holcim Awards Gold
Solar 2 Green Energy, Arts and Education Center, New York, USA
Main author: Christopher J. Collins, executive director, Solar One Green Energy, Arts and Education Center, New York, USA



Acknowledgement prize
Minimal-impact North Vancouver Outdoor School, Canada
Authors: Ron Kato, Larry McFarland and Craig Duffield, architects, Larry McFarland Architects Ltd, Vancouver, Canada



Holcim Awards Silver
Self-contained day labor station, San Francisco, USA
Authors: Liz Ogbu, designer, Public Architecture, and John Peterson, architect, Public Architecture/Peterson Architects, San Francisco, USA



Acknowledgement prize
Strategy for environmentally-friendly integration of beehives, Detroit, USA
Authors: Stéphane Orsolini, architect, and Erika Mayr, engineer, Berlin, Germany



Holcim Awards Bronze
Living with Lakes Center for freshwater restoration and research, Sudbury, Canada
Main author: John Gunn, scientist, Laurentian University, Sudbury, Canada

Temperament and style



Open-air exhibit: presentation of the prize-winning projects in the courtyard of the 16th century building.

Holcim Awards ceremony for Latin America in Mexico City, Mexico

The Awards ceremony in Mexico City was conducted in a venue with particular style: the "Antiguo Colegio de San Ildefonso", a former seminary from the 16th century. The ceremony itself was just as elegant: more than 360 guests from 14 nations experienced prominent speakers, first-class project presentations, entertainment loaded with vitality, and an exciting supporting program.



Chair of the day Markus Akermann in the auditorium of the "Antiguo Colegio de San Ildefonso".



Eloquent head of the Holcim Awards jury for Latin America: José Luis Cortés, Dean of Architecture at the Universidad Iberoamericana (UIA) in Mexico City.



Holcim Awards Gold winners from Medellín, Colombia, accompanied by Ricardo Legorreta, internationally renowned Mexican architect who delivered a speech at the ceremony, jury head José Luis Cortés, Holcim representative Moises Perez, and Daniel Bermudez, member of the jury.



Gerardo Ruíz Mateos, Secretary of Economy of the Republic of Mexico, delivered an address that emphasized the broad potential for sustainable construction to generate tangible change, both social and environmental.



The internationally renowned singer Tania Libertad transformed the dinner following the ceremony into an emotional celebration.



Participants of the excursions on the second day met for a special guided tour in the famous Museo Nacional de Antropología de México.



During the supporting program Jorge Gamboa (right) explained his design for the building Reforma 222 to jury member Hans-Rudolf Schalcher.



Winners in the main category of the Holcim Awards 2008 Latin America

Acknowledgement prize
Energy-efficient medical and social center, São Paulo, Brazil
Main author: Leonardo Shieh, architect, Shieh Arquitetos Associados Ltda, São Paulo, Brazil



Holcim Awards Gold
Urban integration of an informal area, Medellín, Colombia
Main author: Gustavo Adolfo Restrepo, architect, Empresa de Desarrollo Urbano, Medellín, Colombia



Acknowledgement prize
Mountain trail for land preservation and urban demarcation, Bogotá, Colombia
Main author: Diana Wiesner, landscape architect, Arquitectura y Paisaje, Bogotá, Colombia



Holcim Awards Silver
Low-energy university mediatheque, Rio de Janeiro, Brazil
Main author: Angelo Bucci, architect, SPBR architects, São Paulo, Brazil



Acknowledgement prize
Multi-modal transport hub upgrade, Rio de Janeiro, Brazil
Main author: Antonio Carlos Lopes Saraiva, architect, Artetec Arquitetura, Rio de Janeiro, Brazil



Holcim Awards Bronze
Solar water heating and rainwater tower, Florianópolis, Brazil
Authors: Maria Andrea Triana, architect, Roberto Lamberts and Marcio Antonio Andrade, engineers, LabEEE-UFSC, Florianópolis, Brazil



Acknowledgement prize
Post-earthquake reconstruction, San Lorenzo of Tarapacá, Chile
Author: Rene Mancilla, architect, RM-C Architects, Iquique, Chile



