

ASPIRE Assessment

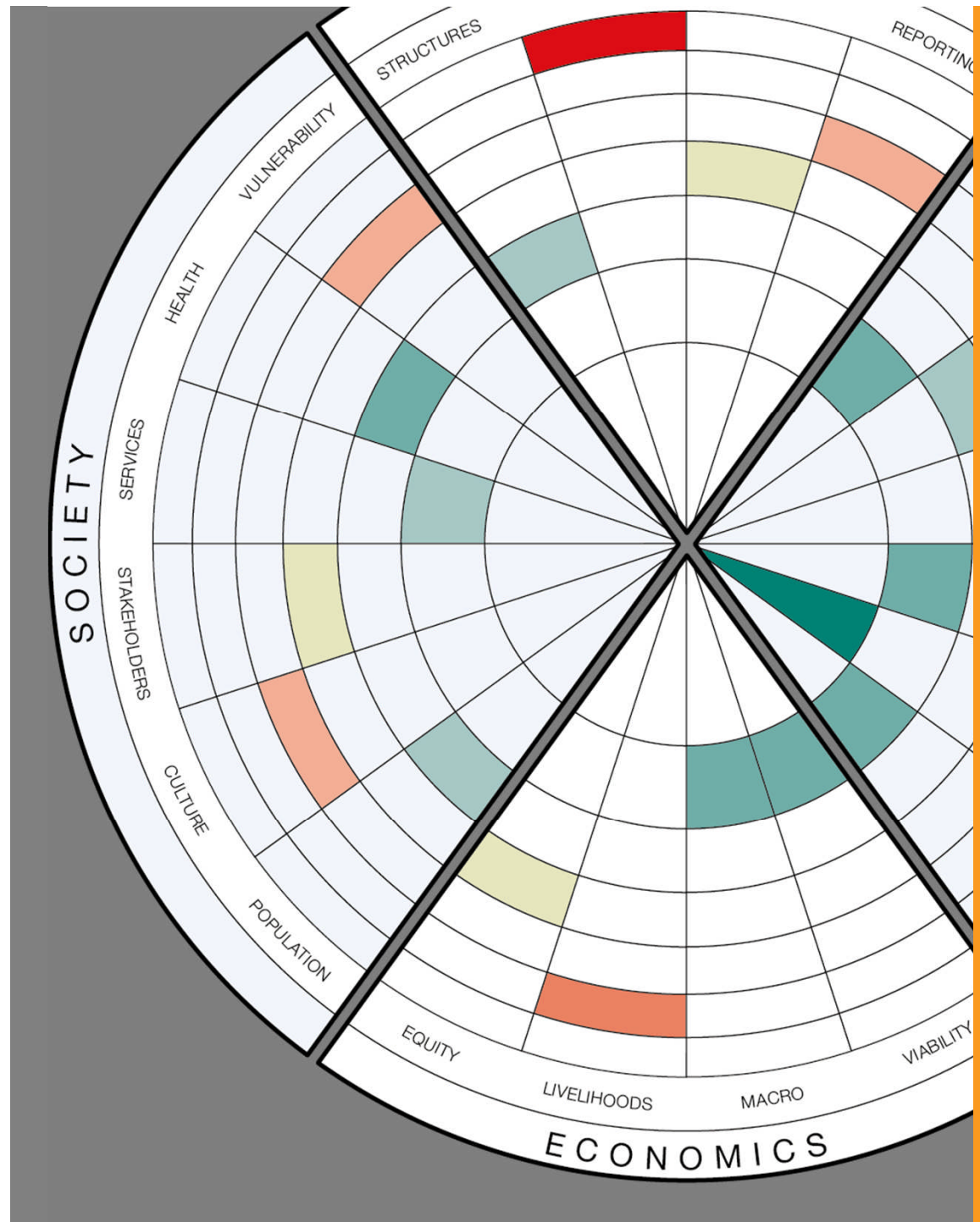
Jo da Silva
Director International Development

