

Emergency vs development: the architectural project within development cooperation

*Original*

Emergency vs development: the architectural project within development cooperation / DE FILIPPI, Francesca; Battistella, Alessio. - In: JUNCO. JOURNAL OF UNIVERSITIES AND INTERNATIONAL DEVELOPMENT COOPERATION. - ISSN 2531-8772. - ELETTRONICO. - Imagining Cultures of Cooperation - Universities networking to face the new development challenges.:(2014), pp. 216-217. ((Intervento presentato al convegno CUCS Torino 2013 tenutosi a Torino nel 19-21 September 2013.

*Availability:*

This version is available at: 11583/2643234 since: 2020-11-07T15:37:58Z

*Publisher:*

Università di Torino

*Published*

DOI:

*Terms of use:*

openAccess

This article is made available under terms and conditions as specified in the corresponding bibliographic description in the repository

*Publisher copyright*

(Article begins on next page)

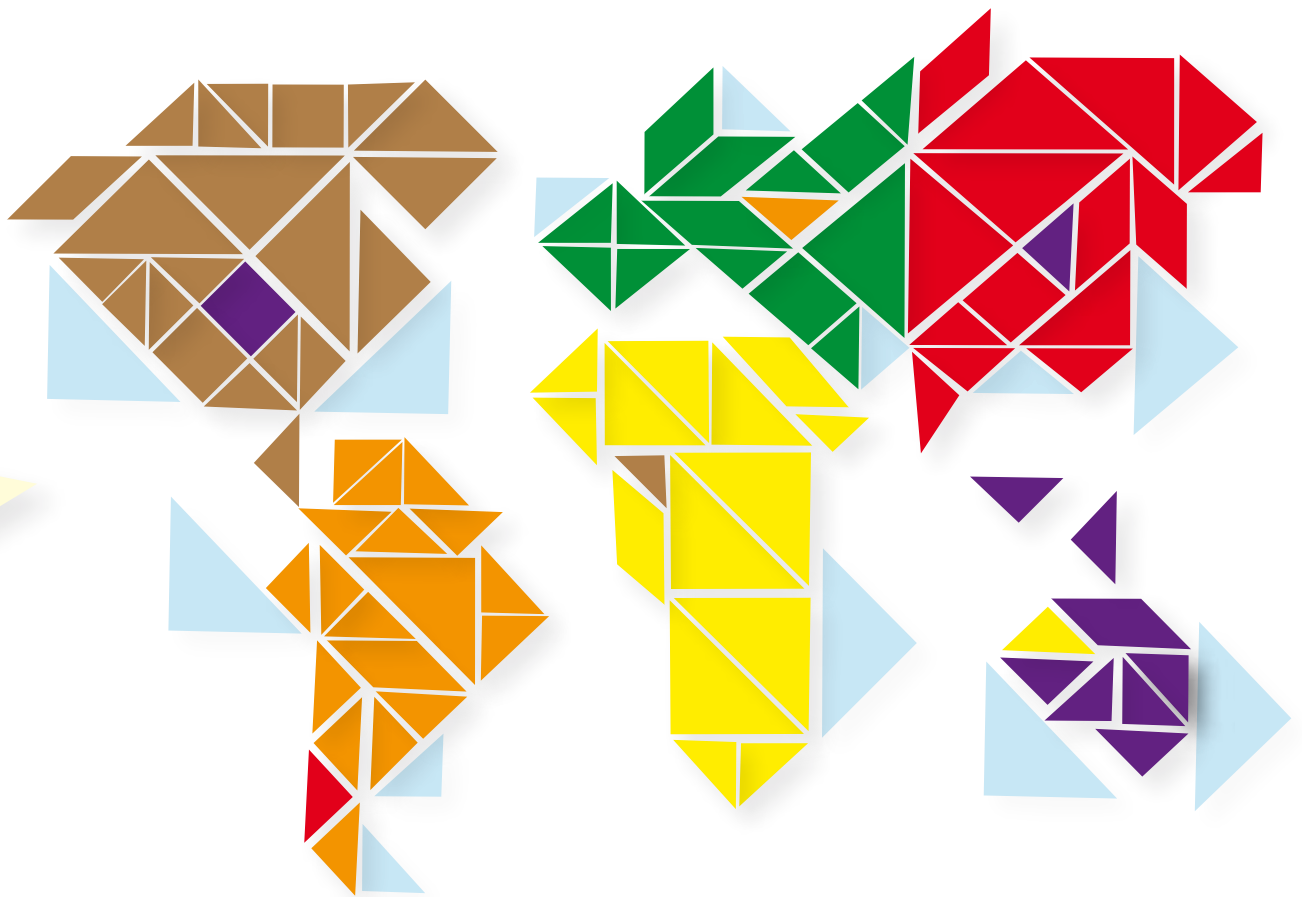
**CUCS**  
**TORINO**  
**2013**



**IMAGINING CULTURES OF COOPERATION:  
UNIVERSITIES NETWORKING TO FACE THE NEW DEVELOPMENT CHALLENGES**

Proceedings of the III Congress of the University Network for Development Cooperation (CUCS)

Turin, 19-21 September 2013



**POLITECNICO  
DI TORINO**



**UNIVERSITÀ  
DEGLI STUDI  
DI TORINO**

Egidio Dansero, Francesca De Filippi, Emanuele Fantini, Irene Marocco (eds.)

**Imagining Cultures of Cooperation:  
Universities networking to face the new development  
challenges.**

Proceedings of the III Congress of the University Network for  
Development Cooperation (CUCS)

Turin 19-21 September 2013.

JUNCO – Journal of UNiversities and international development COoperation,  
n.1/2014

## COLOPHON

### **Editors**

Egidio Dansero, Francesca De Filippi, Emanuele Fantini, Irene Marocco

### **Graphic Design**

Politecnico di Torino – CORE Office (Salvatore Lombardi, Giorgia Nutini, Elisa Tinozzi) with the support of Anita Stankova and Davide Cirillo.

### **Images**

All images are provided by the authors unless mentioned otherwise.

### **Publisher**

The Proceedings of the III CUCS Congress are published as a first special issue of

JUNCO - Journal of Universities and international development COoperation.

JUNCO is published by the University of Turin and Politecnico di Torino in the Open Access Journals' platform of the University of Turin: <http://www.ojs.unito.it/index.php/junco/index>

The Proceedings of the III CUCS Congress have been published with the support of the Department of Cultures, Politics and Society of the University of Turin.