Acknowledgement prize
Ecological river remediation park, Morelia, Mexico
Main author: Mario Schjetnan, architect, Grupo de Diseño Urbano, Mexico City, Mexico



Acknowledgement prize
Sanitation and river remediation, Tuxtla Gutiérrez, Mexico
Authors: Eduardo Cruz, architect, LHB Arquitectura, Tuxtla Gutiérrez, Ricardo Muñoz, architect, LHB Arquitectura, Mexico City, and Pablo Velázquez, architect, ADN Arquitectura, Mexico City, Mexico

A colorful event



The ceremony concluded with a banquet and breathtaking show in the dinner theater "Les Folie's de Marrakech".

Holcim Awards ceremony for Africa Middle East in Marrakech, Morocco

Over 320 guests from 24 countries made their way to the beautiful and ancient royal city of Marrakech. At the Palmeraie International Conference Center, guests experienced a colorful event, with Rolf Soiron as chair of the day. The Award winners represented a broad array of cultural groups from Africa and beyond, and the entertainment program offered an exciting mix of traditional and modern elements.



Architect Joe Addo from Ghana was head of the Holcim Awards jury for Africa Middle East.



General Director of Architecture and Urban Planning Abderrahmane Chorfi, delivered an address in which he emphasized the importance of the built environment in achieving sustainable development.



All winners of regional Holcim Awards, accompanied by diplomats, jury members, and Holcim representatives.



Jury members Rachid Benmokhtar Benabdellah (Morocco) and Nina Maritz (Namibia) presented Ahmed Al Ali from Dubai a Holcim Awards Acknowledgement prize.



With a fusion of jazz and the traditional music of Gnaoua, the brothers Souissi and Majid Bekkas lightened the atmosphere between presentations of the various prizes.



The venue at the Palmeraie International Conference Center, full to the brim with attentive guests.



The exhibition after the Awards ceremony gave all guests and winners the possibility to delve further into all prize-winning projects.



Winners in the main category of the Holcim Awards 2008 Africa Middle East

Acknowledgement prize
School infrastructure from local resources, Vele and Vryheid, South Africa
Authors: Steve Kinsler and Derek van Heerden, architects, East Coast Architects, Durban, South Africa, and Gregg Sherkin, program officer, Oprah's Angel Network, Chicago, USA



Holcim Awards Gold
River remediation and urban development scheme, Fez, Morocco
Main authors: Aziza Chaoui, architect, Extramuro LLP, Fez, Morocco, and Takako Tajima, urban planner, Los Angeles, USA



Acknowledgement prize
Stabilized earth visitors' center, Mapungubwe National Park, South Africa
Main author: Peter Rich, architect, Lerotholi Rich Associated Architects, Johannesburg, South Africa



Holcim Awards Silver
Low-cost school and home for HIV orphans, Rakai, Uganda
Author: Koji Tsutsui, architect, Koji Tsutsui Architect & Associates, Tokyo, Japan



Acknowledgement prize
TunaHAKI integrated theater and orphanage, Moshi, Tanzania
Authors: Hollmén Reuter Sandman Architects, Espoo and Helsinki, Finland, and Armstrong + Cohen Architecture, Gainesville, USA



Holcim Awards Bronze
Lighthouse tower with low-carbon footprint, Dubai, UAE
Author: Shaun Killa, architect, Atkins PLC, Dubai, UAE