UK Shelter Forum
20th September at UCL

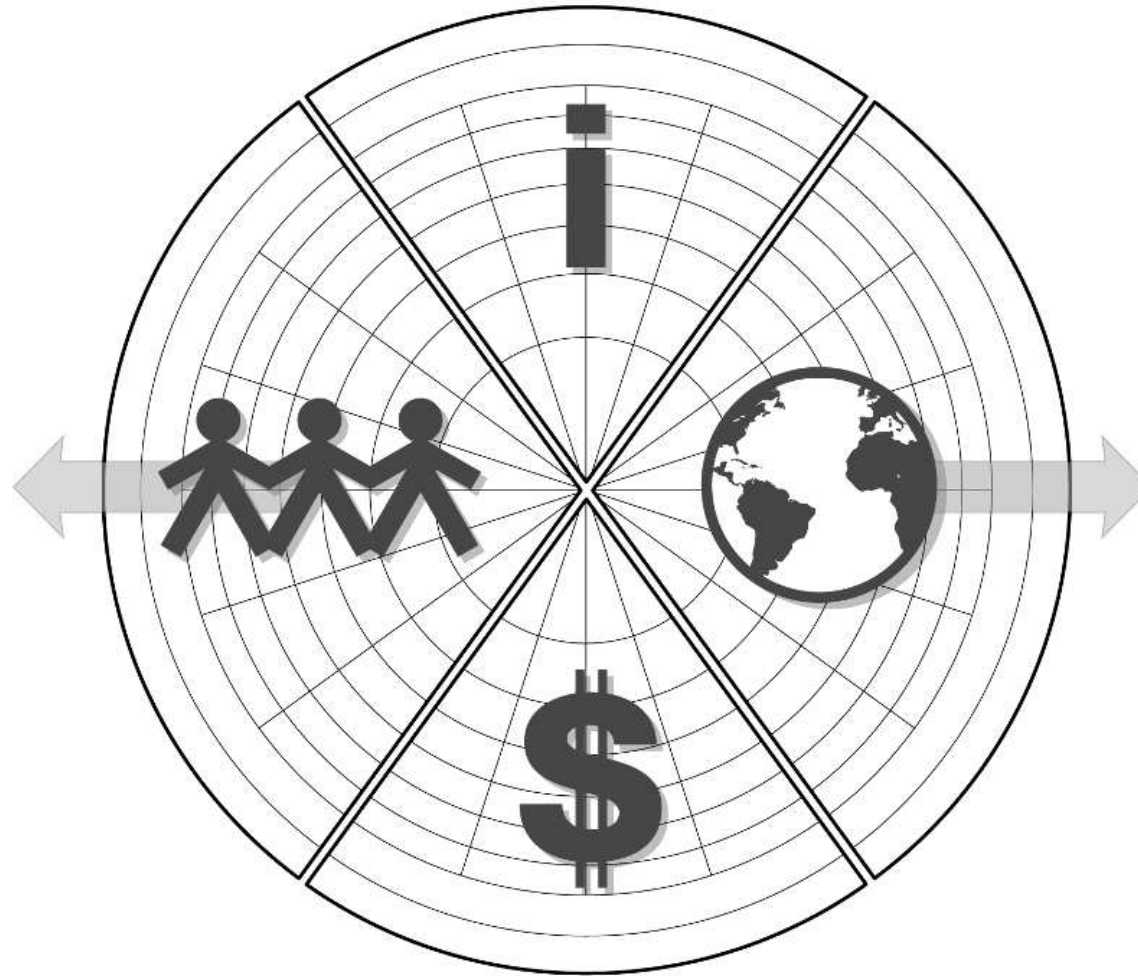
ARUP

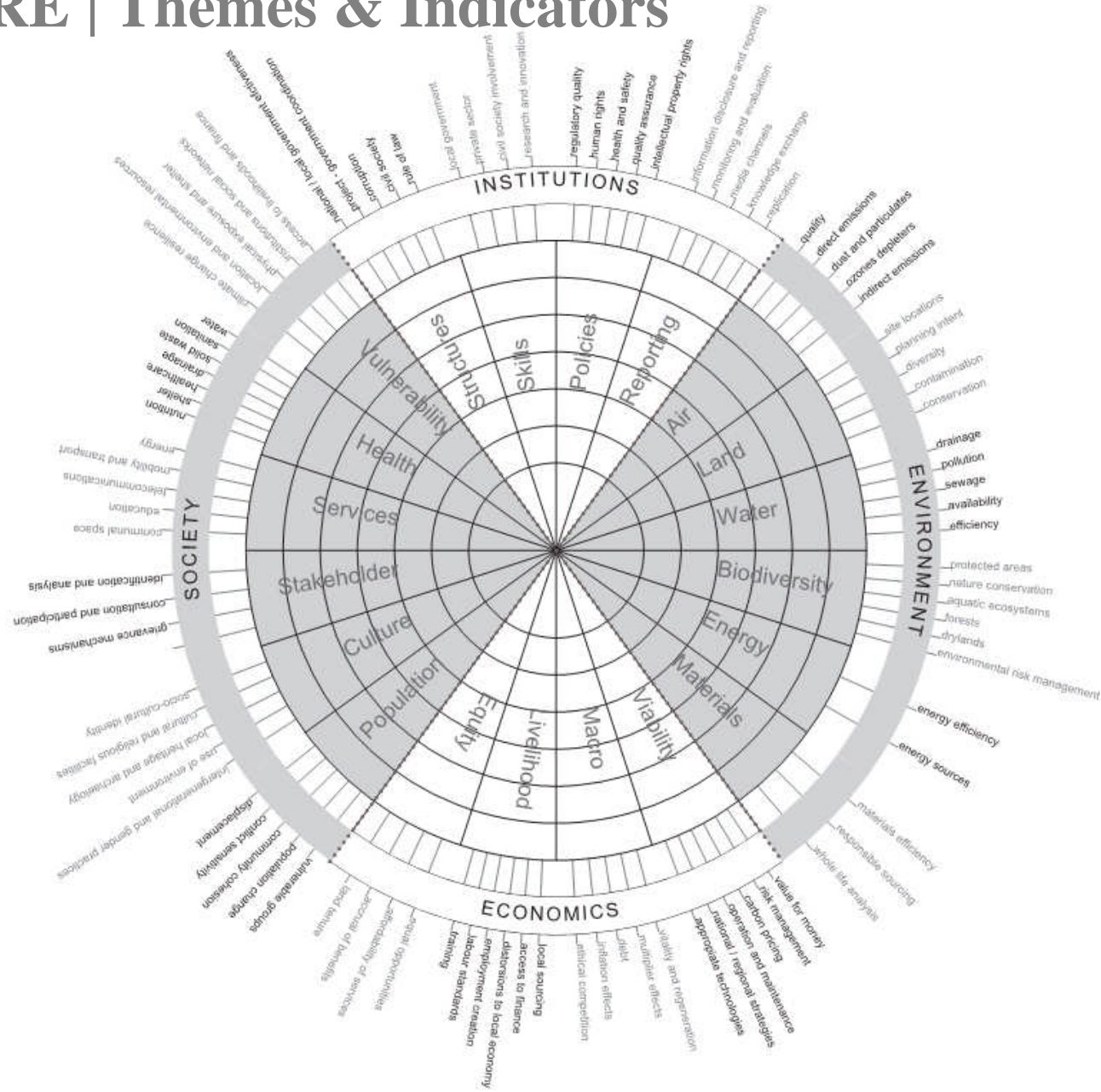


ENGINEERS
AGAINST
POVERTY



ASPIRE | Concept





ASPIRE | Data entry

The image shows a screenshot of the 'ASPIRE Data Entry' software window. The window has a title bar with the text 'ASPIRE Data Entry' and a close button. On the left side, there are three buttons: 'More Information', 'Justification notes', and 'Back to Theme'. Below these is a 'Navigator' section featuring a circular wheel with various themes and sub-themes. The 'Environment' theme is selected, and the 'Materials' sub-theme is highlighted. The main content area is titled 'Environment - MATERIALS' and contains a section for 'Responsible sourcing' with three questions. Below the questions is a slider for 'Worst case scenario' to 'Best case scenario' with five numbered buttons. The slider is currently set to '3'. Below the slider, there are two text boxes: the left one says 'No procurement policy or materials specification and lack of awareness about sustainability of materials.' and the right one says 'Procurement policy and materials specification require suppliers to demonstrate approach to sustainability.' At the bottom of the window, there are four buttons: 'Close', 'Previous SubTheme', 'Next SubTheme', and 'Save'.

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 and the sustainability of the goods supplied?

Is there auditing of the supply performance against procurement policy requirements?

Worst case scenario 1 2 3 4 5 **Best case scenario**

