Infrastructure and Settlements Expert Working Group

Workshop on the UAE-Belem Indicators

Sharm El Sheikh, Egypt

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Expert Team

The following experts were involved (listed alphabetically).

- Donovan Burton   (Informed.City)

- Lisa Green   (Pacific Community)

- Michelle Mycoo   (University of the West Indies)

- Tiago Cisalpino Pinheiro   (Brisa Soluções Ambientais)

- Debra Roberts   (University of KwaZulu-Natal)

- Alida Saleh   (JLL Sustainability for Middle East and Africa)

- Çiğdem TUĞAÇ   (Ankara Haci Bayram Veli University)

Methodology

- Trialed some AI, but so far disappointed in what was teased out

- Relied on human intelligence

- Each expert aimed to explore 100 indicators each

- Carried out a first pass – but didn't get into the weeds of the criteria yet

- We still have a way to go

Insight on Indicators (1/2)

- Current indicators focus heavily on hazards-based risk, but lacks coverage on other essential areas like tipping points and maladaptation.

- The extent of overlap between the themes cannot be discerned at this point

- No differentiation between current and future risk based on climate projections or qualitative scenarios

Insight on Indicators (2/2)

- Very few indicators linked to transition risk (for example government climate policy change, climate technology, climate-related market risk etc)

- The indicators seem to be based on different scales, and transitioning between some of them is not always feasible.

- Indicators are sometimes country-specific, limiting broader applicability.

Insight on Process

- The method is not clear.

- The volume of data means you may never agree on what you want. So we see some of your options being limited to:

- *Reduce your indicators right down*

- *Create a data system that enables filtration, exploration and visualizations of any indicator (e.g. filter by risk, carbon intensity, regional differences etc.)*

Recommendations

- Employ a data architect and analyst. The analyst will enable to show data visuals to further support party analysis of indicator themes, gaps etc.

- Create an indicator typology that all thematic areas can use (e.g. outputs, outcomes, governance etc)

- Approve technical experts to delete items (or have protocol – e.g. highlight red). Establish protocol for deleting (e.g. capture justification).

- Need to be transparent where there are expertise gaps

- Recognise the complexity of this challenge