

Speaker Slides

Dr Jenni Barrett

Landscape Avengers Assemble!



landscape

21

february

The True Quest for Sustainability

Landscape Avengers Assemble!



Dr. Jenni Barrett

@Meme_Cloud

About me...

- I'm not Claire Thirlwall!
- Landscape architect
- Senior lecturer + researcher
- Director of co|LAB



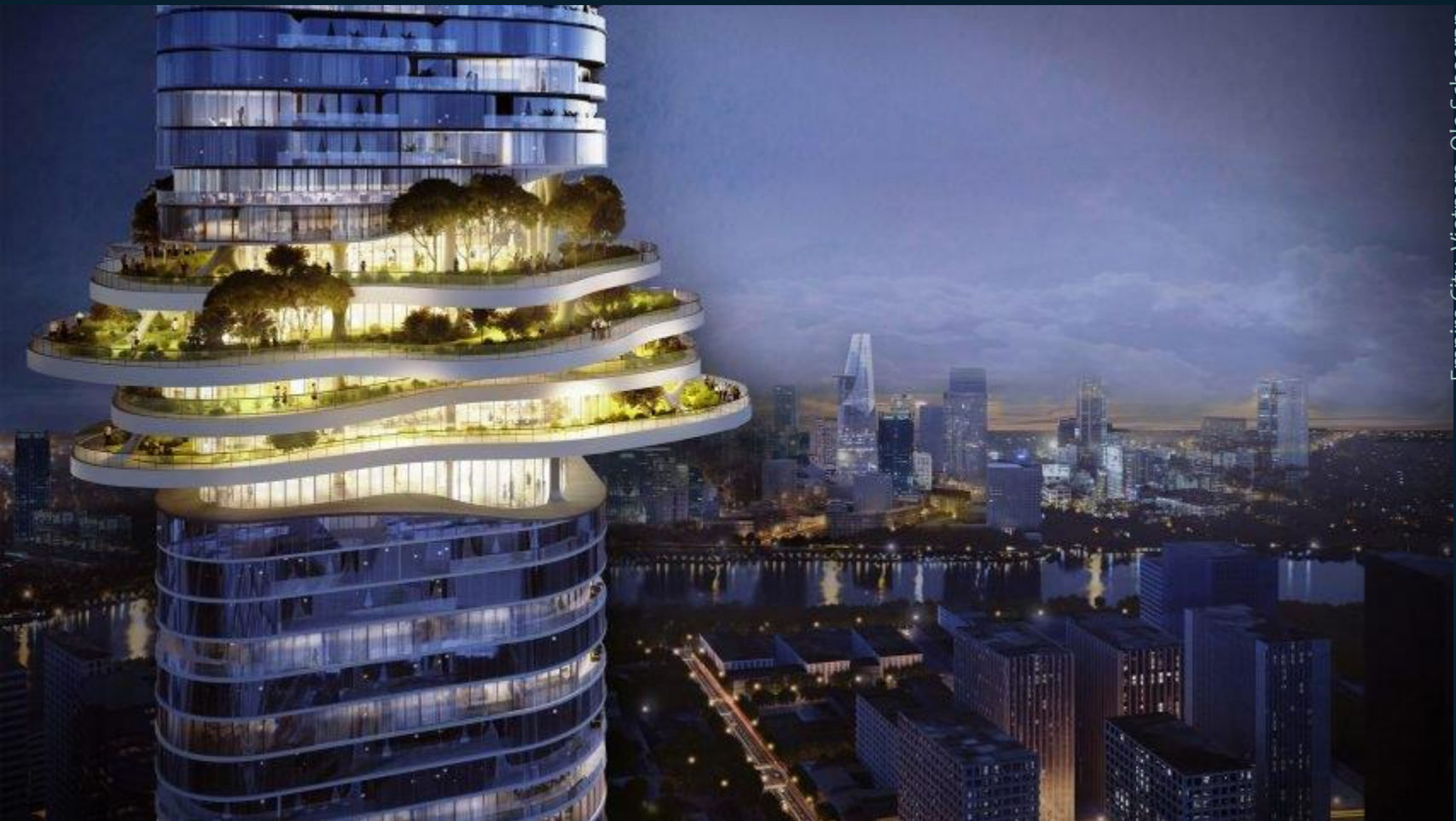
Stirling Innovation Park



Littleport Schools Project



Is this what sustainability looks like?