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

Procurement policy and materials specification require suppliers to demonstrate approach to sustainability.

Close Previous SubTheme Next SubTheme Save

ASPIRE | Data entry

ASPIRE Data Entry

More Information
Justification notes
Back to Theme

Navigator

INSTITUTIONS
SOCIETY
ECONOMICS
ENVIRONMENT

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 for goods supplied?

Is there auditing of the supply performance against procurement policy requirements?

Worst case scenario 1 2 3 4

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

Procurement policy requires suppliers to demonstrate environmental performance.

Close Previous SubTheme Next SubTheme

Materials and waste

ASPIRE Additions

the current project, as well as allowing for comparisons with other projects, which can be used as a benchmark.

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.

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


Done

ASPIRE | Data entry

ASPIRE Data Entry

More Information
Justification notes
Back to Theme

Navigator



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 for goods supplied?

Is there auditing of the supply performance against procurement policy requirements?

Worst case scenario 1 2 3 4

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

Procurement policy requires suppliers to demonstrate environmental performance.

Justification notes

MATERIALS - Responsible sourcing

Please type in justification notes.

Materials and waste

ASPIRE Additions

the current project, as well as allowing for comparisons with other projects, which can be used as a benchmark.

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.

Whole life analysis

Even for assets with long design lives, designers should consider the end-of-life decommissioning and/or disposal of assets. Consideration should be given to designing the asset for re-use and repair.

Elements of the asset and resource should be considered. The most important elements should provide enough information to allow a range of potential uses, as well as being easily upgraded or refurbished. This is a key issue.

Done

ASPIRE | Data entry

ASPIRE Data Entry

More Information

Justification notes

Back to Theme

Environment - MATERIALS

● Responsible sourcing

Is there a policy on the procurement of goods supplied?

Are suppliers required to provide information on the sustainability of the goods supplied?

Is there auditing of the supply performance?

Worst case scenario

No procurement policy or materials specifications. No awareness about sustainability of materials.

Navigator

INSTITUTIONS

SOCIETY

ECONOMICS

ENVIRONMENT

Justification notes

MATERIALS - Responsible sourcing

Please type in justification notes.

Materials and waste

ASPIRE Additions

the current project, as well as allowing for

Full Report for the Institutions category

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 urban poor housing) and most likely considered. HFH 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. HFH can comment further.

