

ACSA/AIA Housing Design Education Award

2015-2016 Winner Submission Materials

THE INVISIBLE HOUSES

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the Invisible Houses is:

a curriculum based on:

- 7 international workshops (w)
- 9 housing studios (hs)
- 2 housing courses (hc)

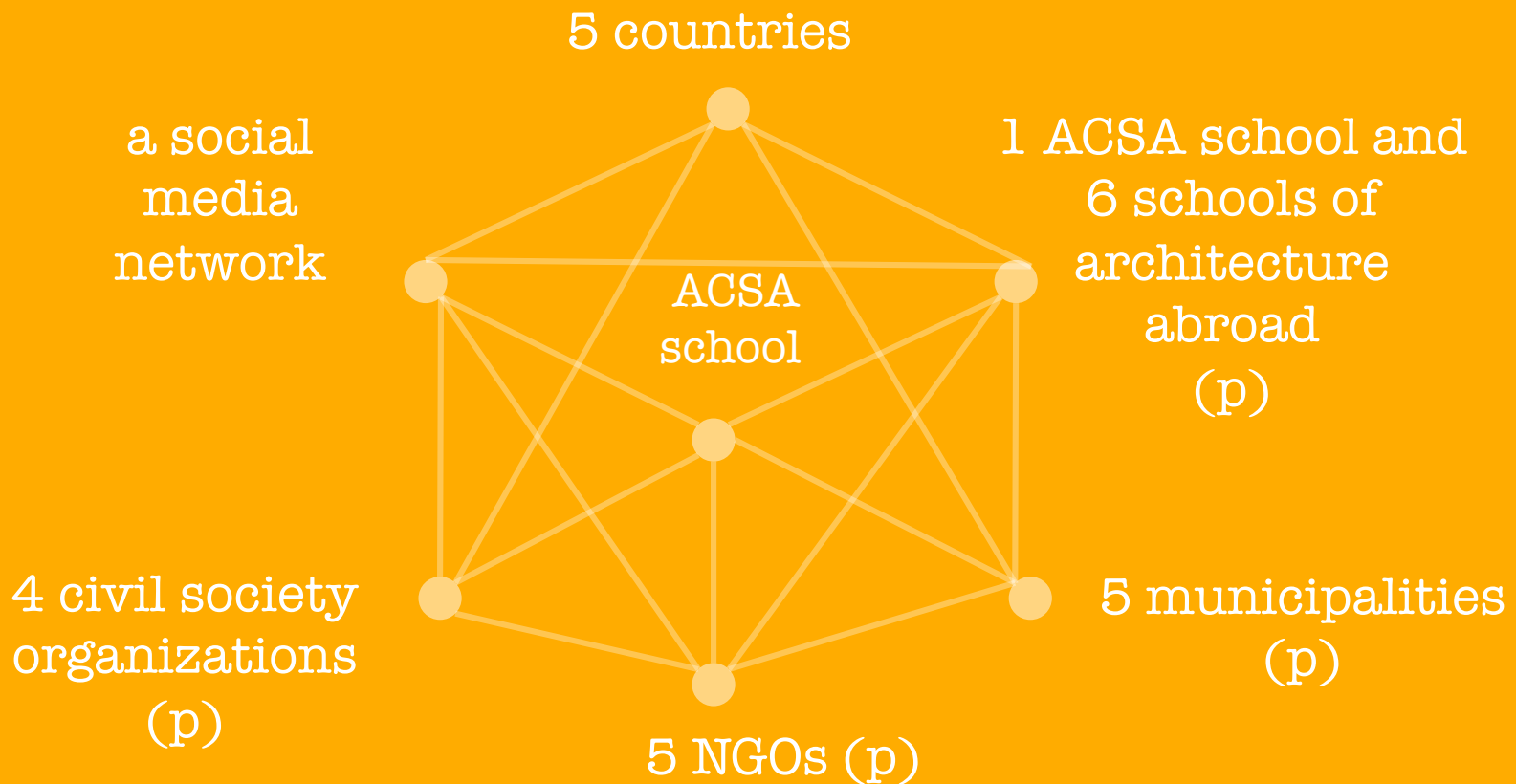
enriched by:

- constant dialogues with communities, and partnerships (p) with schools of architecture, cities and stakeholders
- 7 international conferences (ic)
- 7 international student competitions (sc)
- more than 40 publications
- 4 funded research projects (rp)

summarised in:

- a book (b) published in 2014

seven workshops (w) based on international partnerships (p)





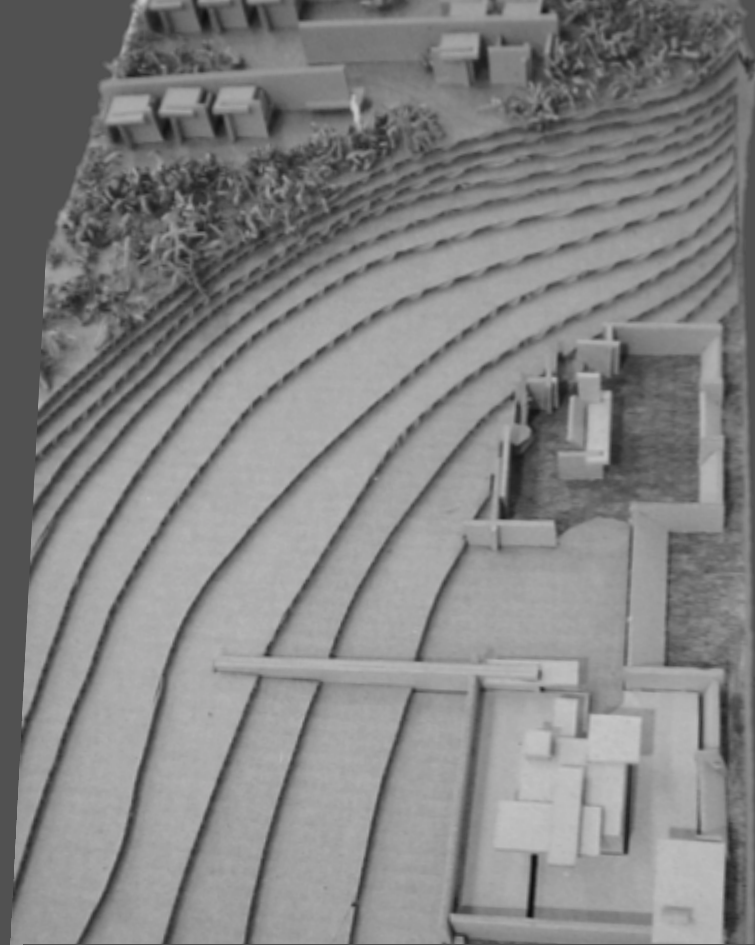
(w1): early work in downtown Montreal with 3rd year students of architecture to design, build and test a temporary housing unit for cold weather - with a partner School (p1)

The Important thing for government is not to do things which individuals are doing already; but to do those things which at present are not done at all.

John Maynard Keynes, 1926



The dilemma of collective and individual responsibility for the upbringing of the little people of Mfuleni