Empire City, Vietnam, Ole Scheeran

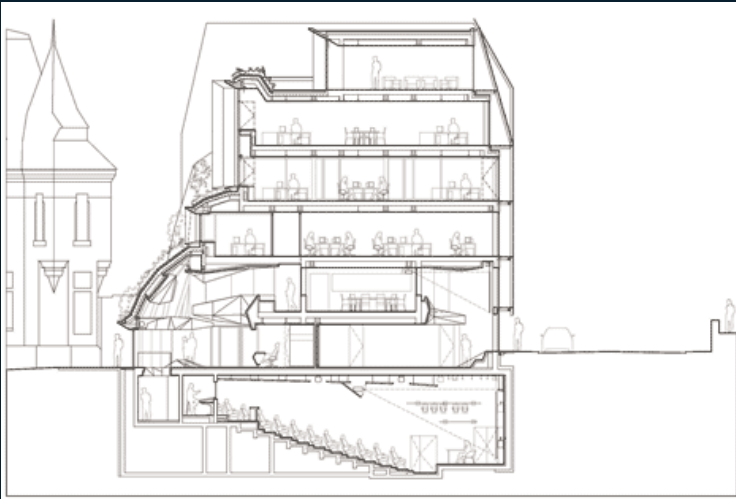
Landscape as DECORATION



Rathbone Market, Churchman Landscape Architects



Landscape as MITIGATION



Regional Chamber of Commerce & Industry, Amiens,
Chartier-Corbasson



Landscape as VENTILATION



House Pibo, Belgium,
OYO



Landscape as INSULATION

INSULATION



PASSIVHAUS



VENTILATION

SAP



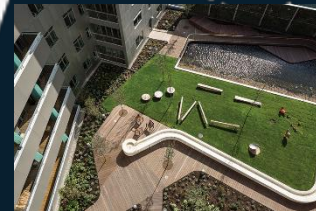
LIVING
BUILDING
CHALLENGE

DECORATION