ISBN 978-88-96894-16-3

These Proceedings are licensed under Creative Commons Attribution-NonCommercial 4.0 International Public Licence

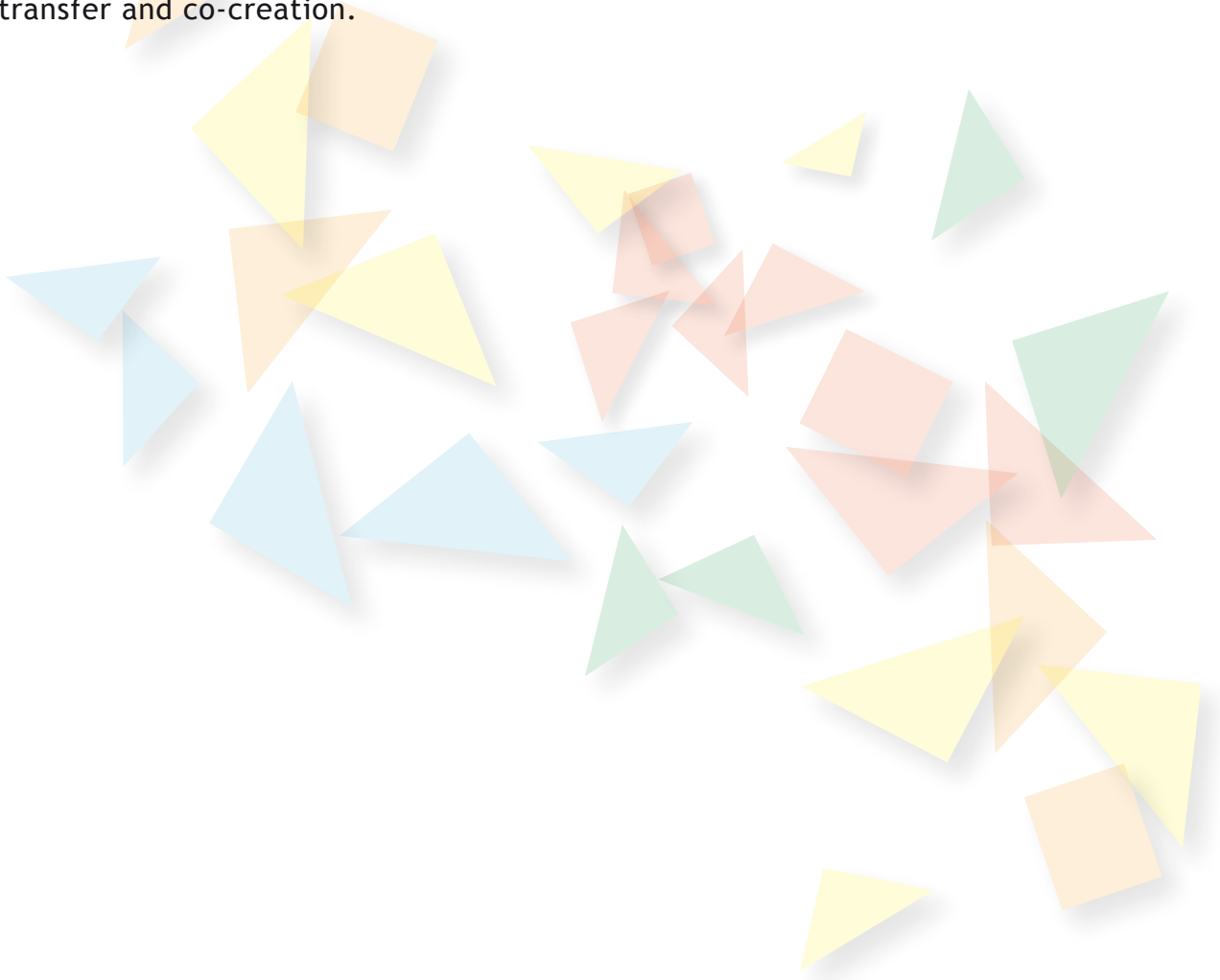


## TABLE OF CONTENTS – SESSIONS

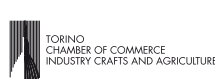
<i>Opening remarks</i>	iii
<i>Education, training and human resources</i>	1
<i>Global Health</i>	94
<i>Security, risks, conflicts and vulnerability</i>	143
<i>Human settlements, territories and communities</i>	173
<i>Economic development: actors, networks and processes</i>	327
<i>Development cooperation methods and approaches</i>	450
<i>Rural development, natural resources and environment</i>	575
<i>Cultural cooperation</i>	729
<i>ICT and media for development</i>	804
Table of contents - Papers and posters	868

The Italian Universities Network for Development Cooperation (CUCS) has been founded in 2007 and nowadays includes 28 Italian Universities. The III CUCS Congress (CUCSTorino2013) was held in Turin on the 19th, 20th, and 21st of September, 2013. CUCSTorino2013 was co-organised by Politecnico di Torino and University of Turin in the frame of the growing partnership between these two Universities with other relevant development cooperation actors (the UN system, the Italian Ministry of Foreign Affairs, local authorities, foundations and NGOs and their respective partners in the so called “Global South”).

The Congress, titled “Imagining cultures of cooperation: universities networking to face the new development challenges”, focused on changes occurring at different levels on current development and cooperation trends (theories, policies, practices, and the definition of the Global Development Agenda post 2015), on the role of universities as development cooperation actors and their contribution in terms of research, education & training, solutions implementation in the field, technology transfer and co-creation.



Partners \_\_\_\_\_ Under the patronage of \_\_\_\_\_ With the support of \_\_\_\_\_ In collaboration with \_\_\_\_\_



ISBN 978-88-96894-16-3



9 788896 894163 >

## Table of contents - Papers and posters

### SESSION: OPENING REMARKS

- iii Foreword  
*Rectors: Gianmaria Ajani, Marco Gilli*
- iv Imagining cultures of cooperation: Universities networking to face the new development challenges  
*Egidio Dansero, Francesca De Filippi, Emanuele Fantini, Irene Marocco*
- ix Italy and the post 2015 development agenda. The role of universities  
*Caterina Bertolini*
- x University networks as actors of scientific and multidisciplinary partnerships: history and development of CUCS  
*Emanuela Colombo*
- xii The development scenarios and university cooperation  
*Gianni Vaggi*
- xvii Role and social responsibility of the university in promoting international cooperation for global health  
*Edoardo Missoni*

