ARCHITECTURE FOR HUMANITY
RECONSTRUCTION AND RESILIENCY
Building a more sustainable future using the power of design

Through a global network of building professionals, Architecture for Humanity brings planning, design and construction services to communities in need.
90,000 design advocates and volunteers
53 chapters in 25 countries
30+ design fellows annually
250 completed projects
1,594,508 people benefited by the power of design.
POST DISASTER RESPONSES:
RECONSTRUCTION STUDIO

HAITI REBUILDING PROGRAM, 2010 EARTHQUAKE
TOHOKU REBUILDING PROGRAM, 2011 TSUNAMI
HURRICANE SANDY RECONSTRUCTION PROGRAM, 2012 HURRICANE
ARCHITECTURE FOR HUMANITY

METHOD: GET IT BUILT WELL

1. Communities send us their requests (school, clinic, soccer field, library)

2. We evaluate each request to make sure the project meets our mission and the partnership is a good fit

3. We work with the community to design the structure THEY need and want

4. Sometimes, we even ship our design following to the work site

5. And work with local builders
   - To evaluate the grounds
   - Assess risk management
   - Employ green practices
   - And lots of other complicated stuff

6. A community gets a new resource
INFRASTRUCTURE & COMMUNITY WORKS

BEFORE

AFTER
EDUCATION & SPORTS

ECONOMIC DEVELOPMENT

SUSTAINABILITY & RESILIENCY

STRENGTHENING LOCAL TIES
RECONSTRUCTION & RESILIENCY STUDIO

Haiti Rebuilding Program, 20120 Earthquake
Tohoku Rebuilding Program, 2011 Tsunami
Hurricane Sandy Reconstruction Program, 2012 Hurricane
Disaster Resiliency And Recovery Program, Worldwide
WHY ARE CITIES BECOMING MORE VULNERABLE?

- Economic interdependence
- Rapid urbanization places increasing demands on outdated infrastructure
- Uncontrolled deurbanization disconnects infrastructure
- Damages caused by natural or humanitarian disasters
WHAT PREVENTS CITIES FROM WORKING TOWARDS RESILIENCY?

City governments currently lack the capacity, will, experience and/or technical resources to plan and execute resiliency efforts

Key Issues:

Lack of organization and coordination

Lack of disaster experience

Lack of known or available resources

Lack of knowledge on the importance of resiliency, leading to a wariness to invest
MEXICO CITY

Participatory approach towards earthquake risk reduction:

Implemented a streamlined emergency response system called “Safe City,” which aims to prevent, detect and respond to natural disasters and security related issues.

Since its introduction, emergency response times have reduced from 12 minutes to five minutes, and crime rates fell by 12% in the first year.
Promoting community-based disaster risk reduction and empowering people to act on disaster risk reduction

Currently has more than 1,350 independent disaster prevention organizations, which are mainly based on neighborhood associations. These organizations promote disaster prevention in their local areas.

In order to further promote the activities of organizations operating in the local community, people playing an active role in these organizations will be trained as local disaster prevention leaders.
SAN FRANCISCO

Advancing Resilience through the Whole Community Approach

In addition to supporting the private sector’s efforts to be more resilient, the City also actively supports programs that involve resident-run groups in the emergency management process.

Recognizing that no single avenue of education will reach the entire population, it creates a suite of innovative and creative programs to reach the broadest audience possible.
INVESTING IN RESILIENCE

Every dollar spent reducing people’s vulnerability to disasters saves around seven dollars in economic losses. Investing in prevention not only increases the resilience of countries to future disaster, but protects economic growth and other development achievements from being lost in a single catastrophic event.”

United Nations Development Programme
RESILIENCY PROGRAM
ARCHITECTURE FOR HUMANITY

By activating our chapters and extensive network of design professionals, Architecture for Humanity will provide the needed resources and technical knowledge to contribute to the creation of resilient cities.
The resiliency program will enable the chapters to do the following:

Train community groups and local officials in disaster response

Launch a major disaster response in the event of a disaster

Establish a post-disaster rebuilding center

Coordinate the network of key players following a disaster event
Program Milestones Over the Next 5 Years:

Establish a network of partners committed to improving resiliency

Establish university partners and curriculums

Activate chapter / community involvement in resiliency through grant executions

Establish networks amongst chapters and between universities

Advocate by creating knowledge sharing sessions and events for the wider community
RESILIENCY PROGRAM
ARCHITECTURE FOR HUMANITY

HELP CREATE CHANGE GLOBALLY, BECOME PART OF THE DIALOGUE
BECOME PART OF A RESILIENT CITY.

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