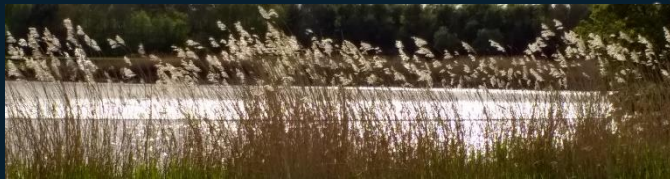
SUSTAINABLE HOMES

LEED



BREEAM

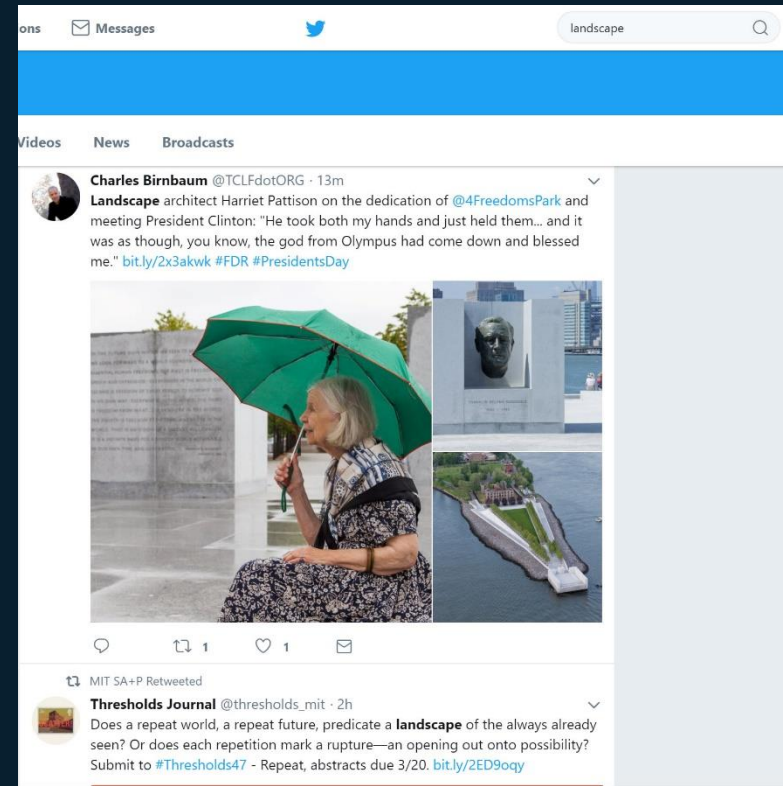
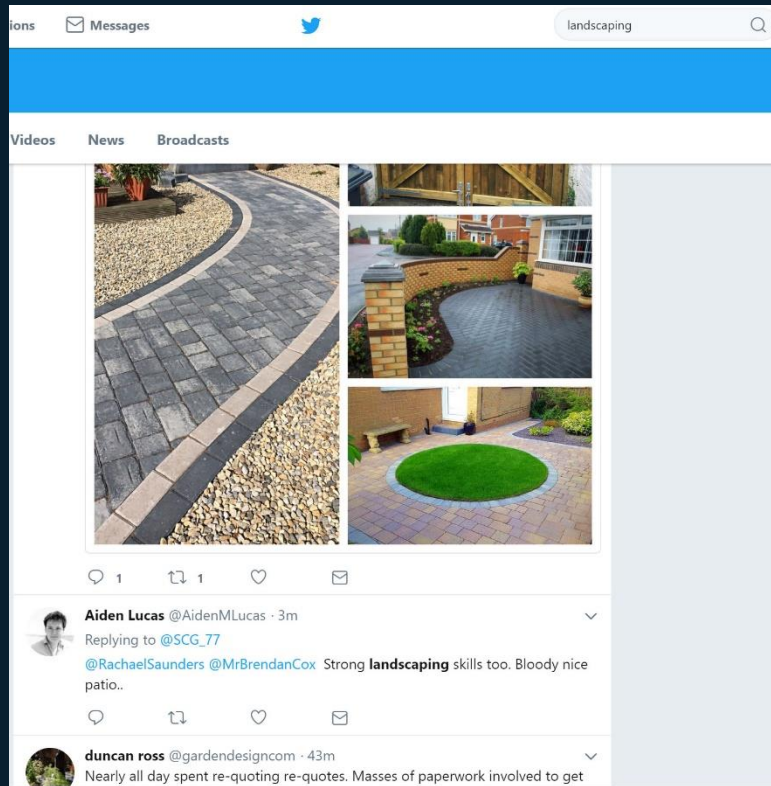
MITIGATION





Landscape is the interconnected infrastructure in which we live

Landscaping



Landscape



Green Infrastructure

An integrated approach to land use

Landscape Institute Position Statement

Landscape as INTEGRATION

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Ford River Rouge, Michigan, D.I.R.T. Studio

