



United Nations

**HABITAT III**  
SIDE EVENT REPORT

<b>Submitted by Lead Organization</b>	
<b>Name of the lead organization</b>	International Network for Bamboo and Rattan
<b>City and country where the lead organization is based</b>	Beijing, China
<b>Title of the event</b>	Bamboo housing for sustainable, resilient urban development and post-disaster recovery
<b>Date</b>	10/20/2016
<b>Room number</b>	R20
<b>List of partner organizations</b>	ARUP; Colombian Association for Earthquake Engineering; Consorcio de Gobiernos Autónomos Provinciales del Ecuador; International Center of Bamboo and Rattan; Base Bahay Foundation
<b>Number of attendees</b>	More than 101
<b>Percentage of women participating</b>	41-50%



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<p><b>Concise summary of the event proceedings, including key points discussed</b></p>	<p>The main theme of this side event will focus on how to use bamboo as a strategic resource to build urban resilience through the provision of sustainable, safe, culturally appropriate, and affordable housing. In recent years, there have been major advances in the standardization and codification of bamboo engineering in several developing and least developed countries. This is now allowing urban planners, particularly in Latin America and Asia, to incorporate bamboo housing and infrastructure into sustainable urban systems. This has already had a major impact in supporting both post-disaster responses, as well as disaster prevention in many urban and peri-urban areas. The side event will share these experiences with Habitat III participants, as well as latest technical innovations in bamboo engineering. This is expected to enable further uptake of bamboo as a building material across its entire natural growing range of Asia and the Pacific, the Americas, and Sub-Saharan Africa. Key experiences that will be shared through the side event will include: - An assessment of bamboo structures performance following the 2016 Ecuador Earthquake and plans for incorporating bamboo into post-disaster recovery (Consortium of Autonomous Provincial Government of Ecuador - CONGOPE) - Lessons learned on bamboo housing codification and disaster prevention in Colombia following the 1999 Armenia Earthquake (The Colombian Association of Earthquake Engineers – AIS) - Assessing vulnerability of bamboo housing and developing improved urban housing systems with reduced risk in Peru (San Martin University) - Developing multi-hazard resistant urban housing for low income groups in compliance with urban regulations in the Philippines (Base IHilti Foundation) - Use of bamboo in post-disaster earthquake responses in Nepal and China (International Network for Bamboo and Rattan – INBAR)</p>
<p><b>Name, nationality, title and organization of the 1st speaker at your event.</b></p>	<p>1. Sebastian Kaminski, Senior Structural Engineer of ARUP;</p>
<p><b>Name, nationality, title and organization of the 2nd speaker at your event.</b></p>	<p>2. Juan Francisco Correal, President of Colombian Association for Earthquake Engineering;</p>
<p><b>Name, nationality, title and organization of the 3rd speaker at your event.</b></p>	<p>3. Edwin Miño, Director, Consorcio de Gobiernos Autónomos Provinciales del Ecuador;</p>



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<b>Name, nationality, title and organization of the 4th speaker at your event.</b>	4. Zhang Rong, International Center of Bamboo and Rattan (ICBR);
<b>Name, nationality, title and organization of the 5th speaker at your event.</b>	5. Maricen Jalandoni, General Manager, Base Bahay Foundation, Inc. An initiative of the HILTI Foundation.