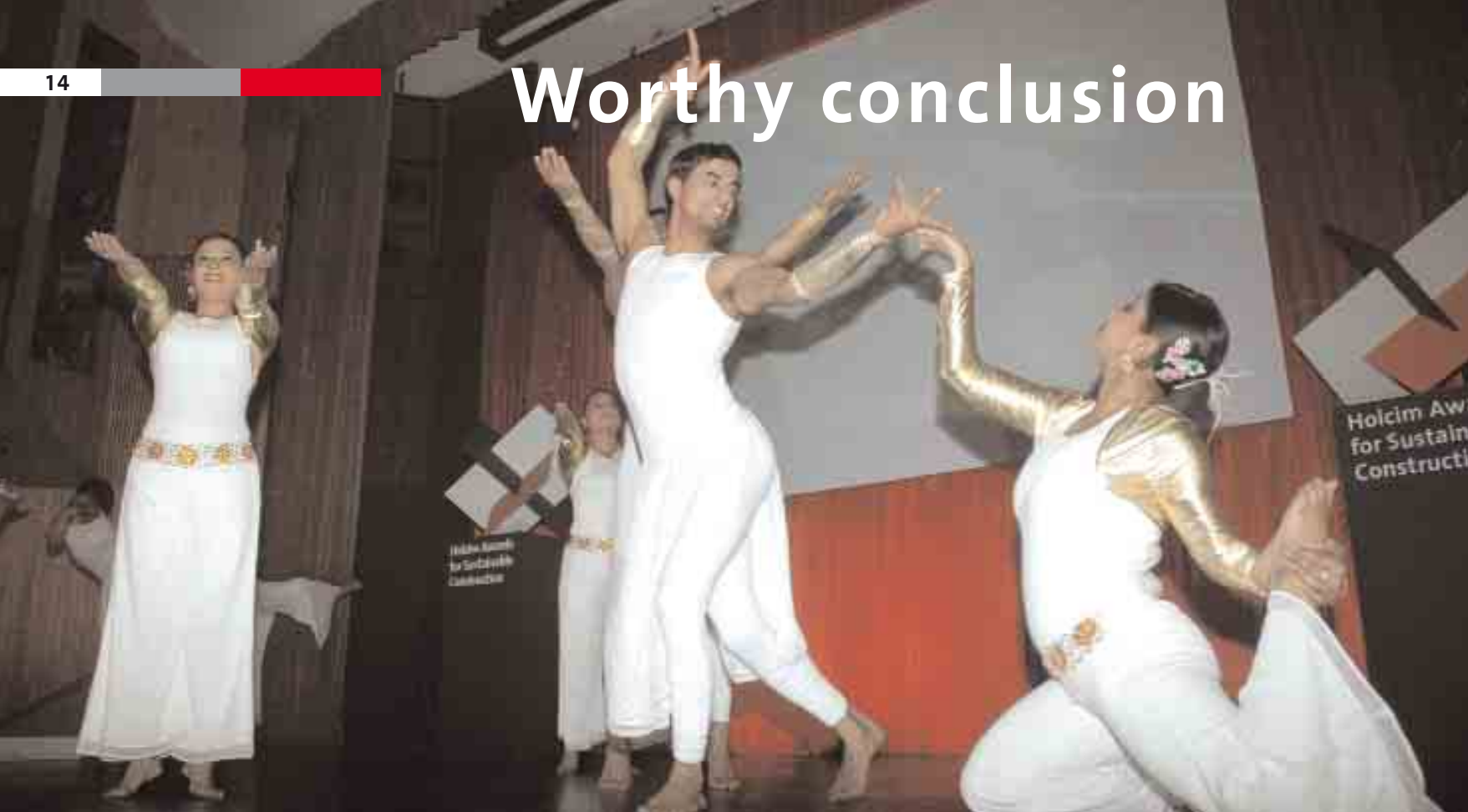


Acknowledgement prize
Xeritown responsive urban planning strategy, Dubai, UAE
Main authors: SMAQ – architecture urbanism research, Berlin, Germany, and X-Architects, Dubai, UAE



Acknowledgement prize
Low-impact environmentally-responsive house, Cape Town, South Africa
Authors: Jessica Tami Cohen and Andrew Justin Cooke, architects, Architecture Co-op, Cape Town, South Africa

Worthy conclusion



During the ceremony the dancers of Sadhya shared their interpretation of harmony.

Holcim Awards ceremony for the region Asia Pacific in New Delhi, India

On the evening of the ceremony in New Delhi the thoughts of many guests were with the victims of the brutal attacks in Mumbai the night before. The Awards presentation in the “India Habitat Centre” and the supporting program were kept modest yet offered the 320 guests from 23 countries an unforgettable experience while forming a worthy conclusion to the series of regional Awards ceremonies.



The “sustainable construction tour” included future-oriented modern buildings and ancient architecture that has stood the test of time: a visit to Qutub Minar, the tallest brick minaret in the world.



