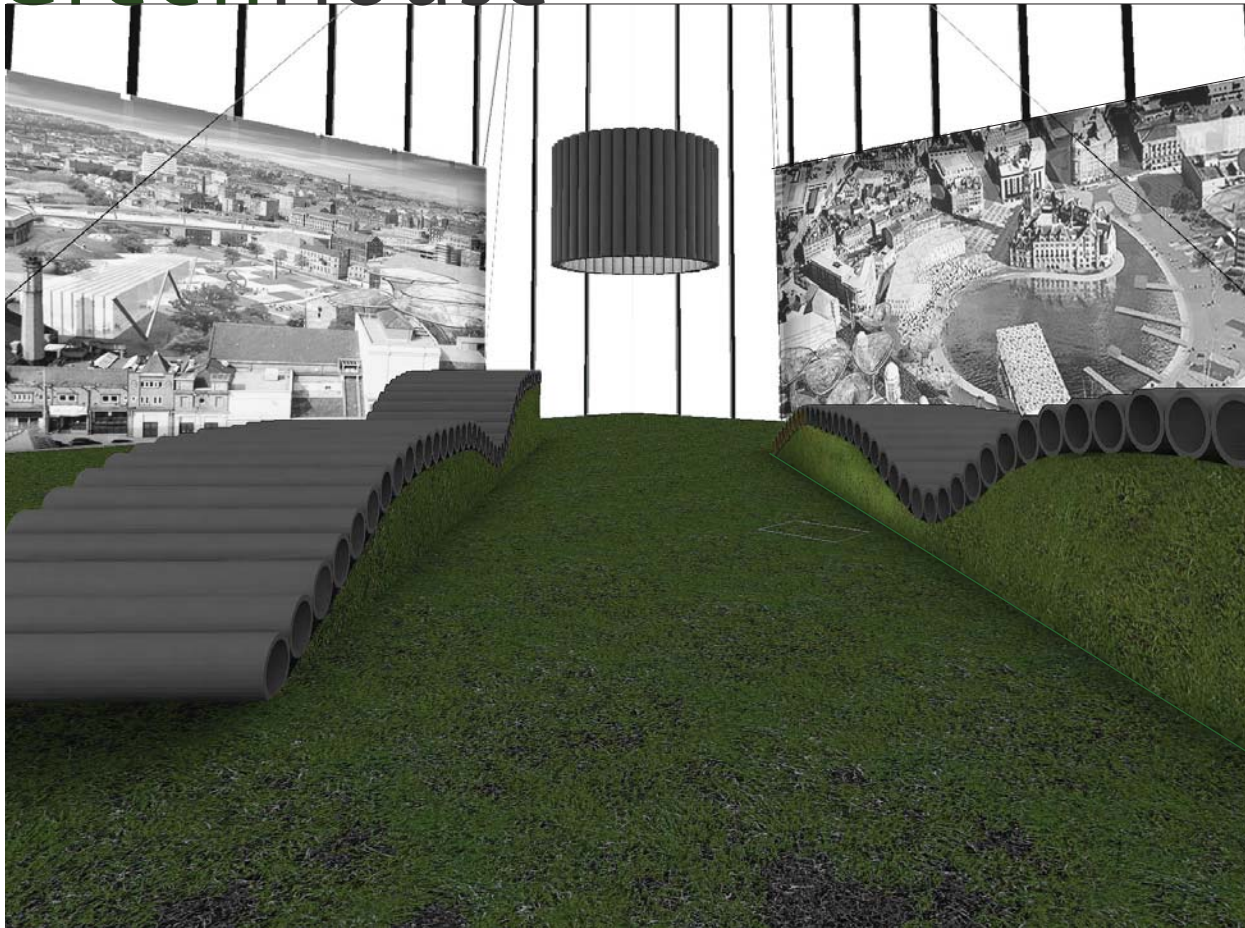


GreenHouse



Central Exhibition Hall Manezh, Moscow, Russia
October 15–18, 2009
16 “green” projects
Annual Architectural Festival, “Zodchestvo-2009, Index of Stability”