### SESSION: EDUCATION, TRAINING AND HUMAN RESOURCES

#### Partnerships between academia and NGOs in technical studies in Italy

- 1 Partnerships between academia and NGOs in technical studies in Italy  
*Guido Zolezzi, Angela Ortigara, Marco Bezzi, Emanuela Colombo, Lorenzo Mattarolo, Carlo Collivignarelli, Sabrina Sorlini, Mentore Vaccari, Francesco Vitali, Francesco Mongera, Italo Rizzi, Giovanni Armando, Giorgio Cancelliere, Fabio Fussi*

#### Cooperation programs on education and teachers training: the role of university and effectiveness evaluation

- 8 Cooperation programs on education and teachers training: the role of university and effectiveness evaluation  
*Cristina Coggi, Paola Ricchiardi*
- 10 From a disciplinary approach to the culture of inclusion: the role of the Department of Education Studies of the University of Bologna in the project “Inclusive education for children with disabilities in Kosovo”  
*Federica Zanetti*
- 16 Implementing and evaluating teachers training and education interventions in the global south  
*Cristina Coggi, Paola Ricchiardi*
- 24 The project “Fenix” in TeofiloOtoni – Brazil – Minas Gerais. Training teachers on cognitive enhancement for children living in dilapidated containers  
*Tiziana Bonasso*
- 26 Cognitive enhancement for children in developing countries. A teacher training experience in a Kigali primary school.  
*Roberto Trincherro*

#### ICT and Capacity Building

- 33 ICT and Capacity Building: the contribution of interuniversity cooperation to the training of global and local entrepreneurship in cultural, economic and social sectors  
*Angelo Inzoli*
- 35 Possible areas and critical elements for building development cooperation initiatives in education and blended learning methodologies  
*Gerolamo Spreafico*
- 40 The intercultural perspective of e-learning programs and the use of new technologies in Africa  
*Angelo Inzoli, Lucie Zouya Mimbang*
- 47 Participatory processes and tools for improving teachers professionalism: the IUS Case  
*Piergiuseppe Ellerani, José Gil Mendoza Ma.*
- 55 Alternative media strengthening and support mechanisms in African protracted crises and conflict-affected territories: can paradigm shifts assist and relief?  
*Mohamed S.M. Yassin, Renato Sesana (Kizito)*

## HEI Cooperation for capacity building in biodiversity conservation, food security and sustainable development

- 62 HEI cooperation for capacity building in biodiversity conservation, food security and sustainable development  
*Cristina Giacomina*
- 63 Cooperation experiences with HEIs in the Indian Ocean  
*Cristina Giacomina*
- 67 Fostering “Little Green Guards” through a collaborative partnership to create an effective conservation education program for rural children in Guizhou, China  
*Chia L. Tan, Yeqin Yang, Kefeng Niu, Lei Shi, Weiyong Zhang, Isidoro Riondato, Cristina Giacomina, Emilio Balletto, Marco Gamba, John A. Phillips*
- 73 A Program in higher education for food security and environmental sustainability  
*Carlo Semita, Elena Ferrero, Gabriella Trucchi, Angela Calvo*

## Posters

- 81 Teaching Italian and Arabic: an interchange between Italy and Libya  
*Barbara Airò, Silvio Beretta, Antonio M. Morone*
- 82 «Insieme per Makamba»  
*Anael Bianucci, Chiara Ghislieri*
- 83 M.M.SC. Track In integrated environment and landscape design in the context of international cooperation. Field work internship as opportunity for engineering students to approach developing context  
*Marco Bezzi, Guido Zolezzi, Martina Ferrai, Davide Geneletti, Cordeiro A. R. Ortigara.*
- 84 Preparare i bambini all’adozione internazionale. Ideazione di nuove prassi con gli operatori burkinabè  
*Marta Casonato, Paola Molina, Gisèle Thiombiano*
- 85 Capacity building in ICT: the Experience of Maputo living lab’s Summer Schools  
*Aaron Ciaghi, Pietro Molini, Adolfo Villafiorita*
- 86 1st level Master in “Oral Health in Disadvantaged Communities and Low Income Countries”  
*Giancarlo Vecchiati, Francesco Bassi, Patrizia Di Caccamo, Jennifer Atkinson, Luca Cavallo, Giulio Preti*
- 87 Promuovere la salute orale in cooperazione internazionale: una sfida di salute globale nelle esperienze di progetti integrati in Libano e in Etiopia  
*A. Rinaldi., P. Di Caccamo, G. Benedetti, B. Giordani, C. Resti*
- 88 Establishing a new Master degree in sustainable crop protection in Egypt: a project funded by EU TEMPUS programme  
*Paola Colla, Davide Spadaro, Maria Lodovica Gullino*
- 89 Tutori di resilienza. Modello di formazione di insegnanti e social workers nell’ambito del programma MOSAIC del Ministero degli Affari Sociali Libanese con il supporto della cooperazione italiana  
*V. Hurtubia, F. Giordano, C. Castelli*
- 90 University-NGOs partnership in formal education: the experience of CIVIC.A.S.  
*Francesco Mongera, Michela Bortoli, Guido Zolezzi, Marco Bezzi*
- 91 A wood in the San Salvario neighborhood: A Photovoice project  
*Valentina Noya*
- 92 Indo-Italian International School on "Use of e-infrastructures for advanced seismic hazard assessment in Indian Subcontinent"  
*Antonella Peresan, Giuliano F. Panza, Giampiero Viezzoli*
- 93 L’osservazione: uno strumento di lavoro per gli educatori della prima infanzia.  
*Maria Nives Sala, Paola Molina*
- 861 Master in Architecture for Health  
*Addendum Francesca Giofrè, Giuseppe Primiceri, Ivana Miletic*

## SESSION: GLOBAL HEALTH

### Training abroad for residents

- 94 Training abroad for residents  
*Luisa Mondo, Giuseppe Costa*

### Global Health Governance, healthy systems and development cooperation

- 97 Global Health Governance, healthy systems and development cooperation  
*Eduardo Missoni, Angelo Stefanini, Paola Brusa*
- 100 The role of the university in the global health strategies of the Italian development cooperation  
*Angelo Stefanini, Eduardo Missoni*



- 107 Global health education and the growing need for policy-making and management training of future health-relevant professionals  
*Eduardo Missoni, Fabrizio Tediosi*
- 117 The challenge of training health personnel in resource-limited settings  
*F. Castelli, S. Caligaris, A. Matterelli, M. Bettinzoli, G. Sulis, V. Pietra*
- 123 A.P.P.A.® PROJECT: an example of international health cooperation  
*Francesca Baratta, Antonio Germano, Gaetano Di Lascio, Paola Brusa*
- 130 GHC-TUSCANY: new partnerships for the global health  
*Maria José Caldés, Nicole Mascia, Michele De Luca*