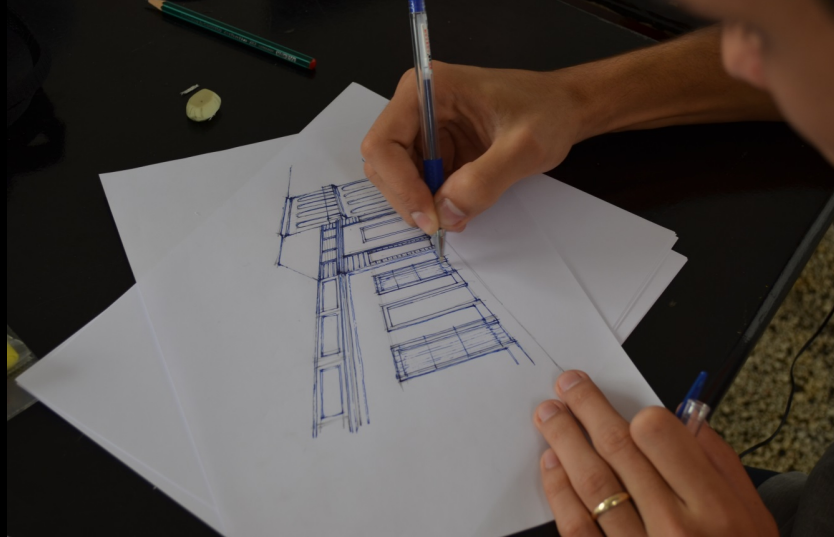


(w2): students' work exploring housing conditions in Mfuleni, South Africa, with a local university (p2), 2006

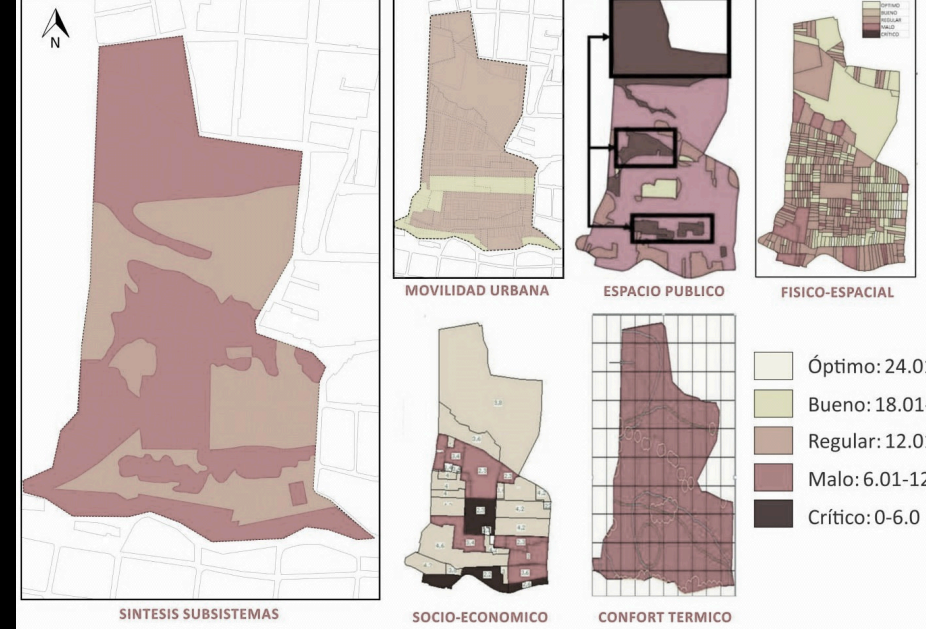
(w3): international housing studio in Rio de Janeiro, co-organized with a local (p3) and a Colombian university (p4)



(w4): leaders of community groups, academics and public officers meet to discuss housing challenges in Santa-Clara, Cuba, in 2014, co-organized with a local university (p5)



(w5): students' work during a housing workshop in Cali, Colombia, 2012 (p6)



(w7): Canadian and Haitian students work together in Cité Lojoie, Port-au-Prince, 2013 (p7)



(w6): Canadian and Cuban students work together in a housing workshop in Santa Clara, 2015 (p5)

nine housing studios (hs) and two housing courses (hc)