Landscape as RESTORATION

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PHASING

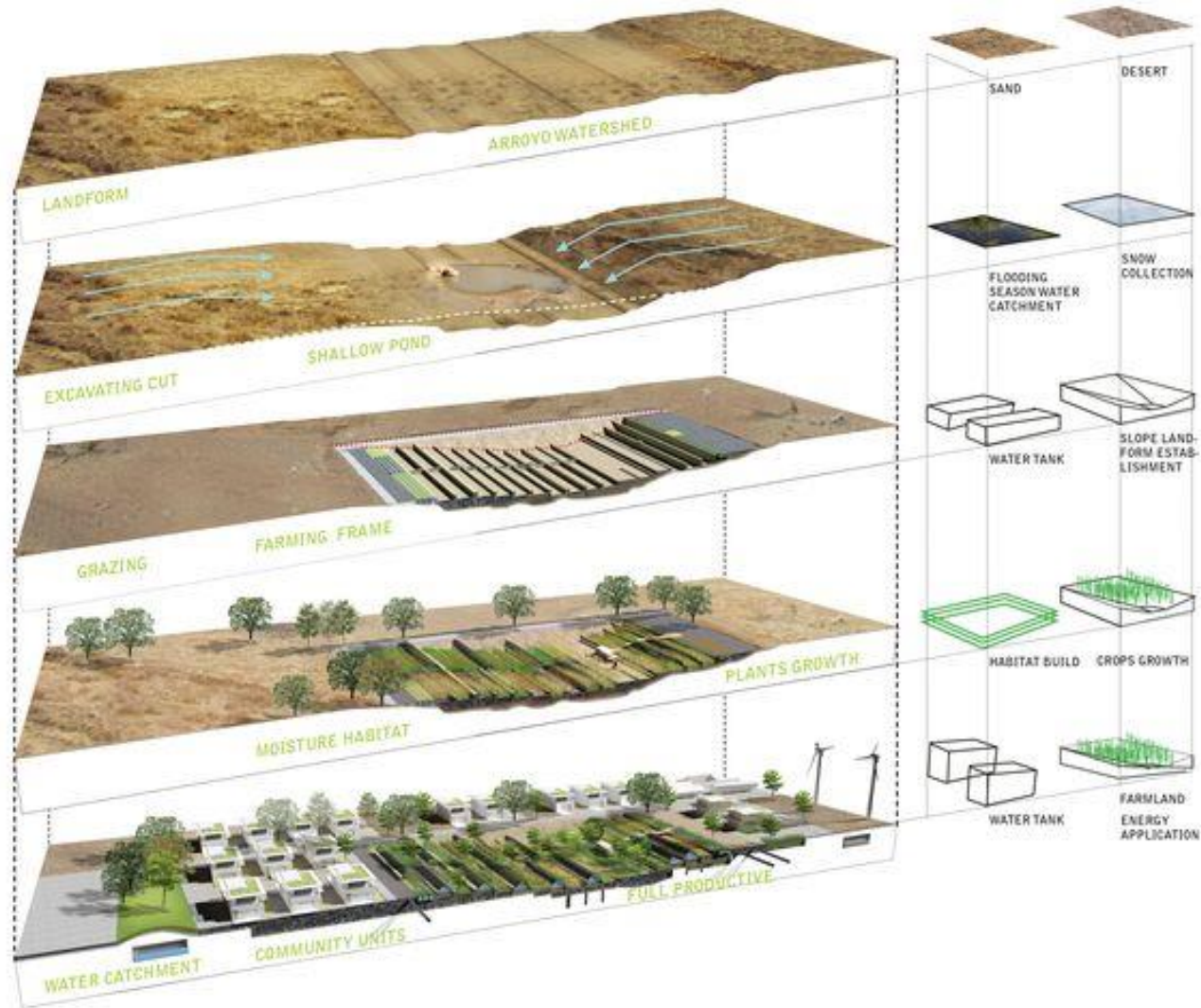
PHASING --1 EXISTING LANDFORM

PHASING --2 EXCAVATING INTENSIFY ELEVATION

PHASING --3 ESTABLISHMENT FARMING FRAME

PHASING --4 MOISTURE MICRO-CLIMATE PLANTS AND CROPS GROWTH

PHASING --5 COMMUNITY HOUSE UNITS FULL PRODUCTIVITY



THE DEVELOPMENT OF PHASING FROM EXISTING LANDFORM TO FULL PRODUCTIVITY OF COMMUNITY HOUSE UNITS.

Landscape in ANTICIPATION

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Landscape in ANTICIPATION

The true quest of sustainability is one which doesn't just mitigate the impacts of development, but makes positive connections that can deliver greater sustainability benefits than can the sum of its parts.

