

## ENGINEERING A BETTER WORLD

### The contribution of the engineer to humanitarian assistance and international development

10-11 March 2010

Institution of Civil Engineers, Westminster, London

<b>DAY ONE: Relief Operations and Reconstruction</b>		
<b>Opening</b>		
10.00 – 10.05	<i>Welcome and Introduction</i>	Prof Paul Jowitt, President, ICE (confirmed)
<b>Session 1. Introduction: Engineering a Better World - Chaired by David Balmforth MWH</b>		
10.05 – 10.20	<i>The Contribution of the Engineer to Humanitarian Assistance and International Development</i>	HRH The Princess Royal (confirmed)
10.20 – 10.40	<i>The Role of Engineering in Development and Services</i>	Dr Latif Rashid, Minister of Water Resources, Government of Iraq (confirmed)
10:40 – 11.00	<i>Emergency Relief and Reconstruction in Haiti</i>	Geoffrey Dennis, Chief Executive, Care International (confirmed)
11.00 – 11.15	Questions and Answers and Discussion	
<b>11.15 – 11.40</b>	<b>Refreshment Break</b>	
<b>Session 2. Examples in Action: Lessons learned - Chaired by Petter Matthews, Executive Director, Engineers Against Poverty</b>		
11.40 – 12.00	<i>The Humanitarian Community: What we have learned from our mistakes</i>	Martin McCann, Chief Executive, RedR UK (confirmed)
12.00 – 12.20	<i>Lessons from Aceh: Key considerations in post-disaster reconstruction</i>	Jo da Silva, Director, Arup International Development (confirmed)
12.20 – 12.40	<i>Disaster Risk Reduction and Built Environment Professionals: Lessons from Haiti</i>	Shailesh Kataria, Director, RICS' Disaster Management Commission (confirmed)

12.40 – 13.00	<i>Lessons from the Reconstruction in Afghanistan: The Royal Engineers' experiences from 2002 to today</i>	Lieutenant Colonel Andy N Szabo, Commanding Officer, 62 Works Group, Royal Engineers (confirmed)
13.00 – 13.20	Questions and Answers and Discussion	
<b>13.20 – 14.20</b>	<b>Lunch</b>	
<b>Breakout Sessions</b>	<b>Session 3. Relief Operations</b>	<b>Session 4. Reconstruction</b>
14.20 – 14.35	<i>How to Ensure an Effective Response to an Unexpected Disaster: Lessons learnt from Sri Lanka post-tsunami</i> , Gordon Masterton, Vice President, Jacobs, and Past President, ICE (confirmed)	<i>Sustainability in Reconstruction Projects</i> , D Michael Broadbent, Independent Consultant, JBA Consulting, and Disaster Management, Faculty of Business, Environment and Society, Coventry University (confirmed)
14.35 – 14.50	<i>Post-disaster Transitional Shelter</i> , Lizzie Babister, Shelter Sector Specialist, Care International (invited)	<i>Reconstruction and Strengthening: Opportunities for building more resilient communities</i> , Dr Tiziana Rossetto, Reader in Earthquake Engineering, University College London (confirmed)
14.50 – 15.05	<i>Engineering Professionals in First Phase Humanitarian Response</i> , Pete Sweetnam, Director of Programmes, Merlin (confirmed)	<i>Helping people help themselves: Supporting grassroots initiatives for rebuilding</i> , Dr Cassidy Johnson, Lecturer, Development Planning Unit, University College London (confirmed)
15.05 – 15.25	Questions and Answers and Discussion	Questions and Answers and Discussion
<b>15.25 – 15.50</b>	<b>Refreshment Break</b>	
<b>Session 5. The Contribution of the Engineer to Relief Operations and Reconstruction - Chaired by Richard Coackley, Vice President, ICE, and Managing Director, Engineering, White Young Green</b>		
15.50 – 16.05	<i>How Can Engineers and Built Environment Professionals Best Make a Positive Contribution to Disaster Management?</i>	Tony Lloyd-Jones, Principal Lecturer, University of Westminster
16.05 – 17.00	Speakers and delegates to discuss innovative solutions to the challenges set in the plenary and breakout sessions and how engineers can contribute to relief operations and reconstruction projects	
<b>17.00 – 17.05</b>	<b>Final Remarks by the Chair</b>	
17.05 – 17.15	<i>ICE's Engagement in Humanitarian Assistance and International Development</i>	Prof Paul Jowitt, President, ICE (confirmed)

<b>17.15</b>	<b>Close of Day One</b>
<b>17.15 – 19.15</b>	<b>Drinks Reception</b> <ul style="list-style-type: none"><li>• Tom Foulkes, President, CEC, and Director General, ICE, will address the delegates</li><li>• St John Day, Water Resource Management Advisor, Oxfam GB, and Vincent Case, WaterAid UK, will present the Community Based Water Resource Management Initiative</li></ul>

