



INTRODUCTION TO THE LIVING BUILDING CHALLENGESM 3.0

A Visionary Path to a
Regenerative Future



INTERNATIONAL
LIVING FUTURE
INSTITUTE™

THE METAPHOR OF THE FLOWER

ROOTED IN PLACE AND YET:

Harvests all energy + water

Is adapted to climate and site

Operates pollution free

Is comprised of integrated systems

Is beautiful



**LIVING
BUILDING
CHALLENGESM**



Why a challenge?

Infusing inspiration and poetry

Rewarding early adopters

Creating new models

Stirring the pot

Pulling the market forward

A photograph of an interior room undergoing renovation. The walls are made of brick and have patches of peeling white plaster. A window is visible on the left. A green step ladder and a broom are leaning against the wall.

RENOVATION

A photograph of a suspension bridge with a wooden deck and metal railings, spanning a deep valley filled with dense green trees. A group of people is walking across the bridge.

**LANDSCAPE &
INFRASTRUCTURE**

A photograph of a building under construction. The structure is made of wooden framing and steel reinforcement bars (rebar). A worker in an orange safety vest is visible on the right side.

BUILDINGS

THREE TYPOLOGIES

PETALS

PLACE

WATER

ENERGY

HEALTH &
HAPPINESS

MATERIALS

EQUITY

BEAUTY

IMPERATIVES

LIMITS TO GROWTH

URBAN
AGRICULTURE

HABITAT
EXCHANGE

HUMAN POWERED
LIVING

NET POSITIVE
WATER

NET POSITIVE
ENERGY

CIVILIZED
ENVIRONMENT

HEALTHY INTERIOR
ENVIRONMENT

BIOPHILIC
ENVIRONMENT

RED LIST

EMBODIED
CARBON
FOOTPRINT

RESPONSIBLE
INDUSTRY

LIVING ECONOMY
SOURCING

NET POSITIVE
WASTE

HUMAN SCALE +
HUMANE PLACES

UNIVERSAL
ACCESS TO
NATURE + PLACE

EQUITABLE
INVESTMENT

JUST
ORGANIZATIONS

BEAUTY + SPIRIT

INSPIRATION +
EDUCATION



L1.
NATURAL HABITAT PRESERVE



L2.
RURAL AGRICULTURE ZONE



L3.
VILLAGE OR CAMPUS ZONE



L4.
GENERAL URBAN ZONE



L5.
URBAN CENTER ZONE



L6.
URBAN CORE ZONE

MATERIALS



10: RED LIST

11: EMBODIED CARBON FOOTPRINT

12: RESPONSIBLE INDUSTRY

13: LIVING ECONOMY SOURCING

14: NET POSITIVE WASTE



THREE CERTIFICATION PATHS



BERTSCHI SCHOOL
Seattle, WA



HAWAII PREPARATORY ACADEMY
Kamuela, HI



**TYSON LIVING
LEARNING CENTER**

Eureka, MO

Photo Credit: Joe Angeles

EXAMPLES OF COMPLETED PROJECTS
LIVING CERTIFIED



OMEGA CENTER
Rhinebeck, NY



SMITH COLLEGE CLASSROOM
Whately, MA

EXAMPLES OF COMPLETED PROJECTS
LIVING CERTIFIED

zHOME
Issaquah, WA



NRDC
Chicago, IL



EXAMPLES OF COMPLETED PROJECTS
PETAL CERTIFIED

A modern building with a facade made of reflective, metallic tiles in various shades of silver, gold, and brown. The building has large windows and a glass entrance. A spiral staircase is visible on the left side.