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

Value entered = 4

complex, re-
nmental
g of

is a
erence
lently
Forest
from

se
ported

limited,
er a

al
nised.

is,
of-life

deration
at are
ning the

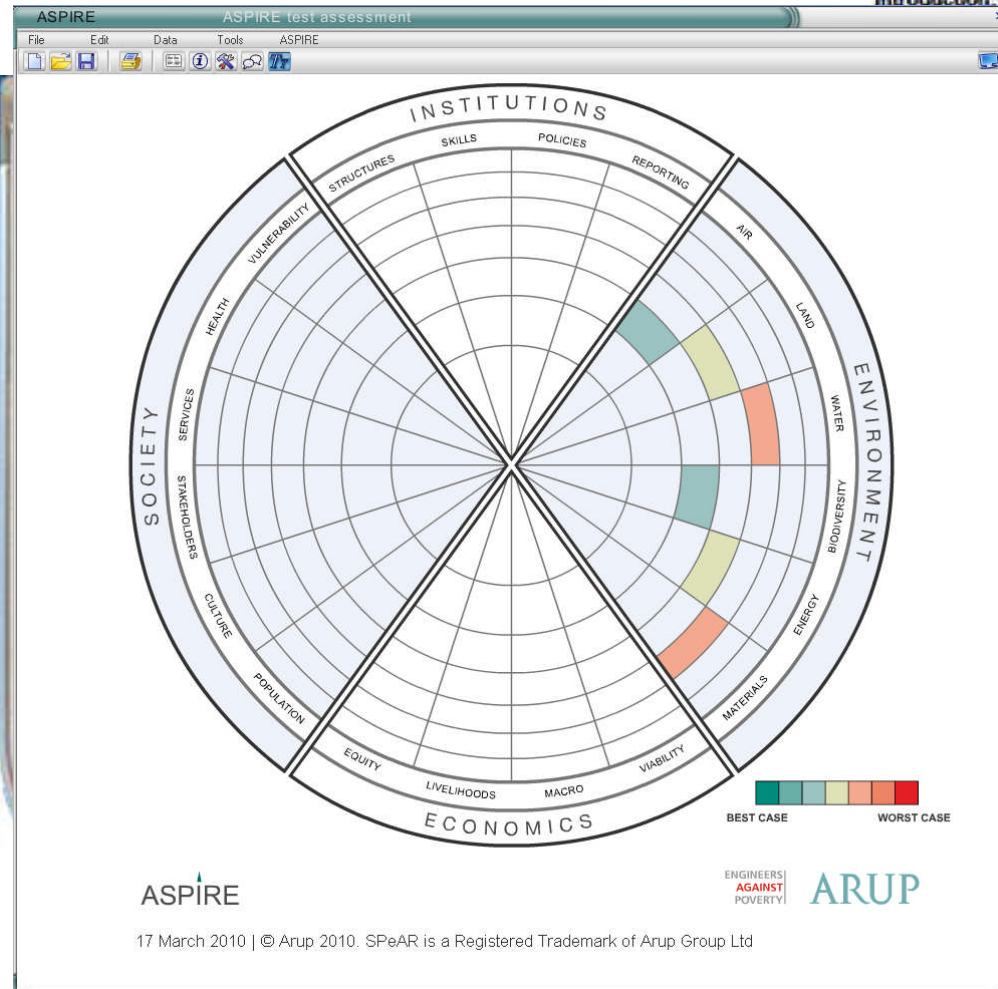
ce

in
if
ily

upgraded or rehabilitated. This is a key issue

Done

ASPIRE | Data entry



Full Report for the Institutions category

STRUCTURES

Introduction:

Institutional structures are in place to ensure effective structure services.

government effectiveness

Note :
In consideration of local and national government but there is an idea of the level of effectiveness based on past particularly related to construction and urban poor housing) and considered. HFH can comment further.

Value entered = 3

Government Coordination

Note :
Involved throughout the process. They are currently very involved in the project. There is a good understanding of relevant policies and whether the potential impacts of policies (or changes in) are carefully considered. HFH can comment further.

Value entered = 2

Note :
In assessment of the effects of corruption on the project, but of the level of corruption and how to tackle corruption or acts, and this is likely considered. HFHP can comment further. material specifications and a bill of quantities with estimated construction. On site use of materials is monitored (see photo) and this is monitored against the estimated price per meter of labourers is monitored (see photo) and this is verified (???). Corruption may be experienced when selecting and/or dealing with local government.

