



Division of Technology, Industry and Economics

United Nations Environment Programme Sustainable Social Housing Initiative



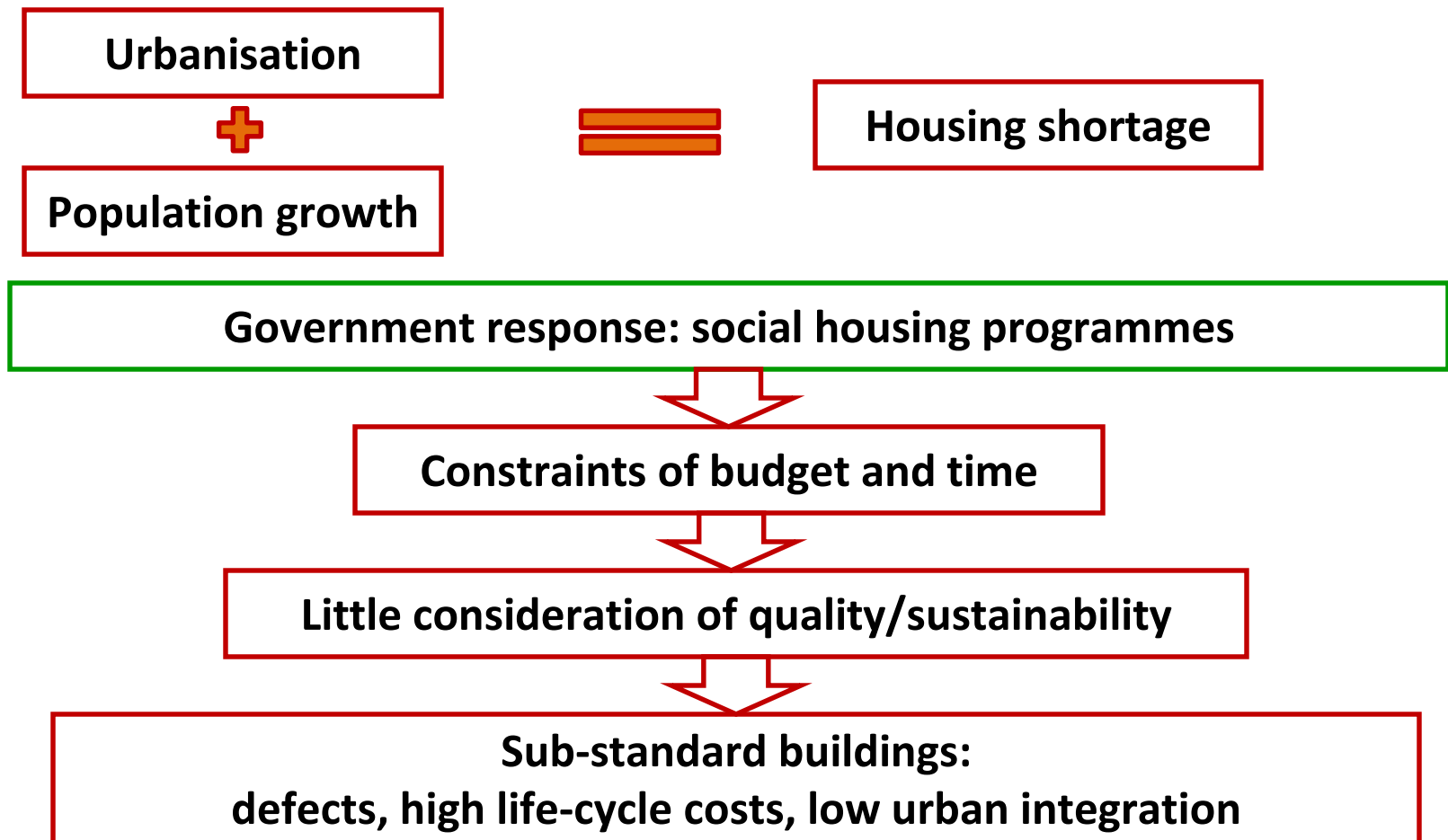
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United Nations Environment Programme

National Conference on Green Design: Buildings and Habitats
Delhi, 7-8 January 2011



Rationale and Objectives

Aim: Promote sustainability in social housing projects, ensuring that social housing programmes include design criteria and construction practices that support sustainable building principles.



SUSHI Activities

São Paulo (Brazil) and Bangkok (Thailand)

Assessment of context:

- ✓ Climate,
- ✓ Cultural habits,
- ✓ Needs of stakeholders,
- ✓ Availability of market solutions,
- ✓ Policies/ Incentives,
- ✓ Technical capacity,
- ✓ Awareness of benefits.



Development of targeted actions:

- ✓ Consultation Workshop,
- ✓ Training programmes,
- ✓ Database of technologies,
- ✓ Analysis of lessons learned from previous initiatives;
- ✓ Site-specific guidelines;
- ✓ Educational video.

