ASPIRE Assessment

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UK Shelter Forum
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ARUP

ice ENGINEERS AGAINST POVERTY
ASPIRE | Concept
Environment - MATERIALS

- Responsible sourcing
  
  Is there a policy on the procurement of goods and services from sustainable sources?
  
  Are suppliers required to provide information on their environmental management systems and the sustainability of the goods supplied?
  
  Is there auditing of the supply performance against procurement policy requirements?

Worst case scenario

No procurement policy or materials specification and lack of awareness about sustainability of materials.

Best case scenario

Procurement policy and materials specification require suppliers to demonstrate approach to sustainability.
ASPIRE | Data entry

### Environment - MATERIALS

- **Responsible sourcing**
  - Is there a policy on the procurement of goods and services from sustainable sources?
  - Are suppliers required to provide information on their environmental management systems in place?
  - Is there auditing of the supply performance against procurement policy requirements?

### Worst case scenario

- No procurement policy or materials specification and lack of awareness about sustainability of materials.
- Procurement policy suppliers to demonstrate.

### Whole life analysis

- Even for assets with long design lives, designers should consider the end-of-life decommissioning and/or disposal implications of their designs. Consideration should be given to using materials that are re-usable or recyclable and to designing the infrastructure to facilitate re-use and recycling.

- Major upgrades or replacements of infrastructure are energy and resource intensive and expensive. The most sustainable option is to provide infrastructure that is flexible enough in design to cope with a broad range of potential uses, as well as being easily upgraded or refurbished. This is a key issue.

### Responsible sourcing

Supply chains are often long and complex, which can make it difficult to make well-informed decisions about the environmental impacts associated with the sourcing of materials.

Procurement policies and systems as a minimum should specify or give preference to materials supplied from independently accredited sustainable sources (e.g. Forest Stewardship Council timber) and/or from suppliers who have environmental management systems in place. These policies and systems should be supported by auditing processes. Where local capacity to meet these sustainability requirements for materials supply is limited, the project proponent should consider a more active approach, working with suppliers to ensure the environmental impacts of material supply are minimised.
ASPIRE | Data entry

Responsible sourcing
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Whole life analysis
Even for assets with long design lives, designers should consider the end-of-life decommissioning and disposal.

Justification notes
MATERIALS - Responsible sourcing
Please type in justification notes.
ASPIRE | Data entry

**Environmental - MATER**

- Responsible sourcing
  - Is there a policy on the procurement?
  - Are suppliers required to provide goods supplied?
  - Is there auditing of the supply chain?

**Worst case scenario**

No procurement policy or materials supply is spumed awareness about sustainability of natural resources.

**Justification Notes**

*MATERIALS - Responsible sourcing*

Please type in justification notes.

**Structures**

**Introduction**

The appropriate institutional structures are in place to ensure effective delivery of infrastructure services.

**National/local government effectiveness**

*Justification Note:*

No formal/written consideration of local and national government effectiveness but there is an idea of the level of effectiveness based on past experiences (particularly related to construction and local poverty housing) and most likely considered. HFHP can comment further.

Value entered: 3

**Project - Government Coordination**

*Justification Note:*

Government is involved throughout the process. They are currently very supportive of the project. There is a good understanding of relevant policies but it is not clear whether the potential impacts of policies (or changes in policy) have been carefully considered. HFHP can comment further.

www.hudc.gov.ph

Value entered: 2

**Corruption**

*Justification Note:*

No formal/written assessment of the effects of corruption on the project, but there is an idea of the level of corruption and how to tackle corruption or manage its effects, and this is likely considered. HFHP can comment further. HFHP prepare material specifications and a bill of quantities with estimated prices prior to construction. On site use of materials is monitored (see photo of chart) and actual cost of materials is monitored against the estimated price (check). The number of labourers is monitored (see photo) and this is verified by spot checks. Corruption may be experienced when selecting beneficiaries and/or dealing with local government.

Value entered: 3

**Civil Society**

*Justification Note:*

At FTL local government engaged with the community through the "balkatans" (a community based organisation) to establish contact and raise awareness, before engaging with individual households. Generally local government engage with "home-partners" in the initial stages. Ask HFHP if they work with existing structures?

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ASPIRE | Testing

Housing, Belgian Red Cross, Sri Lanka

School and health facility, UNOPS, Sri Lanka

Gautrain, South Africa

Source: Belgian Red Cross

Source: UNOPS

Source: PIDG

WATSAN, Maji Na Ufanisi, Kenya

Kindergarten, Sabre Trust, Ghana

Irrigation Pilot Project, PIDG,

Source: Maji Na Ufanisi/Arup

Source: Arup

Source: PIDG

“A Sustainability, Poverty and Infrastructure Routine for Evaluation”
“A Sustainability, Poverty and Infrastructure Routine for Evaluation”
ASPIRE | Uses – Monitoring and Evaluation

“A Sustainability, Poverty and Infrastructure Routine for Evaluation”
ASPIRE | Uses - Comparative Assessment

“A Sustainability, Poverty and Infrastructure Routine for Evaluation”
ASPIRE | Next Steps in the development process

- Translation (possibly into Spanish & French)
- Sector specific guidance (education, shelter)
- Measureable project specific quantitative indicators
- Organisation specific terminology and guidelines (HfH, UNOPs)
- Aggregate individual assessments
- Outputs in Word document (rather than excel)

“A Sustainability, Poverty and Infrastructure Routine for Evaluation”
Thank you

*Humanitarianism also implies a social conscience, a wish to do socially useful work, and to join hands with others fighting for the same values’*

Arup: Key Speech

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