**DAVID BAKER
ZERO COTTAGE**
San Francisco, CA

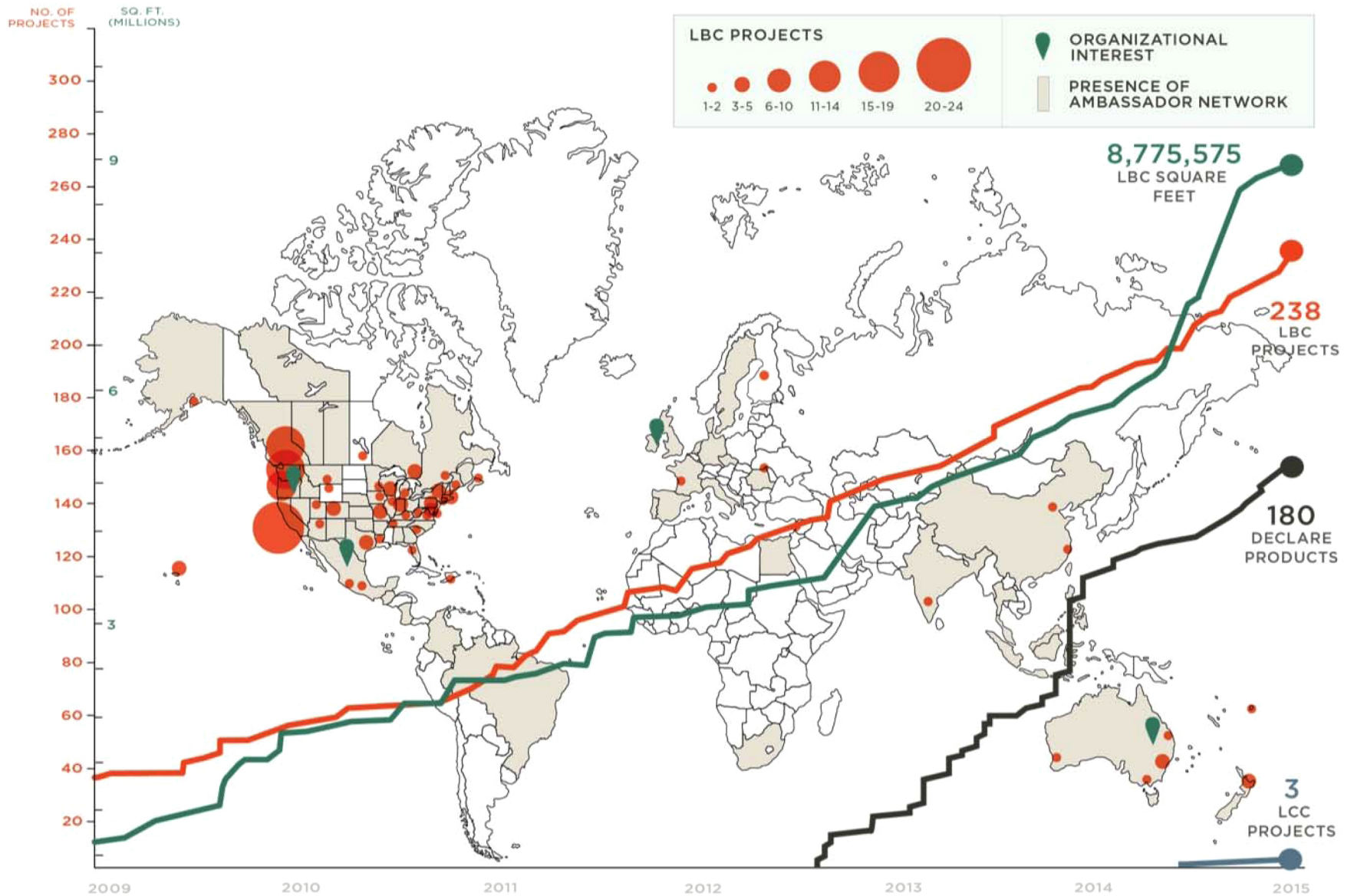
A view of a grassy hillside with a large mountain in the background. In the foreground, there are solar panels on a roof and a small white building.

EPA Headquarters
Pago Pago, American Samoa

A modern house with a light-colored wooden exterior and large windows. A person is standing on a small balcony or deck. The house is surrounded by greenery.

**ZERO ENERGY
HOUSE**
Auckland,
New Zealand

**EXAMPLES OF COMPLETED PROJECTS
NET ZERO ENERGY (NZEB) CERTIFIED**



GLOBAL REGISTERED PROJECT MAP (JAN 2015)

NOUS SOMMES TOUS DES **AMBASSADEURS**



WE ARE ALL **AMBASSADORS.**



INTERNATIONAL
LIVING FUTURE
INSTITUTE™



A CALL TO ACTION:

LBC.Collaboratif.Montreal@gmail.com

living.
building.
challenge.

www.livingbuildingchallenge.org



LIVING PRODUCT CHALLENGESM 1.0

A Visionary Path to a
Regenerative Future



INTERNATIONAL
LIVING FUTURE
INSTITUTE™

Inspiring a Materials Revolution

Together, we will engage in a transparent, cross-disciplinary and transformative dialogue to inspire the creation of the world's first living products.

September 16 – 18, 2015
Pittsburgh, PA

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**LIVING
PRODUCT
EXPO15**