#### **Posters**

- 135 ARACNE Tessere reti per il diritto alla salute dei migranti  
*Comitato Collaborazione Medica*
- 136 Promozione della salute in una società multietnica  
*Iolanda Vigna, Christel Makoutsin, Mirela Rau, Bi Xu, Mariamel Gendi, Maria Cristina Odiard, Claudia Spezia, Maria Luisa Soranzo*
- 137 Impact of pregnancy and labour complications on neonatal outcomes: a retrospective cohort study in a rural hospital of Ethiopia  
*Elisa Bobba*
- 138 Positive and negative effects of financial and non-financial incentive mechanisms for health workers in rural and remote areas of Ethiopia. Focus on Oromiya, Somali and Tigray regions  
*Maria Alessandra Brocardo*
- 139 Professionalization of future humanitarian health workers: an innovative hybrid training course for residents in anesthesia and critical care medicine in collaboration with an Italian NGO.  
*P.L. Ingrassia, M. Foletti, L. Ragazzoni, A. Ripoll, F. Della Corte.*
- 140 Humanitarian Medic: an innovative training program for the professionalization of humanitarian health workers in anesthesia and critical care medicine during residency programs.  
*P.L. Ingrassia, M. Foletti, L. Ragazzoni, A. Ripoll, F. Della Corte*
- 141 Selezione e uso di idonei alimenti locali per la prevenzione della malnutrizione infantile  
*Bruna Santini, Emanuela Nigro, Maria Luisa Soranzo*
- 142 Bibliographic repository. Comitato di Collaborazione Medica (CCM)  
*G.P. Zara, S. Rasetti, F. Locatelli, L. Palmucci, C. Rigazzi, M. Passatore, A. Levis, M. Bertini, M. Fascendini, E. Bobba*
- 862 A.P.P.A.® Project: study of pediatric formulations for using in developing Countries  
*Addendum Francesca Baratta, Francesca Tarditi, Paola Brusa*

#### **SESSION: SECURITY, RISKS, CONFLICTS AND VULNERABILITY**

##### **Geomatics for emergency management**

- 143 Foreword to the oral session “Geomatics for emergency management”  
*Piero Boccoardo*
- 146 Evaluation of TRMM Satellite data for mapping monthly precipitation in Pakistan by comparison with locally available data  
*Muhammad Adnan Shahid, Piero Boccoardo, Walther Cámara García, Adriana Albanese, Elena Cristofori*
- 155 Flood-risk mitigation in the Soliette River Basin: an international cooperation initiative (Haiti, Dominican Rep., Italy)  
*A Domeneghetti, L. Brandimarte, M. Barbarella, A. Castellarin, L. Brandimarte, G. Di Baldassarre, A. Brath*
- 164 Unmanned Aerial Systems for data acquisitions in disaster management applications  
*Irene Aicardi, Filiberto Chiabrando, Andrea Lingua, Francesca Noardo, Marco Piras*

##### **Posters**

- 172 Realisation of a Geomatics Laboratory for the Management of Hydrogeologic and Seismic Risks  
*Giorgio Poretti, Chiara Calligaris, Michele Ferneti*
- 863 Solid waste management in armed conflicts and unstable conditions: a case study from the Gaza strip  
*Addendum Marco Caniato, Mentore Veccari*

#### **SESSION: HUMAN SETTLEMENTS, TERRITORIES AND COMMUNITIES**

##### **Sustainability of appropriate environmental technologies in developing countries**

- 173 Sustainability of appropriate environmental technologies in developing countries  
*CeTAmb*

- 175 Sustainability of appropriate environmental technologies in developing countries: general framework  
*Carlo Collivignarelli, Sabrina Sorlini, Francesco Vitali*
- 179 Sustainability of water supply projects: considerations from two case studies  
*Sabrina Sorlini, Luca Rondi*
- 188 Healthcare sustainable design in the global south. A tale of two stories.  
*Marco Morandotti, Daniela Besana*
- 196 International university cooperation for valorizing crude earth as building material in Chad and Cameroon  
*Jean Pierre Temga, Angelo Mazzù, Jean Pierre Nguetnkam, Daniela Palazzini, Robert Ndjouenkeu, Francesco Vitali*
- 204 Enhancing energy access for the poor: the role of appropriate technologies in the use of traditional solid fuels  
*Francesco Vitali, Mentore Vaccari*
- 210 Study of design of a low environment and social impact landfilling in Togo, Assahoun Village  
*Alessandra Bonoli, Sara Bellavita*

#### **Emergency vs Development. The architectural project within development cooperation**

- 216 Emergency vs Development. The architectural project within development cooperation  
*Francesca De Filippi, Alessio Battistella*
- 218 Architecture quality of cooperation projects  
*Camillo Magni*
- 220 A methodological proposal for the assessment of the sustainability of post-disaster reconstruction processes  
*Elisa Salvaneschi, Marco Morandotti*
- 228 Developing emergency  
*Riccardo Vannucci*
- 237 Vernacular approach to architectural design in a development cooperation experience with Mexican indigenous communities  
*Roberto Pennacchio, Roberta Nicchia, Alessandra Basile, Andrea Tulisi.*

#### **Community development and psycho-social intervention**

- 245 Community development and psycho-social intervention  
*Alfredo Mela, Norma De Piccoli*
- 246 International cooperation in the field of higher education: the TEMPUS Programme  
*Norma De Piccoli, Silvia Gattino, Cristina Mosso*
- 249 African cinema as instrument and opportunity in inter-academic cooperation: a project in Ngozi (Burundi)  
*Emanuela Gamberoni*
- 254 Appreciative inquiry in Saint Martin: exploring the potential for change  
*Manuel Marrese*
- 261 Identidad, memoria y desarrollo de comunidad  
*Anna Maria Bastianini, Ester Chicco, Alfredo Mela*
- 864 Cooperation, discours, changement: bias dans le discours academique sur le conflit  
Addendum *Davide Ziveri, Angela Fedi*

#### **Plans and projects “beyond the boundaries”: subjects, knowledge and tools**

- 267 Plans and projects “beyond the boundaries”: subjects, knowledge and tools  
*Daniela De Leo*
- 270 Una exploración de los currículos de las escuelas europeas de planeamiento en el ámbito de la planificación descentralizada  
*Valentina Alberti, Sara Bindo, Enrica Gialanella*
- 276 Spatial planning in predominantly vernacular settlements. The case of African rural towns.  
*Roberta Nicchia*
- 284 Developing the new strategic Masterplan for Herat (Afghanistan)  
*Mirella Loda, Mario Tartaglia*
- 293 Knowledge and processes of sustainable development for the South-East Europe  
*Chiara Camaioni, Ilenia Pierantoni, Massimo Sargolini*
- 301 Beyond tourism: discovery of the historical and artistic heritage of Havana  
*Micaela Scacchi*
- 309 Sapienza Millennium. Projects and thoughts. University of Rome Sapienza and the international cooperation  
*Maria Grazia Montella*