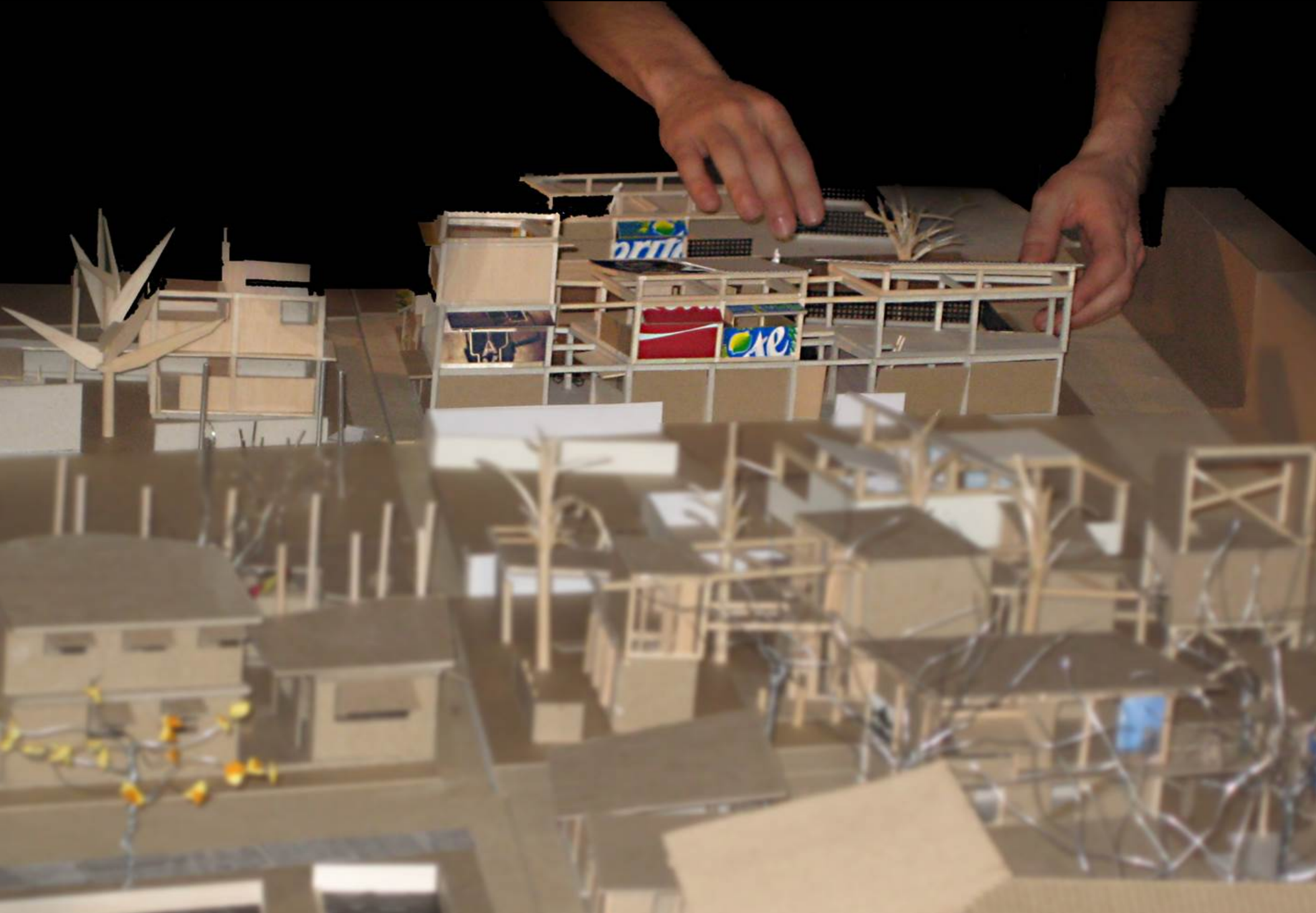
exploring among others:

- the role of stakeholders and the process of housing development
- vulnerabilities and mechanisms of adaptation
- urban and social integration

