

DESIGN & CONSTRUCTION

A WAY FORWARD

THIS IS PROBABLY THE MOST
POTENTIAL TOOL FOR ADAPTATION

SITING ARCHITECTURE, DESIGN & CONSTRUCTION

1

Current situation on Mexico's tourism sector (construction, design and siting)

2

Are these mechanisms tackling climate change?

3

Relevance of standards and certification in the field

4

Importance of destination certification (Example of Mexico)

WHERE WE ARE

In Mexico, standards have been the main pathway to make either private or public initiatives in design and construction evolve. It all started from the private sector and evolved to the public sector

Private

- LEED Certification as marketing and quality tool (beyond construction and design)
- Living Building Challenge (focused on 1 year operations, i.e net energy balance, waste & water)
- Others

Public incentives

Green Certifications by área, triggered by local fiscal and financial stimulus:

- Voluntary Standard for siting, design and construction & operation coastal tourism in Mayan Península (2012) (now exported and adapted for Gulf of California)
- Sustainable Buildings Certification in Mexico City
- Standard of Sustainable Building in Edomex

National Standards (voluntary)

- Voluntary Standard (2013) minimum criteria for a building to be sustainable (design, construction, operation, maintenance & renovation)
- Voluntary Standard (2014). specifications for sustainable operations in hotels and hospitality.
- Distinction S (Sector with Earthcheck)

We are only tackling a small part of the solution....

Large are of opportunity to incorporate climate change to the equation (buffer zones, direct & indirect risks)

THE STORY BEHIND

Ultimately, it will need to take us to think of this at a destination level, more than at a site level...

....It goes beyond the actions of considering an appropriate method to prevent higher sea levels

....rather to:

- Zoning (using climate change criteria)
- Continued Monitoring (Certification)
- Public services and infrastructure planning
- Key governance issues (construction permits in the future)
- Water management as destination

THE CLOSEST WE HAVE TODAY IS HUATULCO

EARTH CHECK DESTINATION CERTIFICATE 2003



EARTHCHECK

- 100% WASTE DISPOSAL
- Water recycling and capturing
- -12% carbón emissions pp
- -23% energy consumption
- -3% to 4% growth rates from 2000-03 vs 2004-2008

THE WAY FORWARD: MORE THAN GSTC DESTINATION STANDARDS :

1

Evaluation & Monitoring (local, data and macro perspective)

2

Incentives (fiscal, financial, promotion, etc)

THANK YOU!

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