## Posters

- 315 Participatory design and building with international students and indigenous communities of Mexico  
*Alessandra Basile, Roberta Nicchia, Roberto Pennacchio, Andrea Tulisi*
- 316 Haiti | 1 | Foyer d'accueil aux enfants démunis d'Haiti  
*Architettura Senza Frontiere Piemonte ONLUS*
- 317 Argentina: Cooperation between Fossano and Rafaela  
*Architettura Senza Frontiere Piemonte ONLUS*
- 318 Haiti | 2 | Re-start from straw  
*Architettura Senza Frontiere Piemonte ONLUS*
- 319 Multiple voices design for the south of Quito: cooperation between universities and municipalities  
*Roberta Bianchi, Luca Brivio, Maurizio Chemini, Alberto Merigo*
- 320 Elimu na Malezi: psychosocial adjustment assessment in Tanzanian primary school children  
*Massimo Cotichella, Emanuela Rabaglietti, Beatrice Sacconi, Samwel Kilimuhana, Vivian Nankurlu*
- 321 Float-ram: a new human powered press for earth blocks  
*Carlo Ferraresi, Walter Franco, Giuseppe Quaglia*
- 322 Design for emergency: training and educational practices  
*Alberto Giacardi, Irene Caltabiano*
- 323 Evaluation of the horizontal flow planted filters and anaerobic filter for the treatment of greywater in Venezuela  
*F.H. Gomez, S. Sorlini, F. Vitali, M.C. Collivignarelli*
- 324 Costruire con la comunità  
*Veronica Brugaletta, Giorgio Ceste, Marco Ciavaglia, Natalia Da Silveira Arruda, Selene Guelfi, Janet Hetman, Giacomo Lanino, Carlo Mossetti, Simone Peditto, Valentina Sismondo, CRD-PVS Politecnico di Torino*
- 325 Hervé Brugoux. Architetture in Madagascar  
*Laura Marino*
- 326 Team C.A.S.A.  
*Mezzosangue lab, AKO*

## SESSION: ECONOMIC DEVELOPMENT: ACTORS, NETWORKS AND PROCESSES

### Immigrant entrepreneurship

- 327 Immigrant entrepreneurship  
*Alessandro Arrighetti, Andrea Lasagni*
- 328 Percorsi evolutivi e varietà delle imprese etniche in Italia  
*Alessandro Arrighetti, Daniela Bolzani, Andrea Lasagni*
- 336 Immigrant women and entrepreneurship: strategies of development and forms of transnationalism  
*Deborah De Luca*

### Local development in international cooperation

- 345 Local development in international cooperation: issues, approaches and perspectives for a territorialisation of development policies  
*Egidio Dansero, Cristina Scarpocchi*
- 349 Local development: some personal reflections  
*Massimo Pallottino*
- 350 Territory and local development in the Italy-CILSS Fund  
*Egidio Dansero, Agnese Migliardi*
- 356 Producers' cooperatives brokers or mirrors of social structure: a case study from Northeast of Brazil  
*Carla Inguaggiato*
- 365 RENEP –Renewable energy for Palestine  
*Giulio Mondini, Sergio Olivero, Paolo Lazzeroni, Federico Stirano, Vito Antonio Ricci, Piercarlo Montaldo, Eliana Perucca, Carlo Micono, Guido Zanzottera*
- 370 The contribution of local taxation to the sustainability of the Millennium Development Goal 7C in the regions of Louga (Senegal) and Niamey (Niger)  
*Maurizio Tiepolo, Sarah Braccio, Mario Artuso*
- 378 Development cooperation and sustainable tourism in Mozambique: territorial systems and cultural heritage in the Zinave National Park  
*Sara Belotti*
- 386 The ILO's approach to local development  
*Roberto Di Meglio*
- 390 The territorial approach to local development and local governance: the UNDP ART initiative  
*Francesco Biciato*

**Microfinance: from theory to practice**

- 393 Microfinance: from theory to practice  
*Pierluigi Conzo*
- 394 Social inclusion through microfinance: an analysis of current approaches and new follow-up procedures  
*Andrea Bigio*
- 402 The willingness-to-pay for insurance: evidence from Southern Ethiopia  
*Davide Castellani, Belaynesh Tamire, Laura Viganò*
- 412 Microfinance in a post-disaster context: The case of the 2004 tsunami in Sri Lanka  
*Pierluigi Conzo, Leonardo Becchetti, Stefano Castrì, Davide Libralesso, Ilaria Urbinati*

**The Global economy and international development cooperation in emerging countries and new markets**

- 419 The global economy and international development cooperation in emerging countries and new markets  
*Emanuele Fantini*
- 420 The impact of emerging countries on Sub-Saharan African economies: factors of long-term growth?  
*Alice Nicole Sindzingre*
- 429 Generalized tariff preferences for development and emerging countries: assessment and perspectives  
*Lorenza Mola*
- 438 Crowding in the private sector under a developmental state: which role for international cooperation in Ethiopia?  
*Michele Boario, Emanuele Fantini*

**Posters**

- 446 Processo di pianificazione delle catene alimentari per la creazione di sistemi alimentari in un'ottica di sviluppo locale  
*Andrea Calori, Andrea Magarini*
- 447 Best practices in micro-finance: evidences from the International Award  
*Maria Cristina Negro, Dario Peirone*
- 448 Community managed micro-finance experiences in Europe: the self-funded communities  
*Patricia Rodriguez Pulido, Francesca Lulli, Abdoulaye Fall*
- 449 Economic growth, inequality and new measures of well being. Preliminary issues and fieldwork.  
*Andrea Salustri*

**SESSION: DEVELOPMENT COOPERATION METHODS AND APPROACHES**

**Open Data and Open Access: which knowledge sharing for development cooperation?**

- 450 Open Data and Open Access: which knowledge sharing for development cooperation? Data and information organization for development cooperation and knowledge sharing  
*Susanna Sancassani*