In his opening speech, chair of the day Markus Akermann presented a model project to which the Foundation has dedicated a publication: the world headquarters of Development Alternatives in New Delhi (see page 18).



Economist Bimal Jalan, Member of the Indian Parliament and former governor of the Reserve Bank of India illustrated in his speech the vast opportunities for sustainable construction to make a tangible difference in both developing and developed countries.



The winners of Holcim Awards Gold, Silver, and Bronze with Holcim representatives, diplomats, and jury members.



Jury members Mark Lee (USA) and Zeenat Niazi (India) presented the Holcim Awards Acknowledgement prizes.



Ashok Khosla, Founding Chairman of Development Alternatives, President of IUCN and Co-President of the Club of Rome.



At the media briefing the main prize winning projects were exhibited and presented by the authors in more detail.



Winners in the main category of the Holcim Awards 2008 Asia Pacific

Acknowledgement prize
Advocacy of traditional earthquake-resistant construction, North-West Frontier Province, Pakistan
Authors: Tom Schacher, architect, Swiss Agency for Development & Cooperation SDC, Agarone, Switzerland, and Thomas Fisler, government officer & team leader, Swiss Agency for Development & Cooperation SDC, Mansehra, Pakistan



Holcim Awards Gold
Sustainable planning for a rural community, Beijing, China
Main authors: Yue Zhang, academic, Tsinghua University, School of Architecture, and Feng Ni, government officer, Beijing Municipal Commission of Urban Planning, Beijing, China



Acknowledgement prize
Dongtan Eco-City urban concept, Shanghai, China
Main author: Peter Head, engineer, Arup, London, UK



Holcim Awards Silver
Low-impact greenfield university campus, Ho Chi Minh City, Vietnam
Main author: Kazuhiro Kojima, architect, Coelacanth and Associates Co. Ltd., Tokyo, Japan



Acknowledgement prize
Low-cost low-maintenance school extension, Bangalore, India
Main author: Georg Konrad Leuzinger, architect, L&S Architects, Bangalore, India



Holcim Awards Bronze
Energy-efficient office complex, Hyderabad, India
Authors: Skidmore, Owings & Merrill LLP, New York, USA, and Maytas Properties Pvt. Ltd., Hyderabad, India



Acknowledgement prize
Revitalization and relocation plan for Ghost City, Fengdu, China
Main author: Kai Sheng Li, academic, China Academy of Art, School of Architecture, Department of Urban Design, Hangzhou, China

Winners of the Holcim Awards “Next Generation” prizes 2008

In addition to projects at an advanced stage of design or under construction, in the second cycle of the Holcim Awards competition visionary concepts of young professionals were celebrated for the first time – in the newly created category “Next Generation.”

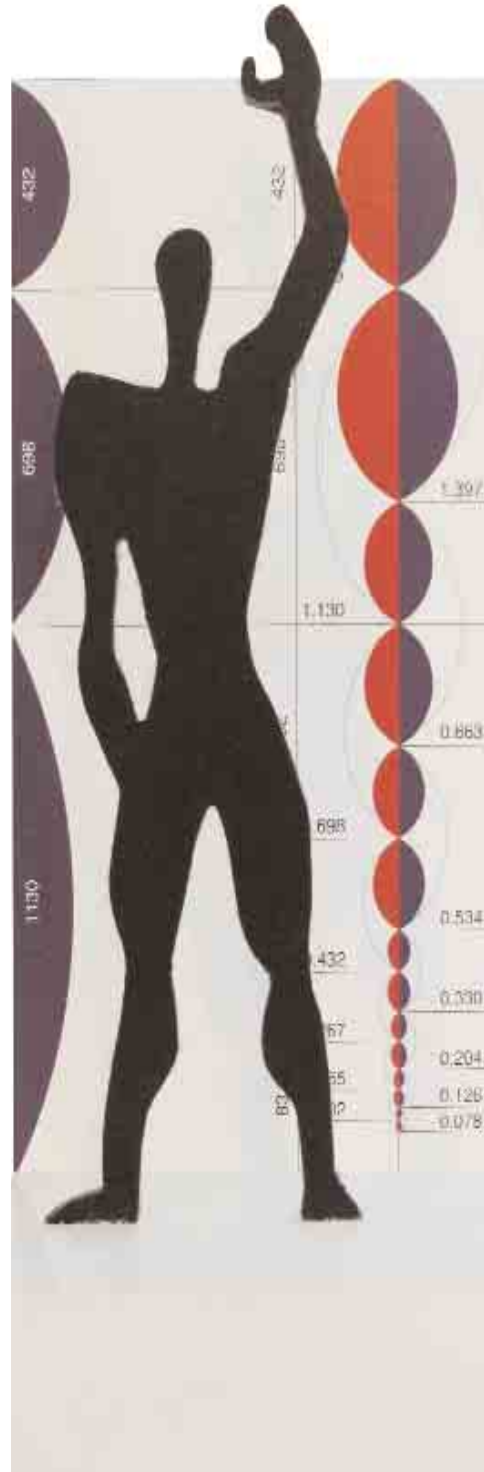
The new category “Next Generation” is open to students and professionals younger than 35 years of age at the close of entries. In contrast to the main category, these prizes chiefly recognize new ideas and innovative concepts. With this category, the Holcim Foundation seeks to motivate young professionals to deal with sustainable construction.