“Priority should now be accorded to landscape, rather than freestanding built form in the making of cities.”

Stan Allen



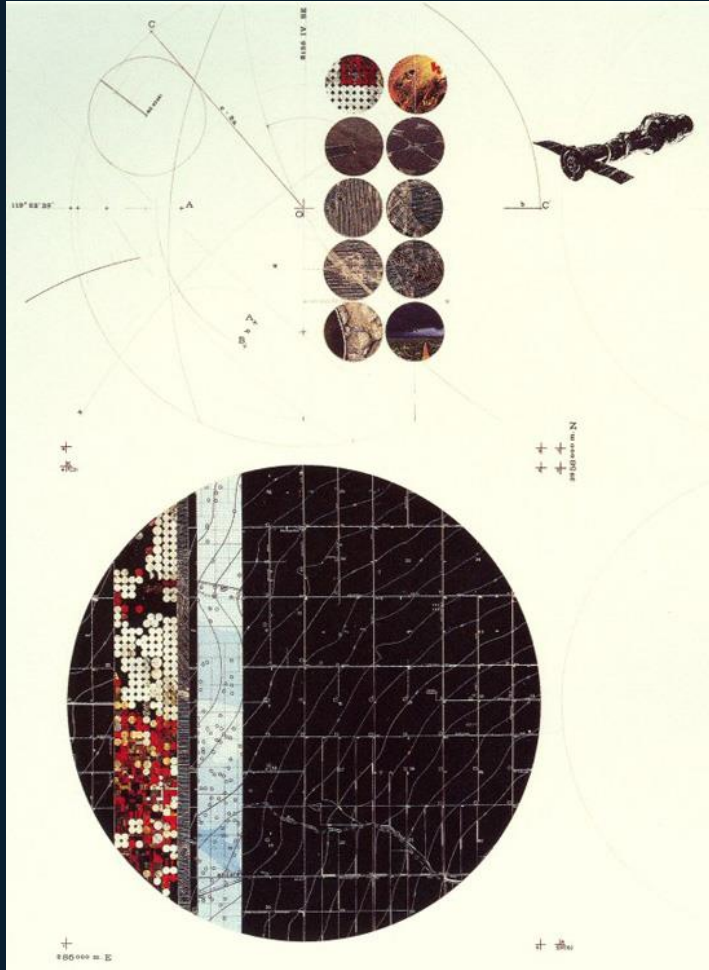
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The 4 stages of landscape



[How] can it be done?



1. Building IS landscape

Observation Post, Presidio Parkland, San Francisco, James Corner/Field Operations



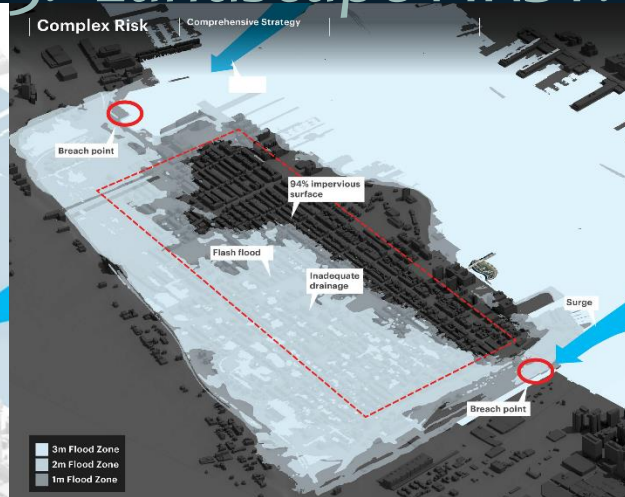
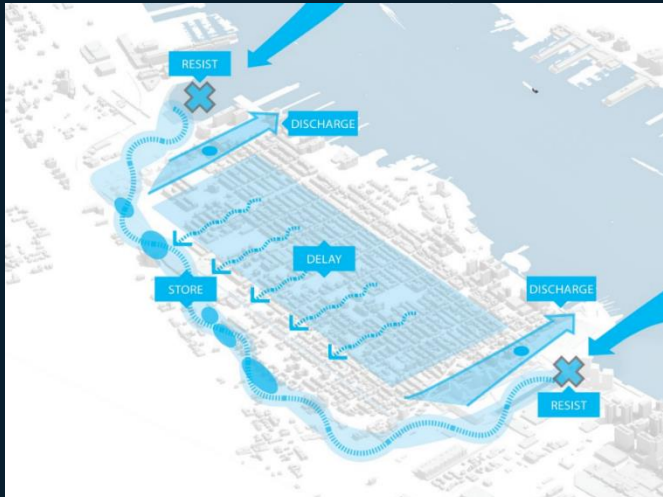
How can it be done?