(hc1): teaching material for exploring housing conditions in Canadian suburbs

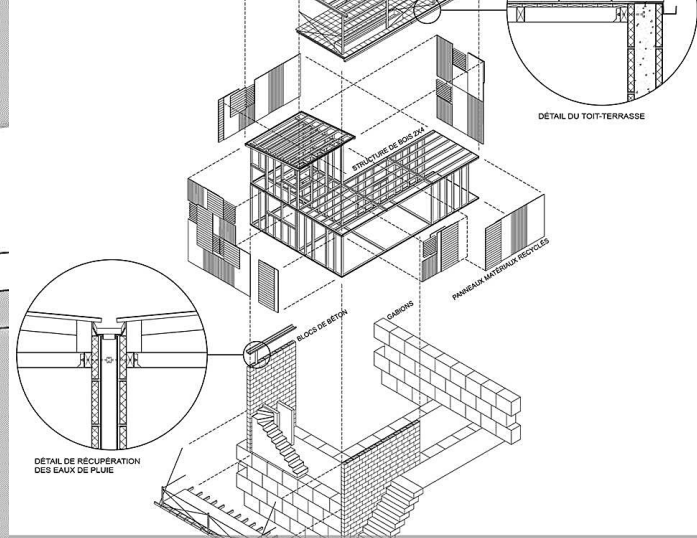
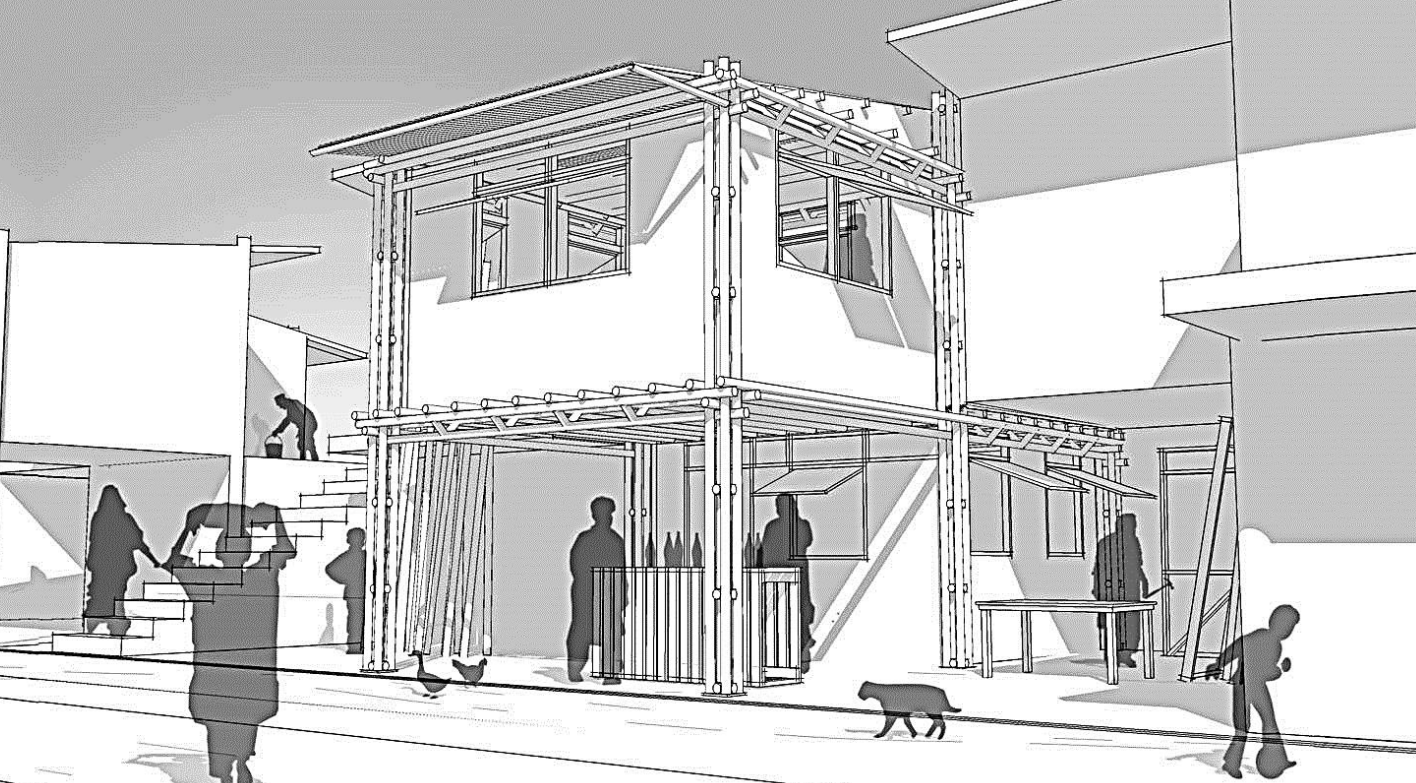


