



RIO+20
United Nations
Conference on
Sustainable
Development

Seminar on Sustainable Communities

June 16, 2012
Clube de Engenharia
Av. Rio Branco 124
20th floor
Rio de Janeiro, Brazil

Organized by:



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World Federation of Engineering
Organizations
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Program

8:00 **Registration**

8:30 **Welcome and Opening Remarks – What is a Sustainable Community?**

Moderator: Jorge Spitalnik, Chair, WFEO UN Relations Committee

- Eduardo Paes, Mayor of Rio de Janeiro
- Jose Tadeu de Silva, President of FEBRAE
- Steven Wilson, ICSU Executive Director
- Ede Ijjasz-Vasquez, The World Bank, Director, Sustainable Development Dept, Latin America and Caribbean Region.
- Gretchen Kalonji, UNESCO, Assistant Director General, Natural Sciences

9:15 **Keynote Speaker: Principles and Considerations for Building Sustainable Communities**

- Stefan Denig – Head of Sustainable Cities Program, Siemens Global Cities Centre of Competence

9:45 **Plenary Panel Session – Achieving Sustainable Community in Large Urban Settings – Planning and Engineering Challenges and Best Practices**

Moderator: Dan Hoornweg, World Bank

- Kim Kwi-Gon, Seoul University, Secretary General, Urban Environmental Accords
- Matthew Pencharz, Political Adviser to the Mayor of London
- Martin Powell, Head of Urban Planning, Siemens Global Cities Centre of Competence
- Yuko Nishida, Senior Planner, Low Carbon City Program, Tokyo Metropolitan Government

11:15 **Coffee Break and Networking**

11:45 **Plenary Panel Session – Achieving Sustainable Community in Small and Rural Communities– Planning and Engineering Challenges and Best Practices**

Moderator: Michael Michaud, ASME

- Millennium Villages Project - Vijay Modi, Professor of Mechanical Engineering, Columbia University; Director, Infrastructure Programs, Millennium Villages Project
- Engineering for Change – Victoria Rockwell, President American Society of Mechanical Engineers
- New City of Duque de Caxias Project, José Camilo Zito, Mayor of City of Duque de Caxias, State of Rio de Janeiro

1:00 **Lunch and Networking**

1:45 **Plenary Panel Session – Risk Assessment and Sustainable Engineering Solutions for Communities**

Moderator: David Lapp, WFEO Committee on Engineering and the Environment

- Walter Ammann, President and CEO, Global Risk Forum
- Carlos Pieter, Mineral Technology Center (CETEM), Brazilian Ministry of Science, Technology and Innovation
- Darrel Danyluk, Vice-President WFEO

3:15 **Coffee Break and Networking**

3:45 **Declaration on Sustainable Communities – “Not Just Words but Action”**

Moderator: Jose Tadeu de Silva, President of FEBRAE

The plenary will be briefed on the rationale and details of a draft declaration which will be discussed to reach a consensus. The final declaration will be sent to the UN Secretary General as input to the Rio +20 Summit.

4:30 **Closing Remarks**

- Dan Hoornweg, The World Bank, Lead Urban Advisor Representative
- Jorge Spitalnik, WFEO

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