Value entered = 3

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

Value entered = 4

upgraded or rehabilitated. This is a key issue

Done

ASPIRE | Testing

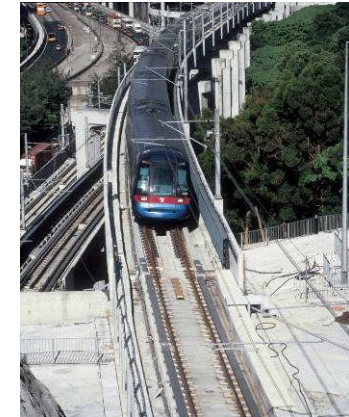
Housing, Belgian Red Cross, Sri Lanka



School and health facility, UNOPS, Sri Lanka
Africa



Gautrain, South



WATSAN, Maji Na Ufanisi, Kenya



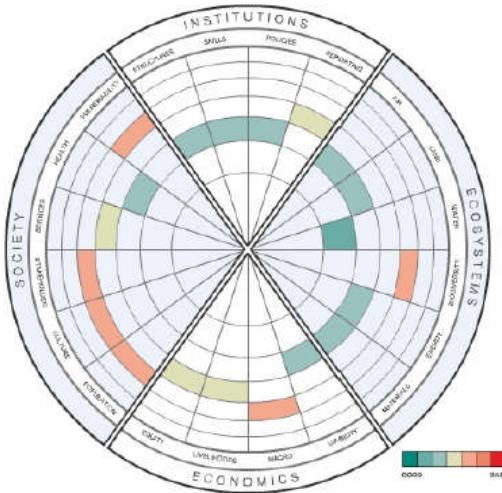
Kindergarten, Sabre Trust, Ghana
Zambia



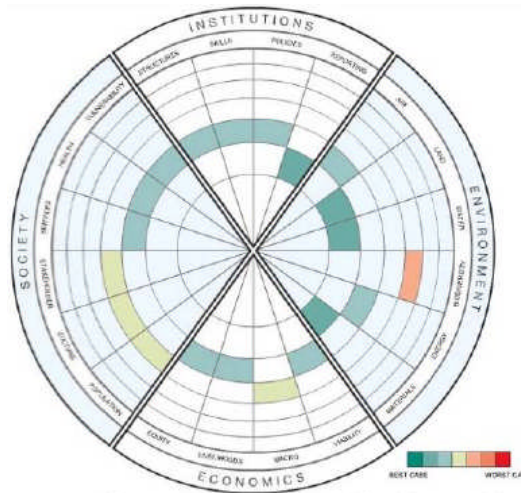
Irrigation Pilot Project, PIDG,

“A Sustainability, Poverty and Infrastructure Routine for Evaluation”

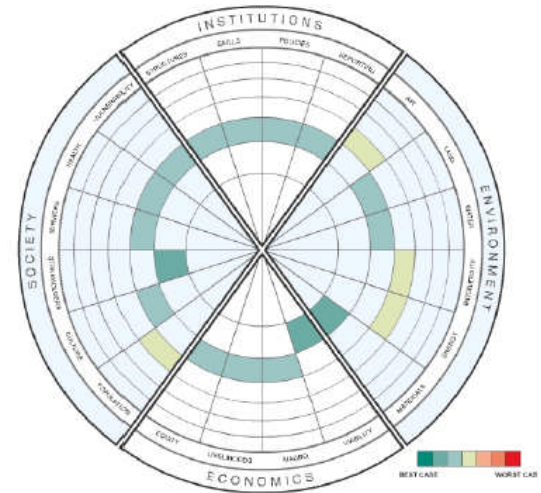
ASPIRE | Uses - Planning and Design Tool