(hs1): students experiment with incremental informal housing in developing countries during a studio session in 2008

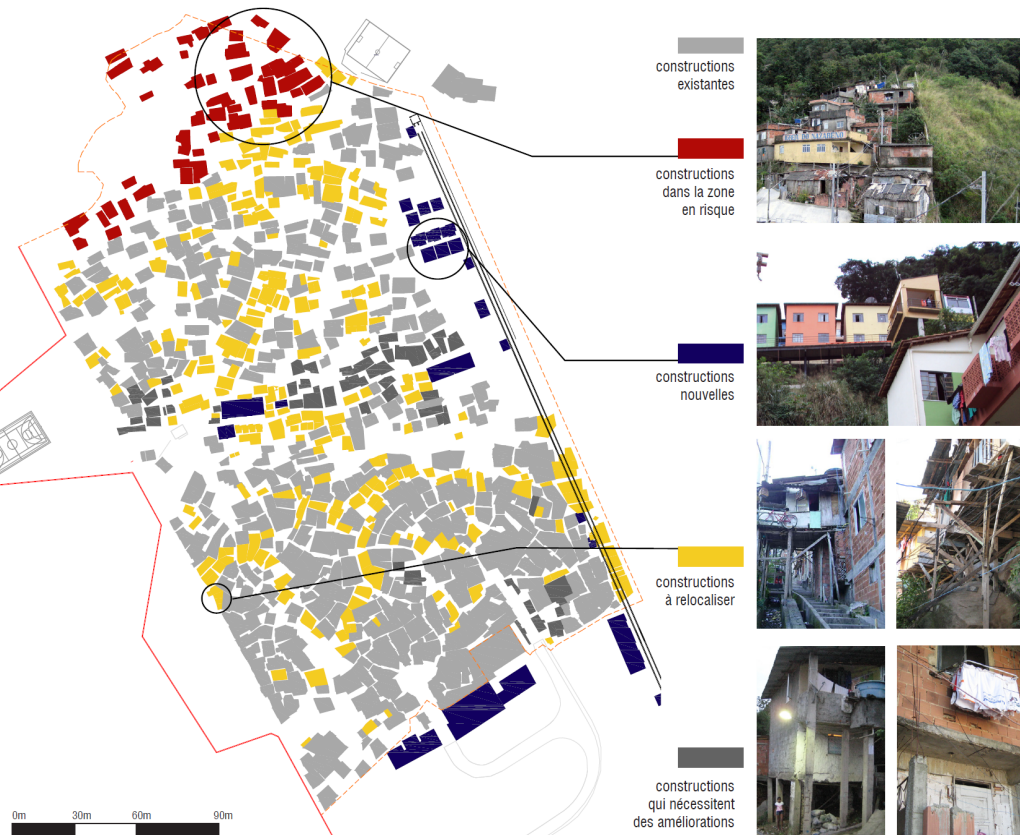




(hs1): students' work exploring links between housing and collective services in Ivory Coast