**Beyond GDP: definition and making of new welfare indicators**

- 454 Beyond GDP: definition and making of new welfare indicators, reflecting on conceptual and methodological issues  
*Elena Camino*
- 456 From enforcement to dialogue. Listening to the voices of stakeholders: a challenge for university  
*Paola Bianca Camisani, Elena Camino*
- 465 Sustainability: from the imaginaries to the indicators... and back? The case of India  
*Simone Contu, Elena Camino*
- 474 Cultures of cooperation: strengthening the network with Gandhian economists  
*Nanni Salio*

**Rethinking international cooperation: the contribution of peace studies**

- 480 Rethinking international cooperation: the contribution of peace studies  
*Gianluca Brunori, Giorgio Gallo, Massimo Pallottino*
- 483 Development cooperation and the "Culture of peace" institutionalization  
*Pierluigi Consorti*
- 487 Development cooperation, peace studies and asymmetric conflicts  
*Valentina Bartolucci, Giorgio Gallo*
- 492 Why does international development cooperation need the contribution of peace studies? And why is peace research currently so marginal in international development cooperation?  
*Massimo Pallottino*

- 500 Donors' conditionality in conflict scenarios: the difficult relationship between grant aid agencies and beneficiaries  
*Federica De Sisto*

#### **Development cooperation and internalization of universities**

- 504 Development cooperation and internalization of universities  
*Angelo Stefanini, Alessandra Bonoli*
- 506 Initiatives to start with implementing sustainability process into University of Bologna  
*Alessandra Bonoli, Francesca Cappellaro*
- 511 International development cooperation and internationalization of the university: de-construct to re-construct with different types of knowledge  
*Angelo Stefanini*
- 517 Global partnership, participation and development cooperation: the role of public consultations launched by the United Nations in building a post-2015 Global Agenda aiming at a multi-dimensional and multi-scalar development  
*Simona Epasto*

#### **From a donors/beneficiaries relationship to mutual transformation**

- 525 From a donors/beneficiaries relationship to mutual transformation: imagining and evaluating the relational dimension in decentralized cooperation initiatives  
*Egidio Dansero, Stefano Rossi*
- 527 New social pathways: voluntary organizations for development and international solidarity in Tuscany  
*Fabio Berti, Cristina Capineri, Lorenzo Nasi*
- 534 La dimension relationnelle de l' "ici" dans les initiatives de coopération au développement. Reflexions sur les effets au Nord de la coopération décentralisée des parcs naturels du Piémont  
*Nadia Tecco*
- 540 Entre théorie et pratique: Université de Turin et coopération décentralisée piémontaise. Quinze ans de recherche dans le domaine des déchets  
*Roberta Perna*
- 548 Competences et pratique de coopération internationale en Senegal sur la route des talibés.  
*Giulia Gozzelino*
- 555 Decentralised cooperation as a policy for local change and international partnership: the experience of Trentino in the Balkans and in Mozambique  
*Jenny Capuano, Sara Franch, Massimo De Marchi, Stefano Rossi, Paolo Rosso*
- 563 Which future for a policy of Italian territorial cooperation integrated with the Western Balkan countries?  
*Andrea Stocchiero*

#### **Posters**

- 571 To look at development from a Gandhian perspective. Cultural exchanges, educational opportunities and twinships between schools  
*Elena Camino, Maria Ferrando, Maria Elena Bo*
- 572 A safe place for the victims of domestic violence: support to autonomy and development of local resources in the Balkans area (since 2006)  
*Maria Perino, Miranda Prosio*
- 573 Fund for cooperation and knowledge  
*Andrea Pichelli*
- 574 Multidisciplinary and interdisciplinary skills at the service of development cooperation: the activity of the CISAO of the University of Turin  
*Carlo Semita*

#### **SESSION: RURAL DEVELOPMENT, NATURAL RESOURCES AND ENVIRONMENT**

##### **Agriculture in developing countries between local rural development policies and international models of "land grabbing"**

- 575 Agriculture in developing countries between local rural development policies and international models of "land grabbing"  
*Francesco Costamagna*
- 577 The role of African governments in the land grabbing business  
*Hans Holmén*
- 584 The commoditization of commons: the role of civil society and academic organizations in global land grabbing  
*Davide Cirillo*

- 593 Large-scale land acquisitions and foreign direct investments: a challenge for international law  
*Stefano Montaldo*
- 602 The socio-economic impact of large-scale land investments: the case of Mali  
*Astrig Tasgian*
- 611 Land grabbing as a strategic game: a three level approach  
*Raffaele Bertini*

#### **Agro-biodiversity and diversified agri-livestock systems**

- 617 Agro-biodiversity and diversified agri-livestock systems  
*Riccardo Fortina, Cristiana Peano*
- 619 Cultural identity and conservation of indigenous and native diversity  
*Francesco Sottile, M. Beatrice Del Signore, Serena Milano, Cristiana Peano, Vincenzo Girgenti*
- 627 Local fruits and nuts as a tool for the development of Afghanistan  
*Edgardo Giordani, Gregory Cullen, Pablo Degl'Innocenti, Giuliano Masini*
- 636 Analysis of the sustainability of Slow Food Mushunu chicken presidium in Kenya  
*Daniela Fiorito, Nadia Tecco, Vincenzo Girgenti*
- 641 The role of diversity and diversification for resilient agricultural systems  
*Nadia Tecco, Vincenzo Girgenti, Cristiana Peano, Francesco Sottile*

#### **Agriculture and urban and peri-urban breeding**

- 646 Agriculture and urban and peri-urban breeding  
*Mario Mattoni, Daniele De Meneghi*
- 647 Preliminary results on the development of innovative site-specific integrated animal health packages for the rural poor  
*Mario Mattoni, Rajinder Saini, Charles Mahama, Issa Sidibe, Burkhard Bauer, Oumar Diall, Antonio Rota, Raffaele Mattioli*
- 654 La filière laitière en Afrique sahélienne: valorisation du produit local  
*Massimo Zecchini, Anna Cantafora*
- 660 Diffusion de l'insémination artificielle bovine dans des fermes en zone urbaine et périurbaine de Niamey, Niger: perceptions et perspectives  
*Carlo Semita, Moumouni Issa, Hamani Marichatou, Abdou Moussa Mahaman Maaouia, Abdoukadi Djibril, Tiziana Nervo*
- 668 Keeping dairy cattle in the Gaza strip: a case of study.  
*Cristiano Rossignoli, Francesco Di Iacovo, Roberta Moruzzo*