Concept Design



Pre-
Construction

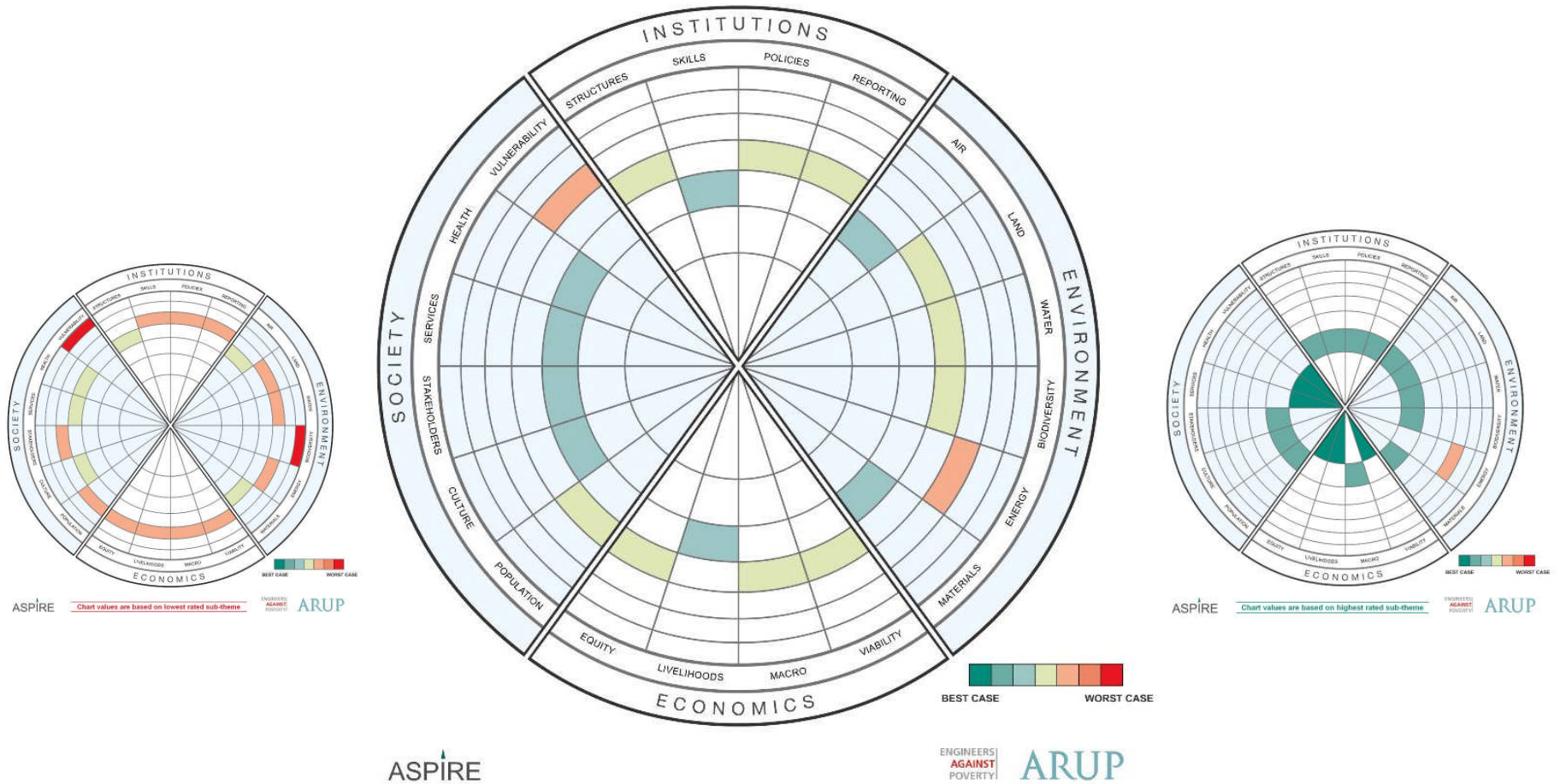


Completion



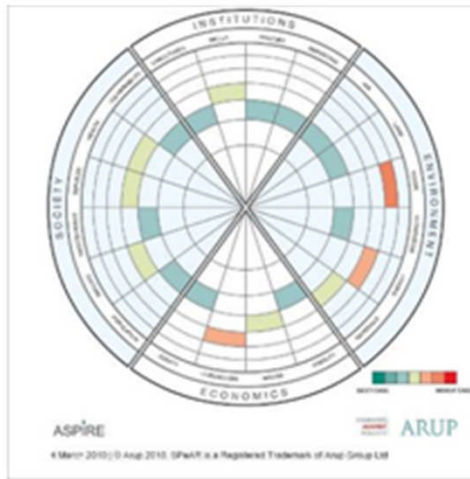
“A Sustainability, Poverty and Infrastructure Routine for Evaluation”

ASPIRE | Uses – Monitoring and Evaluation

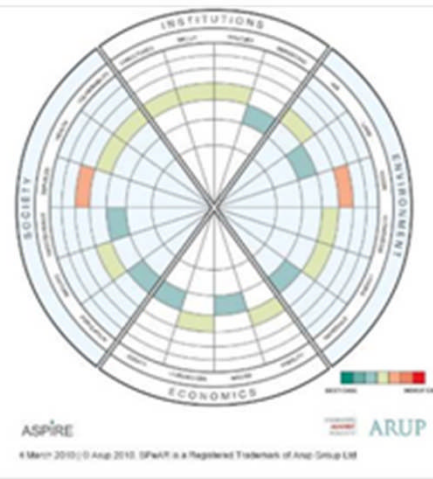


“A Sustainability, Poverty and Infrastructure Routine for Evaluation”

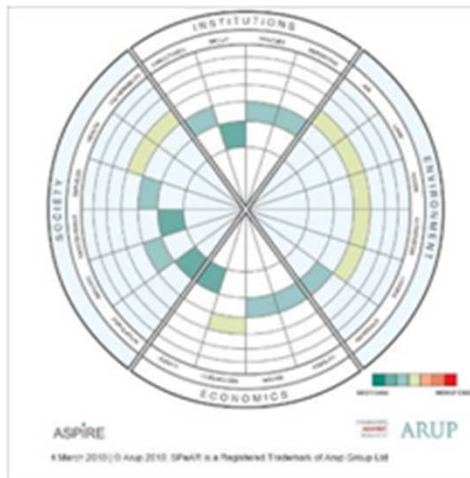