Curator: Vladimir Belogolovsky
Design: Vladimir Belogolovsky and Sarika Bajoria
Per-forma Studio, New York, USA

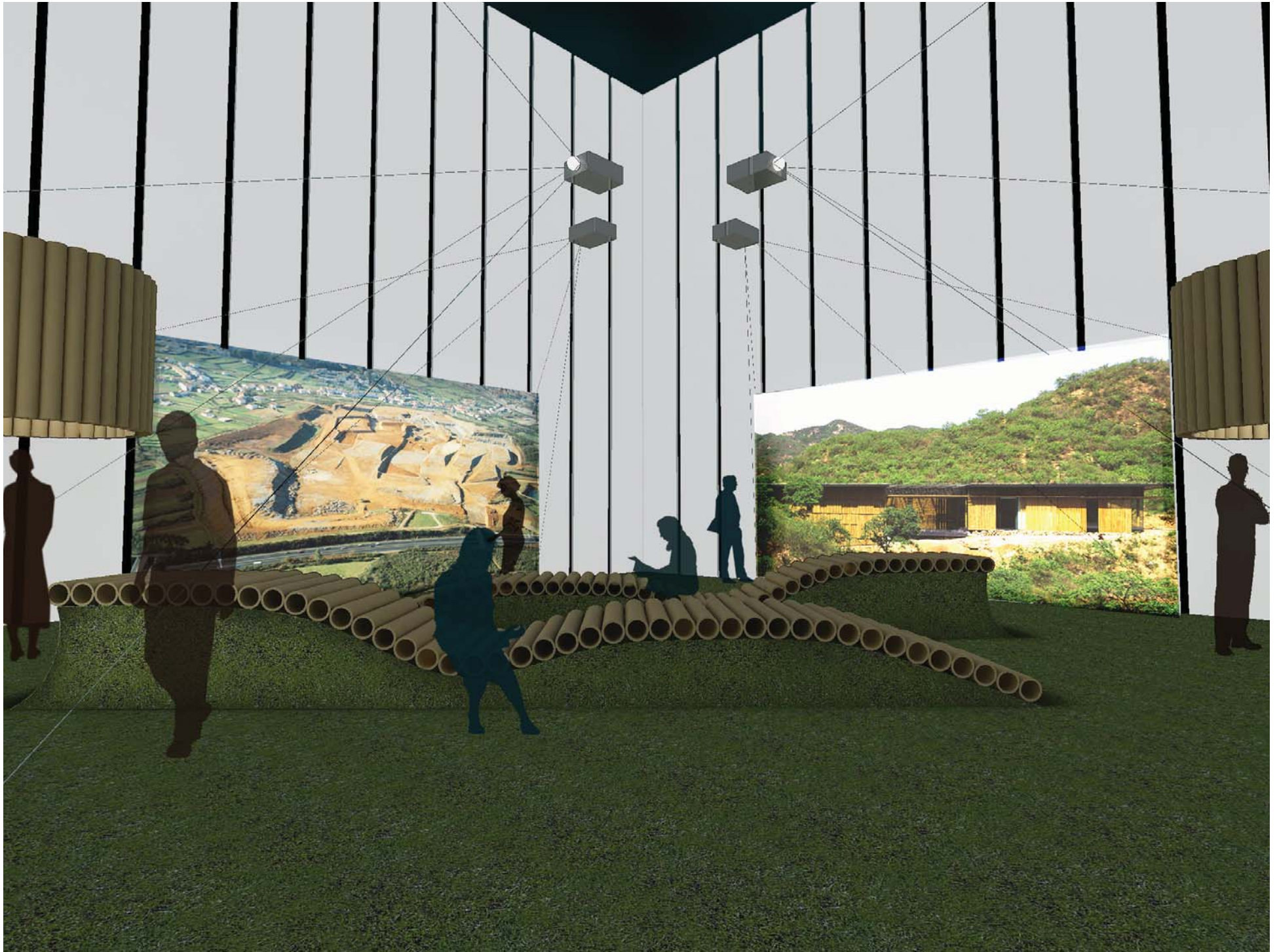
Manifesto

In recent times the term “green” architecture has become widely associated with projects that are sustainable, economic and ecologically friendly. During the current economic crisis these are put under more scrutiny than ever. The exhibition GreenHouse features 16 examples of “green” architecture around the world. The projects are grouped into four categories: Landscapes (architecture that mutates into landscape), Materials (buildings made of alternative materials), Communities (eco communities, eco towers and eco cities) and Technologies (examples of sustainable technologies). The featured projects explore various aspects of sustainability and celebrate new ways of reaching organic interaction between architecture and nature.

Architecture is going through a recurrent revolution – technological. While the use of advanced technologies in architecture is nothing new, never before the concern over technological performance of buildings was promoted so widely. It is true that buildings cause destructive influence on the ecosystem of our planet. They account for about a third of the world’s emissions of carbon dioxide from fossil fuel burning, two-fifths of acid rain-causing carbon dioxide and nitrogen oxides and consume at least 40 percent of the world’s energy. Nevertheless, modern technology allows lowering the magnitude and the seriousness of the current ecological situation significantly. Already today there exist projects of sustainable buildings and even new cities that will be carbon neutral and virtually waste free. There is no question that humans can solve the question of further contamination of the environment. That’s why the GreenHouse sets a different goal – how do we solve technological issues without sacrificing the aesthetic ones?