#### **Gender and rural development in cooperation programs**

- 669 Gender and rural development in cooperation programs  
*Angela Calvo*
- 671 International aid and gendered roles in agricultural value chains: some reflections from a rural development program in Northern Senegal  
*Cristiano Lanzano, Agnese Migliardi, Cecilia Navarra*
- 680 The experience of IIDA: twenty-two years of frontline engagement of empowerment of the people and especially women in Somalia  
*Mariam Yassin Hagi Yussuf, Hibo Yassin Hagi Yussuf, Davide Rigallo*
- 687 Gender mainstreaming in international development: an evaluation of strategies in health and education  
*Costanza Tognini*
- 696 Agricultural gender indicators to improve development programmes: a critical approach  
*Francesca Alice Centrone, Angela Calvo*

#### **Access to water and the nexus with food, energy and land: themes and indicators for the post 2015 global development agenda**

- 704 Access to water and the nexus with food, energy and land: themes and indicators for the post 2015 global development agenda  
*Emanuele Fantini*
- 706 Environmental mainstreaming and integrated policies in development cooperation after Rio+20: the emblematic case of water and food  
*Massimo Zortea*

#### **Posters**

- 716 Water and sanitation access in the South-Western region of Burkina Faso  
*I. Angeluccetti, V. Coviello, S. Grimaldi, P. Vezza, A. Koussoubé*
- 717 Sustainable biomass in developing countries  
*Federico Barigazzi, Stefano Bechis, Paolo, Giglio, Thomas A. Lawand*
- 718 Application of solutions developed for DCS in Italy

- Stefano Bechis, Federico Barigazzi, Giulio Re, Thomas A. Lawand*  
719 Milk and dairy products supply to urban and periurban market in Niger by the creation of a cooperative dairy unit
- Anna F.A. Cantàfora, Filippo De Monte, Simone Stella, Massimo Zecchini, Miro C. Crimella*  
720 'Italy in Senegal': large-scale investments and support for family farming  
*Giorgio Roberto*
- 721 Ten years of cooperation on sustainable agriculture between China and Italy  
*Maria Lodovica Gullino, Angelo Garibaldi, Massimo Pugliese, Corrado Clini*
- 722 Creating and improving professionals in the management of livestock farming in the Sahelian area  
*Tiziana Nervo, Gabriella Trucchi, Moumouni Issa, Marichatou Hamani, Alhassane Yenikoye, Victorin Codjia, Carlo Semita*
- 723 Environmental resources and decay in Cape Verde. A survey in Santo Antão and São Vicente  
*Stefano Orlandi, Angela Calvo*
- 724 La riforma silenziosa. Come lo Stato ruba la terra  
*Alessandra Portis*
- 725 The H<sub>2</sub>O/Ortisol model. Sun and water management for a reliable and sustainable horticultural production  
*Maurizio Previati, Stefano Bechis, Davide Canone, Stefano Ferraris*
- 726 Transfer of agro-livestock technologies for biodiversity preservation in Sahelian environment  
*Carlo Semita, Riccardo Fortina, Francesco Cristofori, Ousseina Saidou Touré, Moumouni Issa, Marichatou Hamani, Alhassane Yenikoye, Tiziana Nervo*
- 727 Improvement of the dairy production chain in the rural areas of Ecuador through the use of repeatable teaching model  
*Martina Tarantola, Gianluca Pressi, Paolo Rodighero, Luca Nicolandi, Emma Della Torre, Ivan Garcia, Carlos Arce, Claudia Durando, Achille Schiavone*
- 728 A multilingual approach to preserve vineyard landscapes' agrobiodiversity.  
*Francesca Varvello*

## **SESSION: CULTURAL COOPERATION**

### **Traditional medicines and local knowledge**

- 729 Traditional medicines and local knowledge: policies, international aid and academic research  
*Elisa Bignante*
- 731 Les relations entre la médecine traditionnelle et la médecine officielle au nord du Senegal: un étude comparative  
*Laura Sinagra Brisca, Sabrina Renzi*

### **Cooperating for cultural heritage conservation**

- 739 Cooperating for cultural heritage conservation  
*Francesca Declich, Cecilia Pennaccini*
- 740 Cultural cooperation by way of ethnography: a Ugandan case study (Corus Project)  
*Anna Baral*
- 747 The Italian ethnological mission to Ghana and cultural cooperation: heritage-making processes in the Nzema Area (South-West Ghana)  
*Mariaclaudia Cristofano, Stefano Maltese, Elisa Vasconi*
- 754 The promotion of heritage inside the politics of tourism development of Mozambique. The role of international cooperation  
*Elisa Magnani*
- 760 Sperimentazione di modelli per il rafforzamento delle istituzioni alle quali è affidata la conservazione del patrimonio culturale: casi di studio in Cina e in El Salvador  
*Mario Micheli*

### **A better knowledge for a better cooperation**

- 768 A better knowledge for a better cooperation: the contribution of human sciences for an intercultural cooperation to development  
*Ilaria Micheli, Mauro Tosco*
- 769 The power of ethnic labeling: the role of international cooperation and academic community in shaping the new indigenous movement in Bolivia  
*Lorenza Belinda Fontana*
- 777 Safeguarding the past to guarantee a better future. The role of ethnolinguistics in the Necofa Project among the Mariashoni Okiek Community  
*Ilaria Micheli*
- 785 Strategies of land exploitation and management in the area of Aksum (Northern Ethiopia) Between the first millennium BC and the first millennium AD

*Luisa Sernicola*

- 791 The case of Zimbabwe Bushpump like a socio-technical network  
*Federico Silvestri*

- 798 Language uses vs. language policy: South Sudan and Juba Arabic in the post-independence era  
*Stefano Manfredi, Mauro Tosco*

**Posters**

- 803 Formazione linguistica e interculturale: I laboratori di francese per studenti non italofofoni e di lettura comparata dei miti letterari  
*Patricia Kottelat, Laura Rescia, Monica Pavesio*

**SESSION: ICT AND MEDIA FOR DEVELOPMENT**

**Blurring boundaries, reshaping technologies, merging know-hows: a reflexive approach to ICT4D in developing countries**

- 804 Blurring boundaries, reshaping technologies, merging know-hows: a reflexive approach to ICT4D in developing countries  
*Iginio Gagliardone, Daniele Trincherò*
- 805 China and the African internet: perspectives from Kenya and Ethiopia  
*Iginio Gagliardone*
- 812 Mapping map Kibera: what is behind the map?  
*Elisabetta Demartis*
- 821 M.U.S.I.C. – Mediterranean Urban Sounds Interactive Culture  
*Antonella Contin, Alessandro Frigerio, Paola Bellaviti*