**Policy makers
(City; State; National)**

**Housing developers
(public and private)**

Financial institutions

**Designers, Architects,
Construction Companies**

Inhabitants



Generic guidelines

Making the case for sustainability in social housing

Definitions, glossary of terms


**Guidance for inclusion of sustainable solutions
in social housing projects**

Step 1: Mapping & Assessment of context

Step 2 : Selection of appropriate solutions

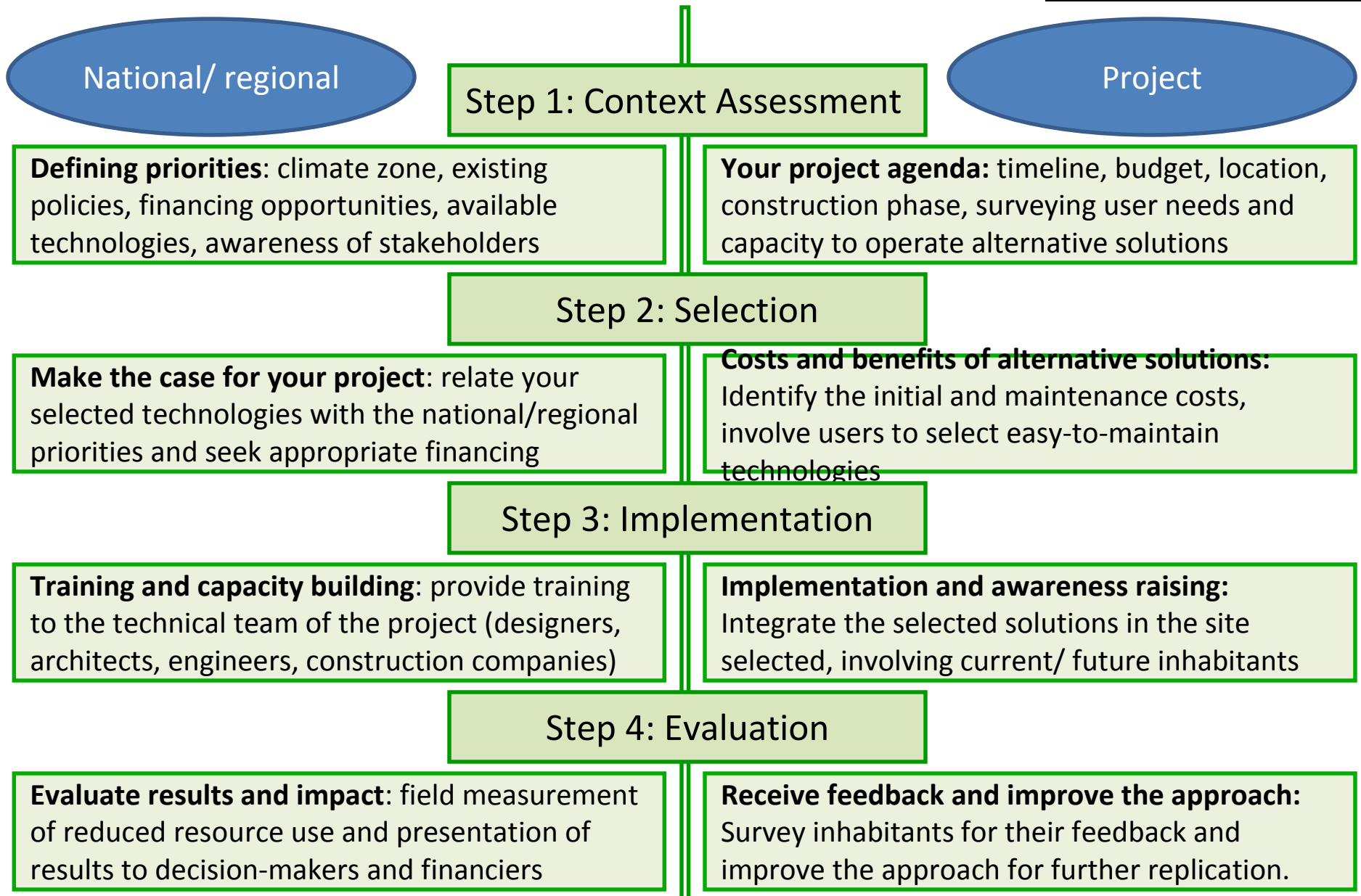
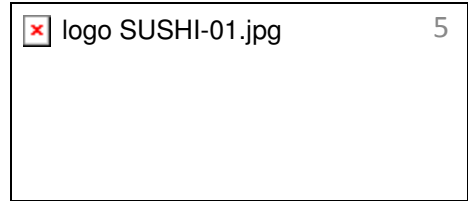
Step 3: Implementation

Step 4: Evaluation and Dissemination

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Guidelines map



Results and Lessons Learned

- **Training and awareness-raising** are crucial for building capacity and making the case for sustainability;
- **Translate** the impacts into a language understood by stakeholders;
- Consider **cultural** and emotional factors;
- **Stakeholder involvement** and communication: from authority to final user (inhabitant);
- Consider buildings in their **urban environment**;
- Need for **concrete implementation** and monitoring including cost-benefit analysis.

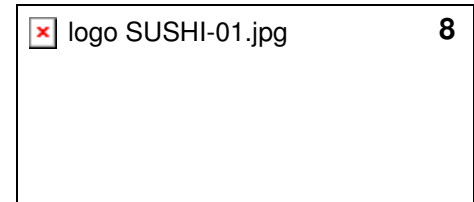


Next steps

- ✓ Continued collaboration at national level (Thailand, Brazil)
- ✓ Interest in other countries:
 - ✓ Mexico
 - ✓ Uruguay
 - ✓ China
 - ✓ India
- ✓ Link with other projects:
 - ✓ UNEP-SBCI (Sustainable Buildings & Climate Initiative)
 - ✓ UNEP Urban Programme
 - ✓ UN-Habitat
- ✓ Second Phase in India and Bangladesh:
 - ✓ Greater focus on urban environment;
 - ✓ Poverty alleviation/ Slum Upgrading;
 - ✓ Respond to local context.

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SUSHI II and more information:

Contact UNEP DTIE

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Thank you for your attention