The “Next Generation” competition generated great interest. About a third of all qualified competition entries fell into this category.

People at the center

For the Holcim Awards “Next Generation” prizes, USD 35,000 was available in each of the five regions (the total prize sum per region was USD 270,000). In addition to the money, the winners each received a statue of the Modulor.

This measurement system, designed by Swiss architect Le Corbusier, is the most significant modern attempt to give architecture a mathematical order. It derives from the scale of the human body, because for Le Corbusier man stood at the center as the measure of all things.



Region Europe

“Next Generation” 1st prize
Production and ecological cluster, New Haven, UK
Author: Semini Pabodha Samarasinghe, student, Kandy, Sri Lanka
A design of a production and ecological cluster in New Haven, UK, featuring a tea house and herbal tea production facility.

“Next Generation” 2nd prize
Urban greening and economic catalyst, Madrid, Spain
Authors: Ana Castillo and Lieven De Grootte, architects, castillo de grootte architects, Madrid, Spain

“Next Generation” 3rd prize
Self-sufficient rural community, Paimio, Finland
Authors: Heikki Riitahuhta, Heikki Muntola and Mikko Jakonen, students, Oulu, Finland

Symbol for the Holcim Awards “Next Generation” prizes:
Le Corbusier’s Modulor.

Visionary concepts and ideas awarded for the first time



Region North America

“Next Generation” 1st prize
Microstructure research for building skins, Cambridge, USA
Authors: Neri Oxman, architect, Massachusetts Institute of Technology (MIT), Cambridge, and John Hart, engineer, University of Michigan, Ann Arbor, USA
A visionary building skin research using carbon nanotubes to develop materials that can be assigned specific structural, functional and environmental properties.

“Next Generation” 2nd prize
Residential density for urban spaces, Toronto, Canada
Authors: Chenglong Wang and Lingchen Liu, architects, Beijing, China

“Next Generation” 3rd prize
Responsive urban downtown activity center, Boston, USA
Author: Andrew Edward Lantz, student, Harvard Graduate School of Design, Cambridge, USA



Region Latin America

“Next Generation” 1st prize
Coastal fog-harvesting tower, Huasco, Chile
Author: Alberto Adolfo Fernández González, architect, Santiago, Chile
A coastal fog-harvesting tower concept for Huasco, Chile, which proposes to extract water for agriculture from the “Camanchaca” coastal fog.

“Next Generation” 2nd prize
Eutropia low-cost and space-efficient social housing, Mexico City, Mexico
Authors: Ricardo Julian Vásquez Ochoa and Emilio José García Bidegorry, architects, Mexico City, Mexico.

“Next Generation” 3rd prize
Agriculture facility for inner-city voids, Campinas, Brazil
Author: Thiago Cintra Pilegi, architect, São Paulo, Brazil.



