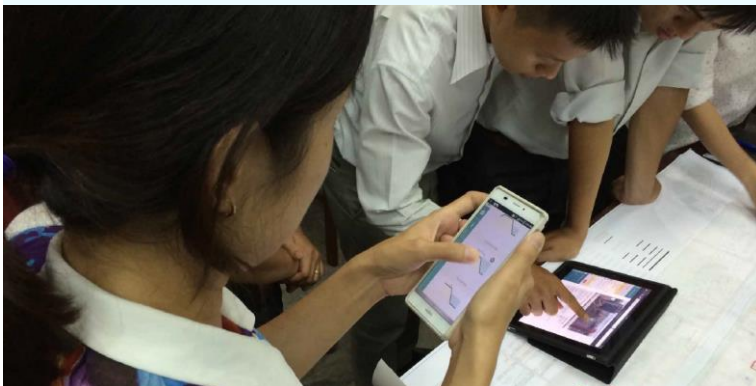


Climate App



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Reinder Brolsma



24 september 2014

What is the Climate App?

Decision support tool for selection of climate adaptation measures

- App and Website (www.climateapp.org)
- Easy to use by a wide audience
- World wide application

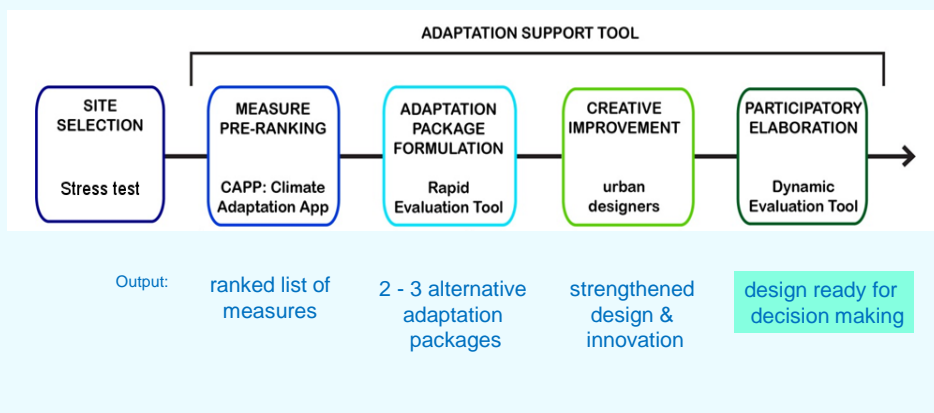


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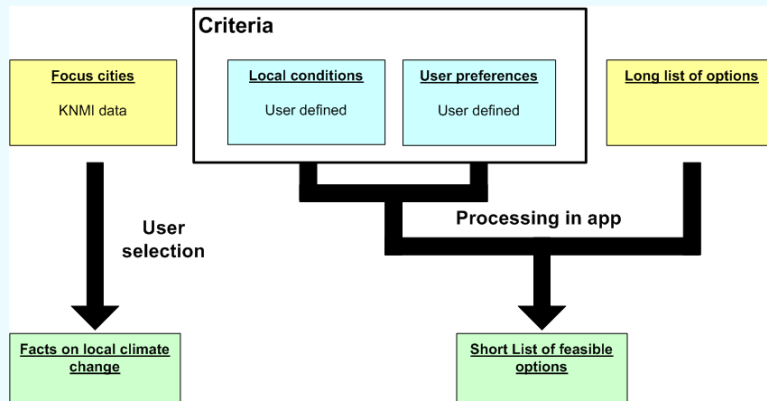
Objectives

- Quick and reliable selection of feasible climate adaptation measures
- Link measures to adaptation target
- Facilitate discussion
- Stimulate creativity during design phase
- Provide insight in local climate and expected climate change

When to use?

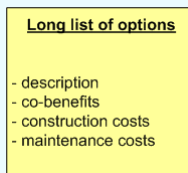


App structure



Adaptation measures

- 110 measures included
- Linked to adaptation target



Measures



Criteria

Preferences

User defined

1. Adaptation target
2. Project type
3. Scale

Local conditions

User defined

1. Land use
2. Soil type
3. Surface level and slope

Criteria - user preferences

Adaptation target



Coastal/fluviat flooding



Pluvial flooding



Heat



Drought

Criteria - user preferences

Scale

City



Neighborhood



Street



Building



Criteria - user preferences

Project type

New development



Redevelopment



Improving existing situation



Criteria – local conditions

Land use



Criteria – local conditions

Soil type

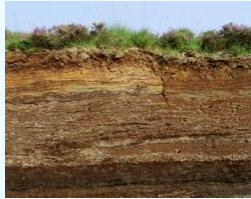
Clay



Bedrock



Peat



Sand



Criteria – local conditions

Surface level and slope



Flat area on low ground



Sloping area



Flat area on high ground

Output

Measures are scored on the criteria:

1. High
2. Average
3. Low

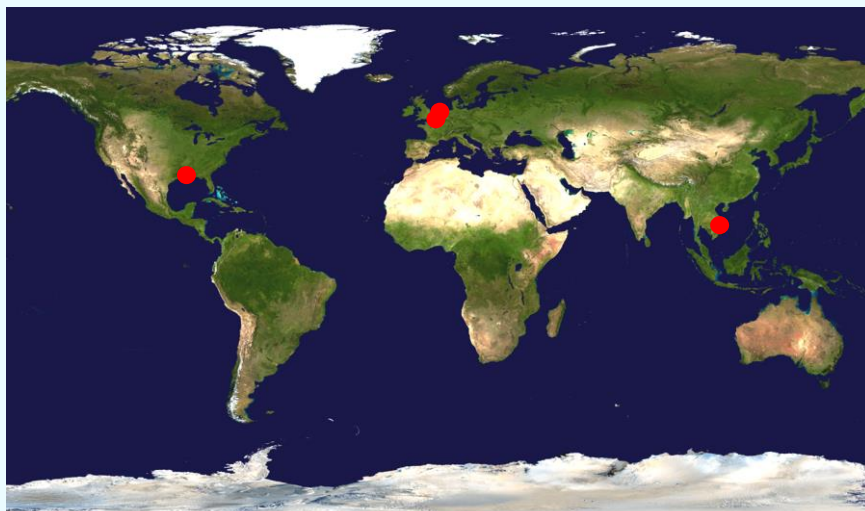
Adaptation target is a filter

Other criteria determine the ranking

Output

- Ranking and filter (short list)
- Measure specification
 - Function
 - Construction cost
 - Maintenance cost
 - Co-benefits

Successfully tested in:



Positive experiences so far

- User friendly
- Quickly accessible and available for everyone
- Generates discussion and ideas



Thank you for your attention!

www.climateapp.org

Or look for:

Climate adaptation app in Apple App Store and Google Play store



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