



United Nations

— HABITAT III —
SIDE EVENT REPORT

Submitted by Lead Organization	
Name of the lead organization	Department of Architecture and Urban Studies (DASTU) - Politecnico di Milano
City and country where the lead organization is based	Milan, Italy
Title of the event	Post-disaster recovery & Educen Horizon 2020 Project Group “Post-disaster recovery in urban areas: cities, cultures, resilience to disasters”
Date	10/20/2016
Room number	R10
List of partner organizations	<p>Organization leader POLITECNICO DI MILANO, DEPARTMENT OF ARCHITECTURE AND URBAN STUDIES Ilaria Valente e Andrea Gritti (a – POST-DISASTER RECOVERY IN URBAN AREAS Research Group); Scira Menoni e Funda Atun (b - EDUCEN consortium) “Post-disaster recovery in Urban Areas” a.1 Scuola di Architettura, Urbanistica, Ingegneria delle Costruzioni, Politecnico di Milano; a.2 CEDEUS, Pontificia Universidad Católica de Chile; a.3 Urban Design and Research Laboratory, Technische Universität Berlin; a.4 Facoltà di Architettura di Siracusa, Università degli studi di Catania; a.5 Accademia di Architettura di Mendrisio, Università Svizzera Italiana; a.6 Department of Architecture Xi’An Jaotong – Liverpool University; a.7 Facultad de Arquitectura Artes y Diseño, Universidad Tecnológica Equinoccial; a.8 Facultad de Arquitectuta Diseño y Artes, Pontificia Universidad Catolica de l’Ecuador; a.9 Programa de las Naciones Unidas para el Desarrollo (PNUD); Educen Horizon 2020 b.1 Wageningen University, The Netherlands; b.2 ANEVO of Volos Municipality, Greece; b.3 ICATALIST, Spain; b.4 National Research Council of Italy, Water Research Institute (CNR-IRSA); b.5 Centre for System Solutions, Poland; b.6 Segura River Basin Authority, Spain; b.7 Stockholm Environment Institute, Sweden; b.8 AKUT Search and Rescue Association, Turkey; b.9 Faculty of Military Sciences, Netherlands Defence Academy, The Netherlands • With collaboration of “Gli Altri ed i Disastri” (The Others and Disasters) Non-profit Organization (www.gliatriedidisastri.org)</p>
Number of attendees	More than 101
Percentage of women participating	41-50%



United Nations

— HABITAT III —

SIDE EVENT REPORT

Background information on the event (themes, issues, context).

The event was organised by two different teams within a network involving several universities and institutions from different parts of the world; these two teams are both represented by the Department of Architecture and Urban Studies of the Politecnico di Milano. The first one of these research teams is called “Post disaster recovery in urban areas” and the other one is called “EDUCEN Horizon 2020”. Both of these research teams have as main focus the question of risk management facing disasters and catastrophes but one of them is focused on cities, culture and resilience, and the other one on preparedness, emergency and reconstruction. In particular, EU-funded Collaboration and Support Action EDUCEN project is a European expert platform focusing on the role of culture in disaster management and risk reduction. The project considers three main aspects: cultural memory, cultural learning and cultural networks to build resilience and capacity for disaster risk reduction (DRR). Within the project Politecnico di Milano has two case studies: Umbria Region and Milan Expo Case study. Besides, POLIMI is the leader of WP5. That is about the infrastructure and social structure relation in DRR. “Post disaster recovery in urban areas” was involved in a series of workshops named “Disaster City” organised by the DAAD program (TU Berlin) and Politecnico di Milano with the collaboration of Uni Cam; the research group investigate the relationship between human habitat and the Earth, urbanisation processes and interconnections at global scale, and took part in CIUhabitat international competition with the third-prize winning project “Floating Scapes”. The overarching aim of the research team is to investigate possible responses to the risks associated with the practices of inhabiting the earth.



United Nations

— HABITAT III —

SIDE EVENT REPORT

Concise summary of the event proceedings, including key points discussed

A summary of the work of both Educen 2020 and Post-disaster recovery in urban areas was presented. Besides, the teams briefly mentioned about the relation and the ways implementing the New Urban Agenda in the Disaster Risk Management context. Then 2 moderators asked the 3 guests 2 questions each on the research's key issues. Finally, 2 members of the research groups took provisional conclusions and opened the debate with the public. The 6 questions asked to the 3 guests focused on:

- Ways to promote integration, preparedness and DRR in urban management and policy making, resulting in the need to break rigid sectorial schemes in public structures, the need to identify responsibilities and avoid impunity, and the need to articulate processes different scales;
- Ways to improve the emergency responses and resilience at a local and community level after a major catastrophe, resulting in the need to acknowledge the difference between low onset emergencies and sudden onset emergencies and the need for efficient information systems, emergency plans and measures, adequate education and awareness raising, and capacity building for government authorities
- Ways cultural memory of disasters and crises can be enhanced bearing in mind different social groups and disaster risk reduction, resulting in the need to transition to a permanently prepared, multihazard culture able to self-recognise and show solidarity;
- Ways to face the concrete, material issues of recovery and reconstruction of the built stock in integrated reconstruction management;
- Ways to identify specific problems in today's cities (eg. deprived areas) and their pressure on DRR, resulting in the need to acknowledge the sometimes high recurrence of events, their effect on institutional structures, and the similarity with the effects of major urban failures in relation to the behaviour of the State;
- Ways green infrastructure can have a role in disaster risk reduction and climate change adaptation, resulting in the need to identify its role as protective and restorative mechanisms, as generators of positive externalities, as drive of change of the relationship between society and the environment.