<b>DAY TWO: International Development</b>		
<b>Opening</b>		
9.30 – 9.35	<i>Welcome and introduction</i>	Prof Tony Ridley, Past President, ICE and CEC (confirmed)
9.35 – 9.40	<i>Welcome</i>	Vijay Krishnarayan, Deputy Director, Commonwealth Foundation (confirmed)
<b>Session 1. Identifying Challenges and Solutions - Chaired by Michela Wrong, journalist and writer on Africa</b>		
9.40 – 10.00	<i>Corruption and Donor Complacency as a Barrier for Development: How dishonesty and wishful thinking brought Kenya to the brink of collapse</i>	Michela Wrong, journalist and writer on Africa (confirmed)
10:00 – 10.20	<i>Beyond the State: Community development in eastern Uganda</i>	Dr Ben Jones, Lecturer, School of International Development, University of East Anglia (confirmed)
10.20 – 10.40	<i>From Poverty to Capacity: The role of infrastructure in international development</i>	Prof Paul Jowitt, President, ICE (confirmed)
10.40 – 11.00	<i>The Construction Sector Transparency Initiative (CoST)</i>	Christiaan Poortman, Chairman, CoST International Advisory Group, and Director, Global Programmes, Transparency International
11.00 – 11.20	Questions and Answers and Discussion	
11.20 – 11.45	<b>Refreshment Break</b>	
<b>Session 2. What We Are Doing: Banks, Civil Society Organisations and Private Companies – Chaired by Prof Tony Ridley, Past President, ICE and CEC</b>		
11.45 – 12.00	<i>Arup and the Challenges of Sustainable Infrastructure in the Developing World</i>	David Singleton, Chairman, Global Infrastructure Practice, Arup (confirmed)
12.00 – 12.15	<i>The Role of the European Investment Bank in Investing in Infrastructure</i>	Hugh Goldsmith, Head of Division, Projects Directorate, European Investment Bank (confirmed)
12.15 – 12.30	<i>Mobilising The Engineering Industry in the Fight Against Global Poverty</i>	Petter Matthews, Executive Director, Engineers Against Poverty (confirmed)
12.30 – 12.45	<i>The Halcrow Foundation: History and objectives</i>	John C Martin, Trustee, Halcrow Foundation, Halcrow Group Ltd (confirmed)

12.45 – 13.00	<i>Engineering a World Without Borders</i>	Andrew Lamb, Chief Executive, and Josh Macabuag, London Professional Network Coordinator, Engineers Without Borders UK (confirmed)	
13.00 – 13.20	Questions and Answers and Discussion		
<b>13.20 – 14.20</b>	<b>Lunch</b>		
	<b>Session 3. Transport Infrastructure</b>	<b>Session 4. Urbanisation - Chaired by Muhammad Sohail Khan, Loughborough University</b>	<b>Session 5. Water</b>
14.20 – 14.35	<i>Transport Infrastructure: Tackling management deficiencies in the developing world</i> , Robert Petts, Rural Transport Theme Champion, Global Transport Knowledge Partnership (GTKP) (confirmed)	<i>Sustainable Urban Infrastructure for the Bottom Billion</i> , Prof M Sohail Khan, Loughborough University (confirmed)	<i>Water Scarcity: The world is watching...</i> , Michael Norton MBE, Managing Director, Water and Power, Halcrow Group (confirmed)
14.35 – 14.50	<i>Appropriate Engineering Frameworks for Sustainable Transport Development</i> , Dr Jasper R Cook, Director, OtB Engineering Ltd (confirmed)	<i>Slums: A problem or a solution?</i> , Dr. Priti Parikh, Senior Consultant, Arup International Development (confirmed)	<i>Water Resources, Flooding and Climate Change: Adaptation and mitigation strategies</i> , David Balmforth, MWH, and Chairman, ICE International Policy Committee (confirmed)
14.50 – 15.05	<i>Building Capacity to Deliver Effective Transport Infrastructure: Lessons from experience</i> , Gary Taylor, Managing Director, IT Transport (confirmed)	<i>Sanitation in Low-Income Urban Areas in Developing Countries: Cost-effective solutions through local partners</i> , Prof Duncan Mara, School of Civil Engineering, University of Leeds (confirmed)	<i>Community Based Water Resource Management in Humanitarian and Development Programmes</i> , St John Day, Water Resource Management Advisor, Oxfam GB, and Vincent Case, WaterAid UK (confirmed)
15.05 – 15.25	Questions and Answers and Discussion	Questions and Answers and Discussion	Questions and Answers and Discussion

<b>15.25 – 15.50</b>	<b>Refreshment Break</b>	
<b>Session 6. The Contribution of the Engineer to International Development - Chaired by David Balmforth, MWH, and Chairman, ICE International Policy Committee</b>		
15.50 – 16.05	<i>The Katine Project: How engineers can help to alleviate poverty in rural communities</i>	Liz Ford, journalist, the Guardian (confirmed)
16.05 – 16.20	<i>Planning for Development: The engineers' contribution</i>	Beatriz Souviron, Bolivian Ambassador to the UK (confirmed)
16.20 – 17.15	Speakers and delegates to discuss the challenges set in the plenary and breakout sessions and how engineers can contribute to international development	
<b>17.15 – 17.20</b>	<b>Final Remarks by the Chair</b>	
<b>17.20</b>	<b>Close of the Conference</b>	