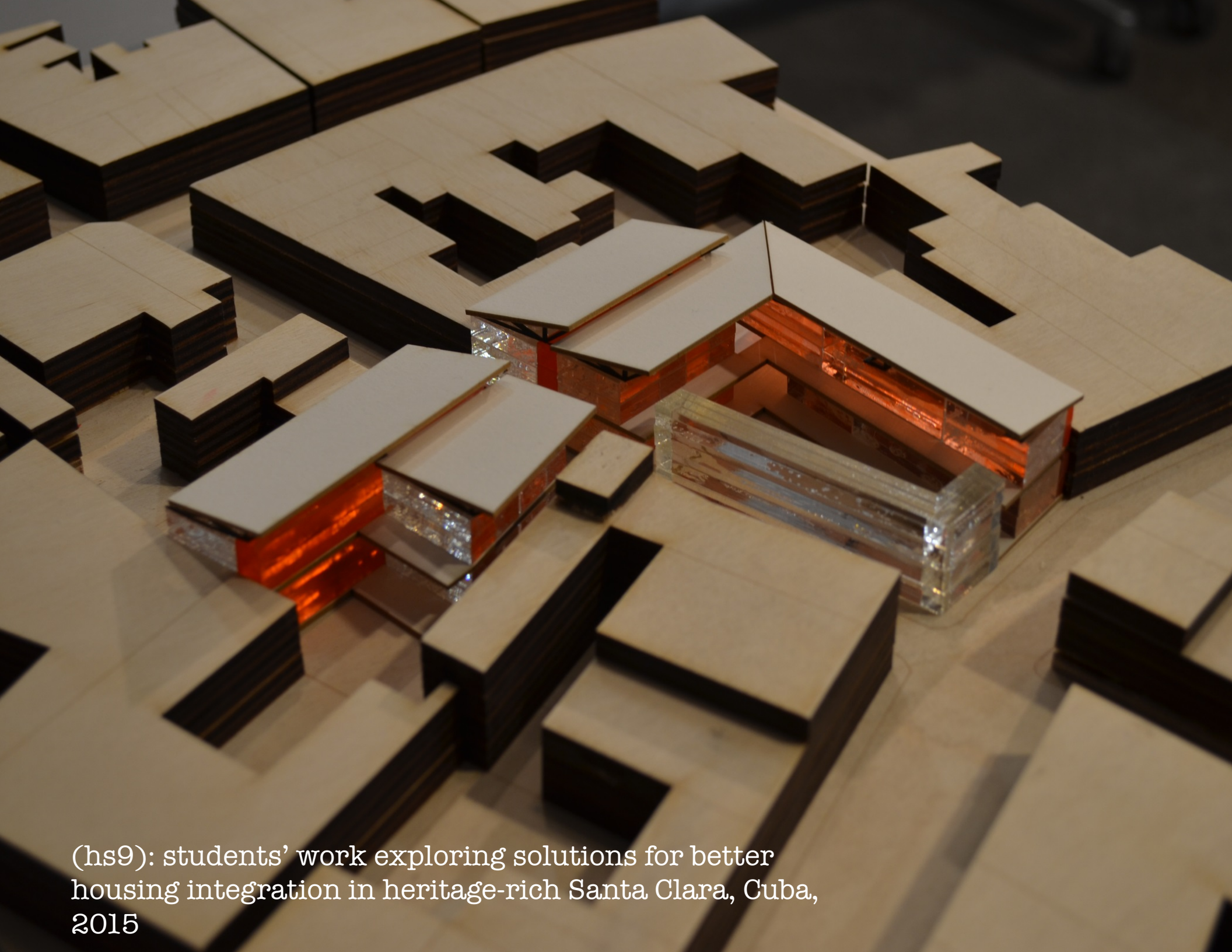
(hs2): students' work exploring post-disaster housing in Kashmir, 2007



(hs3): students' work exploring housing vulnerabilities in Favela Santa Marta, Brazil, 2009

(hs8): students' work exploring incremental housing solutions for residents of Cité Lajoie, Port-au-Prince, 2014.