United Nations

HABITAT III

SIDE EVENT REPORT

Recommendations that emerged from these discussions.

It appears the process of Prevention, Emergency and Reconstruction is considered as linear, made up of consequential phases. However, the uncertainty of the conditions question the linear model. A non-linear system, a matrix, is put forward, stemming from the failure of traditional post-emergency reconstruction operated by traditional urban planning. A systemic vision can accompany urban regeneration in a more progressive, adaptive and shared way. Key issues that form this system are of psychological, social, economical nature, are related to property right and disaster preparedness. The single experiences emerged from the event must be joined and used to strengthen professional proficiency in dealing with urban issues. The positions in this event focused on topics suggesting what could be termed horizons for Post-Disaster Recovery, based on the creation of knowledge, basic intent of the universities in: Integration in Policy Making, namely the improvement of the phases from disaster to reconstruction; Community Level integration, namely the inclusion of bottom-up, community base work strategies; Cultural Memory, that is the encouragement of cultural question related to the loss of memory and identity related to earthquakes; and the more concrete Material Infrastructure, issues, namely the reposition and recovery of functionality related to urban infrastructure and systems. At the same time, it is interesting to note that several other events covered this issues with different approaches within Habitat III, which contrast and complement interestingly the perspective and conclusion discussed in our own event. If the topics in our event revolved around Integration in Policy Making; Community Level, Cultural Memory and Material Infrastructure, in the High-Level Round Table: Ecological, Climate Change Resilient, Disaster-responsive Cities which took place in 18.11.2016, the focus was on Governance, Data, Finance and Innovation. The United Nations Environmental Program Respondent to H-L Roundtable made an emphasis on Citizen-centered interventions; Leadership and Business. The Side Event: Post-crisis Reconstruction's Perspectives of Two Southern Capitals: Port-au-Prince and Bangui, held on 19.11.2016, drawing from field experiences focused on Enabling Communities; Local Authorities; Emergency to Development; Planning / Self-solution. It is thus interesting to note that in spite of the relative affinity of these concepts can be recognized that reveal nuances and a variety in the approached to deal with the issues of catastrophes and reconstruction.



United Nations

— HABITAT III —
SIDE EVENT REPORT

<p>Partnerships or collaborations that emerged from the event.</p>	<p>Cooperation between Politecnico di Milano, Pontificia Universidad Católica de Chile, Universidad Tecnológica Equinoccial de Quito, Pontificia Universidad Católica de l'Ecuador. Cooperation between Post Disaster Recovery RT, Educen Horizon 2020, PNUD, Cedeus and Cigiden.</p>
<p>Name, nationality, title and organization of the 1st speaker at your event.</p>	<p>Andrea Gritti, Italy, Architect PhD, DASTU Politecnico di Milano</p>
<p>Name, nationality, title and organization of the 2nd speaker at your event.</p>	<p>Funda Atun, Turkey, Urban planner PhD, DASTU Politecnico di Milano</p>
<p>Name, nationality, title and organization of the 3rd speaker at your event.</p>	<p>Alonso Brenes Torres, Costa Rica, Geographer, FLACSO</p>
<p>Name, nationality, title and organization of the 4th speaker at your event.</p>	<p>Nury Bermudez, Ecuador, Architect, UNDP</p>
<p>Name, nationality, title and organization of the 5th speaker at your event.</p>	<p>Roberto Moris, Chile, Architect, Pontificia Universidad Católica de Chile</p>
<p>Name, nationality, title and organization of the 6th speaker at your event.</p>	<p>Franco Tagliabue, Italy, Architect, Politecnico di Milano</p>
<p>Name, nationality, title and organization of the 7th speaker at your event.</p>	<p>Renato D'Alençon, Chile, Architect, Pontificia Universidad Católica de Chile</p>
<p>Name, nationality, title and organization of any additional speakers at your event.</p>	<p>Myrian Larco Benitez, Ecuador, Dean UTE Quito Sylvia Jimenez Riofrio, Dean PUCE</p>



United Nations

HABITAT III
SIDE EVENT REPORT

Dissemination of the outcomes of your event?

We are presenting the work in our social media accounts and websites (www.ecuenproject.eu). Besides, we will prepare scientific papers to discuss the relations of our projects with New Urban Agenda agreed in Habitat 3. These papers will be published on ISI/Scopus Reviews as "Territorio" of DASTU PoliMi, Newsletters at PUC CEDEUS, in Revista EIDOS UTE Quito. A publication will be produced in 2017 in the framework of POLIMI TUB cooperation about the experience of "Disaster City".