ASPIRE | Uses - Comparative Assessment



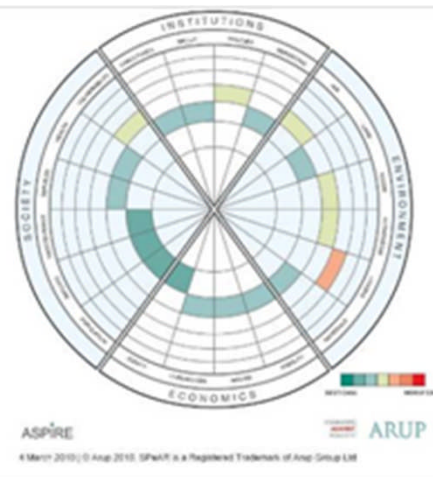
India



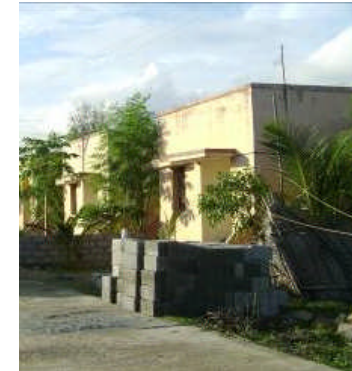
Sri Lanka



Indonesia



Thailand



“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)

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

international-development@arup.com

 @arupid

www.arup.com/internationaldevelopment