Region Africa Middle East

Two innovative projects from Nigeria were both awarded equal first prizes in the “Next Generation” category

“Next Generation” 1st prize
Amphibious dwellings in informal settlements, Lagos, Nigeria (above)
Author: Akinlabi A. Afolayan, architect, Niles Bolton Associates, Atlanta, USA
A concept for amphibious dwellings which uses low-lying and flood prone areas in informal settlements of Lagos to provide safe housing close to residents’ source of income.

“Next Generation” 1st prize
Anti-desertification architecture, Sokoto, Nigeria (below)
Author: Magnus Larsson, student, Stockholm, Sweden
A project applying cutting-edge biotechnology to stop desert encroachment in Sokoto.

“Next Generation” 3rd prize
Waterfront sustainable development concept, Mombasa, Kenya
Authors: Maranga Njoroge, architect, and Benedette Nthale, designer, ATS, Nairobi, Kenya



Region Asia Pacific

“Next Generation” 1st prize
Heart of Suzhou Creek ecosystem revitalization, Shanghai, China
Main Author: Boon Ting Teo, student, Feng Chia University, Taichung, Taiwan
A project of an ecosystem revitalization blueprint for Suzhou Creek, Shanghai, China.

“Next Generation” 2nd prize
Realizing solutions for the redevelopment of Dharavi, Mumbai, India
Authors: Jens Kaercher and Lukas Schwind, students, Berlin, Germany

“Next Generation” 3rd prize
Low and dense urban elements, Shanghai, China
Author: Eero Puurunen, architect, New Haven, USA

Two new publications on exemplary projects in India and South Africa

The Holcim Foundation is publishing an ongoing series of volumes on buildings that exemplify sustainable construction. In 2006 "Office building in Costa Rica" was documented, and in 2007 "Research center in Switzerland." Now there are two new books.

Community center in South Africa

This book presents the exemplary project "Tsoga Environmental Center" in a township in a suburb of Cape Town. Tsoga is the Xhosa word for "wake up" – as well as the name of a local NGO that works to improve local social and environmental conditions. The new community center serves as the base of activity for some 200 Tsoga volunteers. The model project received the Holcim Awards Bronze for Africa Middle East in 2005. The publication describes the design, construction, and lasting socioeconomic benefits of the community center.

78 pages, ISBN 978-3-7266-0082-2

Office building in India

The fourth monograph in the series describes the world headquarters of Development Alternatives, an NGO in New Delhi. The new building was designed by Architect Ashok B. Lall, head of the jury for the Holcim Awards for the Asia Pacific region. It demonstrates that natural, recyclable, and low-CO₂ construction materials, and traditional building methods and design elements offer a viable alternative to modern urban architecture – a vision that embraces tradition not for the sake of the past, but as a contribution to a sustainable future.

78 pages, ISBN 978-3-7266-0083-9

The two publications can be downloaded in PDF format at www.holcimfoundation.org or ordered in printed form from the Holcim Foundation.



"Urban Transformation" presented in Berlin and Venice

Following the Holcim Forum for Sustainable Construction held in 2007 in Shanghai, which investigated with the theme **Urban_Trans_Formation**, a 400-page book for professionals has been published. The book was unveiled in Berlin and Venice.

"Urban Transformation," edited and published by Ilka and Andreas Ruby of textbild Berlin, is a collection of

essays by a broad international group of authors. Most contributions derive from presentations delivered at the Holcim Forum, and these are complemented with pieces written especially for the book by authors from every continent. With its 43 illustrated essays, the book is not a catalog of the Forum but a self-contained further examination of the Forum topics.

400 pages, ISBN 978-3-7266-0080-8



The premiere presentation of the book took place at the eleventh Architecture Biennale in Venice. At the Swiss Pavilion in the Giardini di Castello – and in cooperation with the Swiss Culture Department – professionals debated several critical aspects of city planning.



The new publication, sponsored by the Holcim Foundation, was presented at a podium discussion in Berlin. At the renowned architecture center Aedes am Pfefferberg, interested professionals discussed topics ranging from construction materials to urban development. Co-editor Ruby and his work.



**Passion across
five regions:
Holcim Awards
ceremonies 2008**