(hs9): students' work exploring solutions for better housing integration in heritage-rich Santa Clara, Cuba, 2015

seven international conferences (ic)

co-organization of seven international conferences in the
field of housing reconstruction after disasters

Montreal 2002

Coventry 2004

Florence 2006

Christchurch 2008

Ahmedabad 2010

Ascona 2013

London 2015



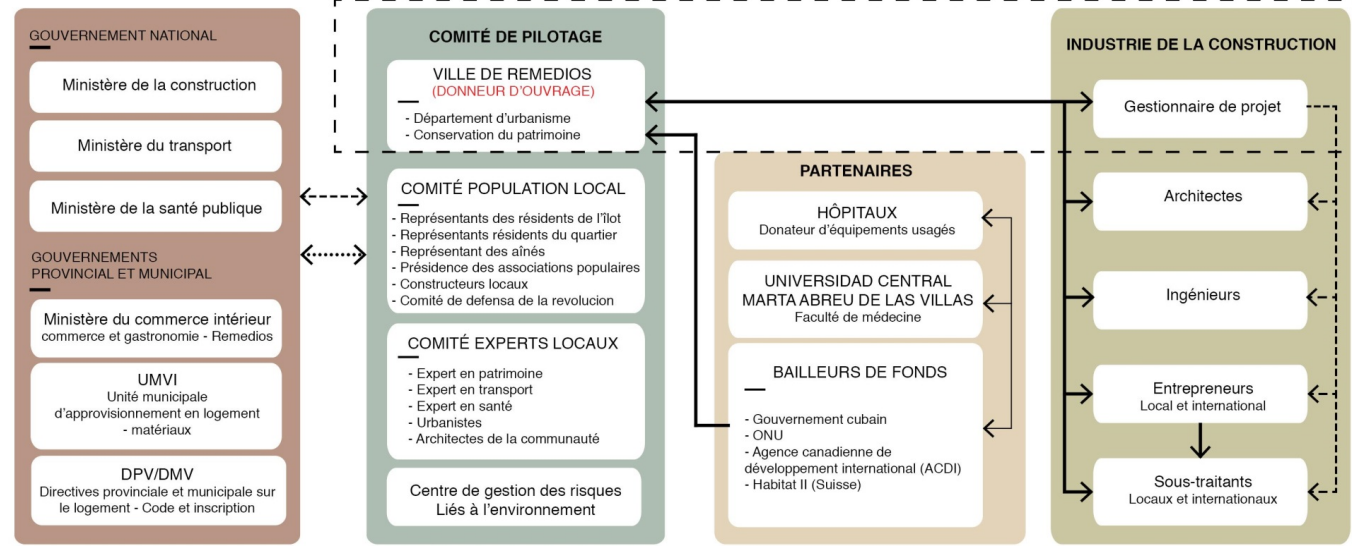
(ic5): leaders of civil society groups and academics meet in Bhuj, India to discuss about housing needs during the international conference in 2010

seven international student competitions (sc)

the applicant is the organizer of a recognized international student competition (every two years since 2002), that explores issues related to risk reduction and post-disaster housing reconstruction.

More than 20 schools of architecture have participated

(sc7): students' entry in 2015 exploring the role of stakeholders and a housing solution for elders in Santa Clara, Cuba



the publication in 2014 (b)



the Invisible Houses (b) compiles results from 6 conference proceedings (for which the applicant was a co-editor), more than 40 articles in the field of housing and a previously co-authored book called *Rebuilding After Disasters*, which emphasized the role of low-cost housing in the recovery of lives and sustainable livelihoods after disasters.

published by Routledge, the Invisible Houses (b) takes readers on a journey through the slums and informal settlements of many countries of the global south and reveals the challenges of, and opportunities for, improving the fate of millions of poor families.



four funded research projects (rp) in the field of housing



(rp1 and 2): The Disaster Resilience and Sustainable Reconstruction Research Alliance – Funded by FQRSC, DRI, AEdifica and SSHRC

610,000 \$

Principal investigator

(rp3): Advanced Disaster, Emergency and Rapid Response Simulation – Funded by NSERC

1,400,000\$

Co-applicant

(rp4): Urban study for the reconstruction of Port-au-Prince, Haiti – Funded by the European Union

500,000\$

Co-applicant