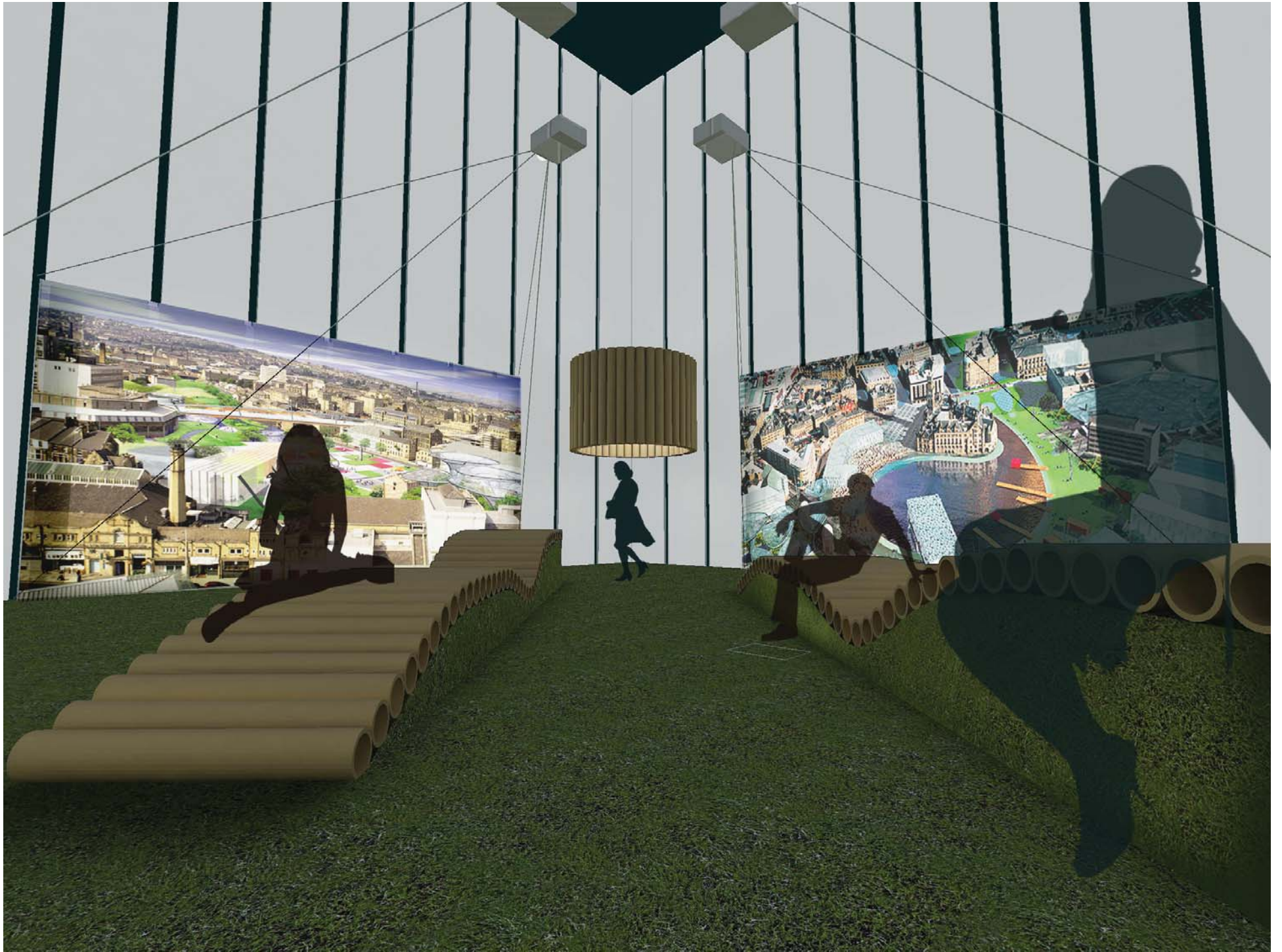
The GreenHouse presents the projects that not only feature ways of sustaining our ecosystem, which must be a concern of any architecture, but also demonstrate the examples of harmony between beautiful architecture with landscape, city, society and nature as a whole. Architects have a different take on technological aspects of their buildings. Some are convinced that such issues should be left to the engineers. Others capitalize on the current popularity of the subject and promote advantages of their architecture exclusively based on the advancement of modern technologies. But is it possible for modern technologies to replace architectural aesthetic? The architect’s cultural, social and technological context changes constantly, but his true task remains always the same: to give poetic form to the pragmatic.





GREENHOUSE PAVILION, MOSCOW





GREENHOUSE PAVILION, MOSCOW

PER-FORMA STUDIO, NEW YORK



GREENHOUSE PAVILION, MOSCOW

Landscapes

Casa de Retiro Espiritual
Seville, Spain, Emilio Ambasz, 2000

California Academy of Sciences
San Francisco, USA, Renzo Piano, 2008

Highline Park
New York, USA, Diller, Scofidio + Renfro, 2009

City of Culture of Galicia
Santiago de Compostela, Spain, Peter Eisenman, 2010

Materials

Great (Bamboo) Wall House
Beijing, China, Kengo Kuma, 2002

Chengdu Hualin Elementary School
Chengdu, China, Shigeru Ban, 2008

Green House of the Future
Project, William McDonough, 2009

Burst* 2008 House
Prototype, New York, USA
Jeremy Edmiston and Douglas Gauthier, SystemArchitecture, 2008

Communities

Masdar City
United Arab Emirates, Foster + Partners, 2018

Bradford Masterplan
Project, Bradford, UK, William Alsop Architects, 2004

Bank of America, Bryant Park One
New York, USA, Cook + Fox, 2008

Houses and Community Centers
Alabama, USA, Rural Studio

Technologies

Federal Building
San Francisco, USA, Thom Mayne, Morphosis, 2007

INVERSAbrane, Invertible Building Membrane
Prototype, Kolatan/Mac Donald Studio, 2005

Experimental skyscraper
Project, Adrian Smith

Green Tower, project, Ken Yeang