2. Landscapes with meaningful purpose

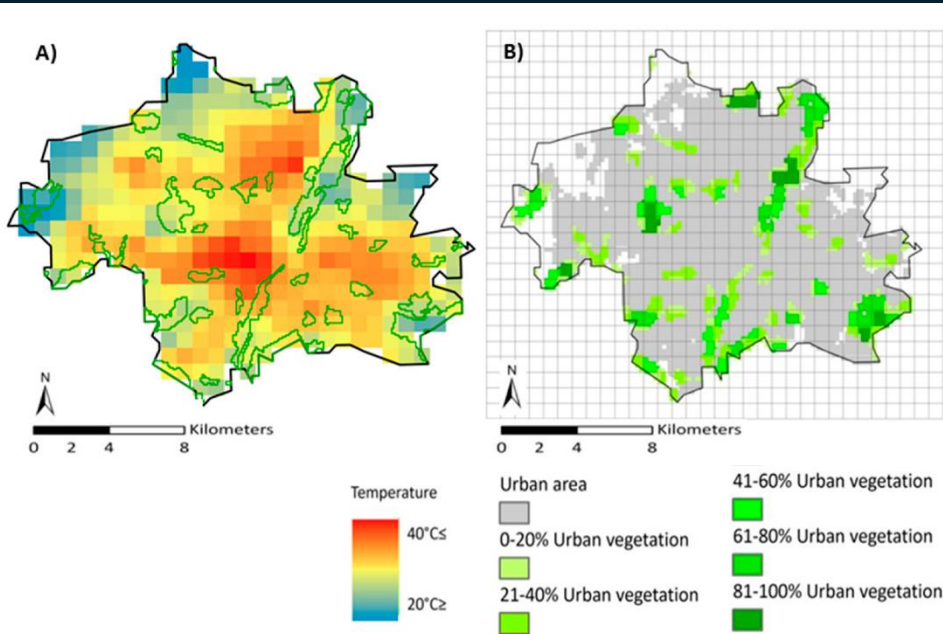
[How] can it be done?

3. Landscape FIRST!



Hoboken Resiliency Park, New Jersey, OMA

[How] can it be done?



Land surface temperature & vegetation density in Munich

Alavipanah, Wegmann, Quereschi, Weng & Koellner, 2015

4. Evidence-based landscapes

[How] can it be done?



5. Landscape professionals as leaders



Do you accept the mission?

Cultural shifts....



The planet is depending on us!

Your superpowers....

1. Your relationship with your client



- Obtain proximity
- Establish a clear, joint vision for sustainable outcomes
- Become involved in business case/brief production
- Communicate a confident, informed summary of the client's sustainability expectations to the project team.

Your superpowers....

2. *How you and others are commissioned.*

- Establish strong interdisciplinary alliances
- Nurture long term relationships
- Advise the client on procurement routes which support the above
- Provide a high value service with sustainability leadership from the start.



Your superpowers....

3. *Your professional identity*

- Convey confidence, extraversion and an appreciation of the 'big picture'
- Celebrate and publicise success widely, beyond your own profession
- Take the credit!



Your superpowers....

4. *The help you enlist!*

- Project team facilitation
- Project evaluation
- Organisational health check
- Tailored one-to-one/group coaching



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