**Communicating development and international cooperation**

- 827 Comunicare lo sviluppo e la cooperazione internazionale  
*Silvia Pochettino*
- 828 The communication of international cooperation and development in Piedmont  
*Sara Minucci*
- 835 Ong e social media: i risultati di un'indagine di mappatura della presenza online delle organizzazioni non governative italiane  
*Donata Columbro*
- 840 The representation of the cooperation north-south in the Catalan media  
*Xavier Giró*

**New technologies for inclusive urban development**

- 846 The ICT for an inclusive urban development  
*Francesca De Filippi, Serena Pantanetti*
- 848 The use of ICT for social inclusion and participative planning. A case study of "south-north" technology transfer  
*Francesca De Filippi, Serena Pantanetti*
- 853 An effective strategy to develop efficient services for a digital-divided population  
*Riccardo Stefanelli, Abel Rodriguez de la Concepcion, Elisa Pievanelli, Daniele Trincherò*

**Posters**

- 858 Participatory methodologies for a responsible tourism: the Zinave National Park (Mozambique)  
*Sara Belotti, Diathesis Cartographic Laboratory*
- 859 Oltre la cartografia partecipativa: raccolta coordinate con palmari GPS e condivisione di geodati via web (2.0)  
*Antonio Maini*

- 860 *Addendum*



# EMERGENCY vs DEVELOPMENT. THE ARCHITECTURAL PROJECT WITHIN DEVELOPMENT COOPERATION

Francesca De Filippi\*, Alessio Battistella°

\* DIST, Politecnico di Torino, Italy, [francesca.defilippi@polito.it](mailto:francesca.defilippi@polito.it)

°Arcò (Architettura e Cooperazione), [a.battistella@ar-co.org](mailto:a.battistella@ar-co.org)

## ABSTRACT

The aim of Panel was to take stock of the role that architecture holds in international cooperation. It is an environment in which construction keeps a central position, investing, every year all over the world, enormous economical resources and intensively increasing the amount of buildings; but to date it seems to not notice the difference existing between the action of building and the one of doing architecture, completely ignoring a research over the issues of sustainability, comfort and shape quality.

The panel drives to pinpoint different possible ways to overcome the categories that have always characterized the cooperation interventions: emergency, transition and development, in order to identify transversal paths in which architectural quality would established the direction to follow. To succeed in this intent, three reflection spheres were proposed to identify fragilities and opportunities that should be the starting point to renew the role of architecture within the international cooperation.

## EMERGENCY VS DEVELOPMENT

The steady reduction of the economic resources invested in international cooperation during the last years had gradually faced the shift of efforts exclusively towards “emergency” contexts, neglecting an approach linked to the “development” of the interested areas.

### **Is it possible to reach a convergence between those two spheres?**

### **How to do “development” with the “emergency” intervention timing?**

*The paper of Camillo Magni (Politecnico di Milano and Architetti Senza Frontiere, Italy) focuses on the issue of “quality” in architecture, specifically in the Humanitarian Aid field, where quality seems to be considered not essential, but rather a “surplus” if compared with more urgent needs. Most of the cooperation's projects take place in emergency situation, nevertheless in extremely poor conditions. The paper is meant to reflect on aspects influencing quality in architecture in a development cooperation scenario and on how a different design approach may affect the final result.*

*The paper of Elisa Salvaneschi and Marco Morandotti (University of Pavia, Italy), titled “Sustainability of post-disaster reconstruction processes: a proposal of methodology for the assessment”, presents the results of a PhD research carried out in the University of Pavia Civil Engineering and Architecture Department.*

*The research starts from the assumption that although both literature and the humanitarian field recognize two dimensions - emergency response and development processes – in aid interventions in the Global South, this distinction is appropriate for the first phase of post-disaster emergency, but not for the processes of reconstruction.*

*In the Authors' viewpoint the processes of reconstruction are the connection point between the processes of emergence and the development within the cooperation.*

*The paper introduces a method that could allow to evaluate the actual appropriateness, sustainability and development of the emergency response and development processes, through a comparison between indicators linked to the pre-disaster housing stock and to the reconstruction. The cross between the parameters of the housing system and those relating to the environmental, social and economic systems, makes it possible to include the interactions between external factors and the project into the process.*

## THE ARCHITECTURAL PROJECT IN COOPERATION, FUNDING PROSEDURES

Procedures linked to architectural projects' funding often follow unexpected practices.

Either they are financed before the fulfilment of the design phase, without knowing what is actually going to be built, or the design phase is not considered as a propaedeutic and necessary moment for the realization, acknowledging as payable only the Project Manager, who should then start building without having in hand an Executive Project.

This Panel aims to tackle and to improve the procedures heading for the acknowledgement of the *project* value as

an essential moment also in emergency contexts.

*Humanitarian emergency is an area where design does not seem to play a role. The aim of the paper presented by Riccardo Vannucci (FAREstudio, Italy) is to analyse if and under which circumstances such a condition can be reversed, in the perspective of affirming appropriate shelter as a human right, and consequently design as one of the tool that can contribute to such appropriateness. The Author's viewpoint, after several experiences in the international cooperation for development, is the conviction that discipline and profession require a thorough, responsible consideration about principles and practices that counteract the current trend to reduce design, and architecture in a peculiar way, to a commodity.*

*The proposed strategy is therefore to get involved with radical environments such as refugee camps and to actively experience conditions and strategies for a responsible presence. The result is inevitably contradictory and stresses once again the relevance of external factors, mainly procurement strategies, over technical ones, whereas the most important contribution by the profession, and discipline, is an appropriate balance between typological and technological innovation.*

## APPROACHES TO THE ARCHITECTURAL PROJECT

With a great simplification effort there could be defined two main approaches to the architectural project in the international cooperation sphere:

- vernacular which aims to the recover and development of local materials and techniques with a low technological content;
- prefabricated which aims to a quick solution of the issue, delivering on the site elements already-made elsewhere.

This Panel aims to highlight the points of strength and of weakness of both those approaches through excellence practices.

*The paper of Roberto Pennacchio, Roberta Nicchia et al. (Archintorno, Italy) describes the strengths and weaknesses of the “vernacular” vs. “prefabricated” approach through the analysis of the three experiences carried out by Archintorno in Mexico in a developing cooperation framework.*

*Archintorno is a no-profit organization promoting development cooperation projects with indigenous communities in the Mexican State of Oaxaca since 2005. These initiatives involve academia, local authorities, CBOs and professionals (in and outside Italy) and are based on the Design-Build Studio format, that foresees the direct involvement of university students in the design and building process.*

*The paper argues about the impact of a building project on the local community in terms of economic, socio-cultural aspects, as well as its effects on the environment and promotes a “vernacular-oriented” approach which is, in the Authors' opinion, more consistent with the local context.*