URBAN FRAMEWORKS REINFORCING CULTURAL HERITAGE AS A DRIVER FOR CLIMATE INNOVATION AND SUSTAINABILITY

A ROCK and EFCA side event
Urban frameworks to reinforce cultural heritage

Urban frameworks reinforcing cultural heritage as a driver for climate innovation and sustainability

COP24 EU SIDE EVENT

14 December 2018
Peter Boswell
FIDIC-EFCA

- How to implement a certifiable, standards-based sustainable development management system in a culturally rich community.
- The benefits
Lamu, Kenya
15th century Arab town
Close to Somalia border
• UNESCO site
• 6 western-style hotels
• 200,000 tourists p.a.
• 200,000 population; 1 million expected
• Many cultural sites & festivals
• Residents displaced out of town to informal settlements
Tourism needs careful management

- modern definitions are all-embracing (monuments, landscapes....)
- moved beyond UNESCO style certification
- EU Horizon 2020 research & innovation framework brings in cultural heritage
- direct positive impact on most SDGs
- "cultural tourism" = 40% of world tourism

Needs

- attract sustainable tourism investment
- balance economic exploitation against preservation
- strengthen trade in cultural goods & services (decent work; local production)
- involve local communities
- ensure that stakeholders have the knowledge, skills and authority needed to implement sustainable tourism.
ISO 37101 community sustainability management

A process + a framework
- Commitment – Define territorial scope
- Organisation review
- Mandate organisation
- Map / organise stakeholders & resources

Baseline – Context analysis
Priorities - Strategy - Action plan
Targets & indicators
Performance evaluation

Continual improvement
Interested parties involved
All impacts, expectations, …
All stages
Own sustainability & resilience
Contribution to SD and SDGs
Specific context

- Strategic needs
- Holistic approach
- Common understanding
- Coherence between urban services
- Common language
- Interested parties involved

Evaluation
Financing

- Assessment
- Governance, management

Continual improvement
Multi-party, multi-programme governance

Organisation
Mainstreams cultural heritage
• collaborative, systemic regeneration & adaptive reuse of historic sites
  • regulatory frameworks
  • undertakings & statutory requirements
  • Innovation / living labs
  • multi-stakeholder ecosystems
  • peer-to-peer networks of social enterprises
  • community-to-community cooperation
  • meeting & reporting on the SDGs

Certification invaluable
• self-certification possible
• challenge process validates
• at all scales (neighbourhoods, towns, communes, cities,...)
Indicators for SDG targets

- map commune’s department action areas to SDGs
- use SDG cause-and-effect matrix

<table>
<thead>
<tr>
<th>Biodiversity</th>
<th>Mobility</th>
<th>Infrastructure</th>
<th>Security</th>
<th>Environment</th>
<th>Economics</th>
<th>Culture</th>
<th>Living</th>
<th>Health</th>
<th>Innovation</th>
<th>Education</th>
<th>Governance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attractiveness</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environment</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resilience</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resource use</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Social cohesion</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well-being</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Consulting engineering

Over 100 FIDIC national Member Associations (one industry – one member per country).

HQ in Geneva – represented by EFCA.

Sustainable Development Committee supported by committees for risk, contracts, international affairs, & integrity.

Urban / community management a key area.

ISO 37101 project developers guide in preparation.

- USD 4.7t p.a. new-build investment.
- 80% investment is urban & peri-urban.
- USD 650b p.a. demand for consulting engineering services.
- 50% of demand is met by firms whose main business is to supply consulting engineering services.
- 70,000 firms worldwide; 7 million staff.
- Smaller firms generally specialised; larger firms provide the full range of services; all disciplines involved.