KING'S College LONDON

PESA 2021

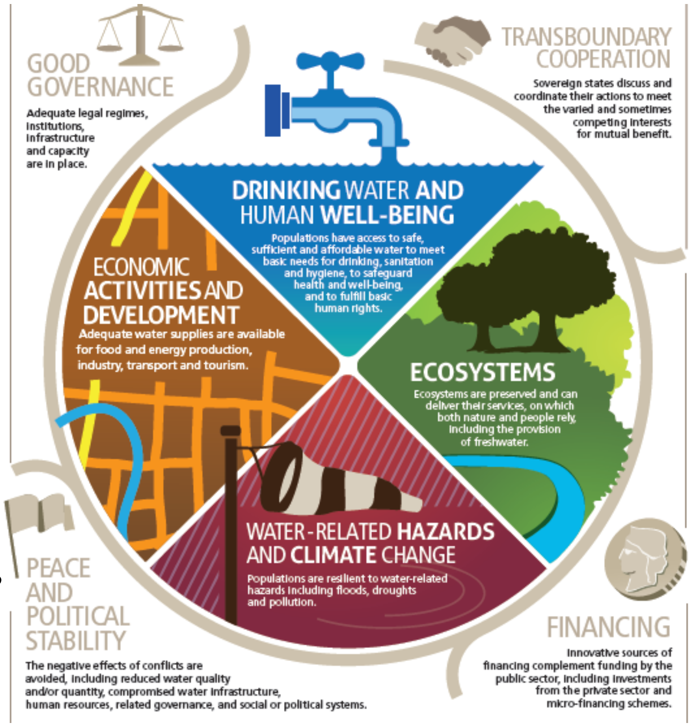
Water security and transboundary water governance in the Pacific

Dr Naho Mirumachi, Department of Geography, King's College London

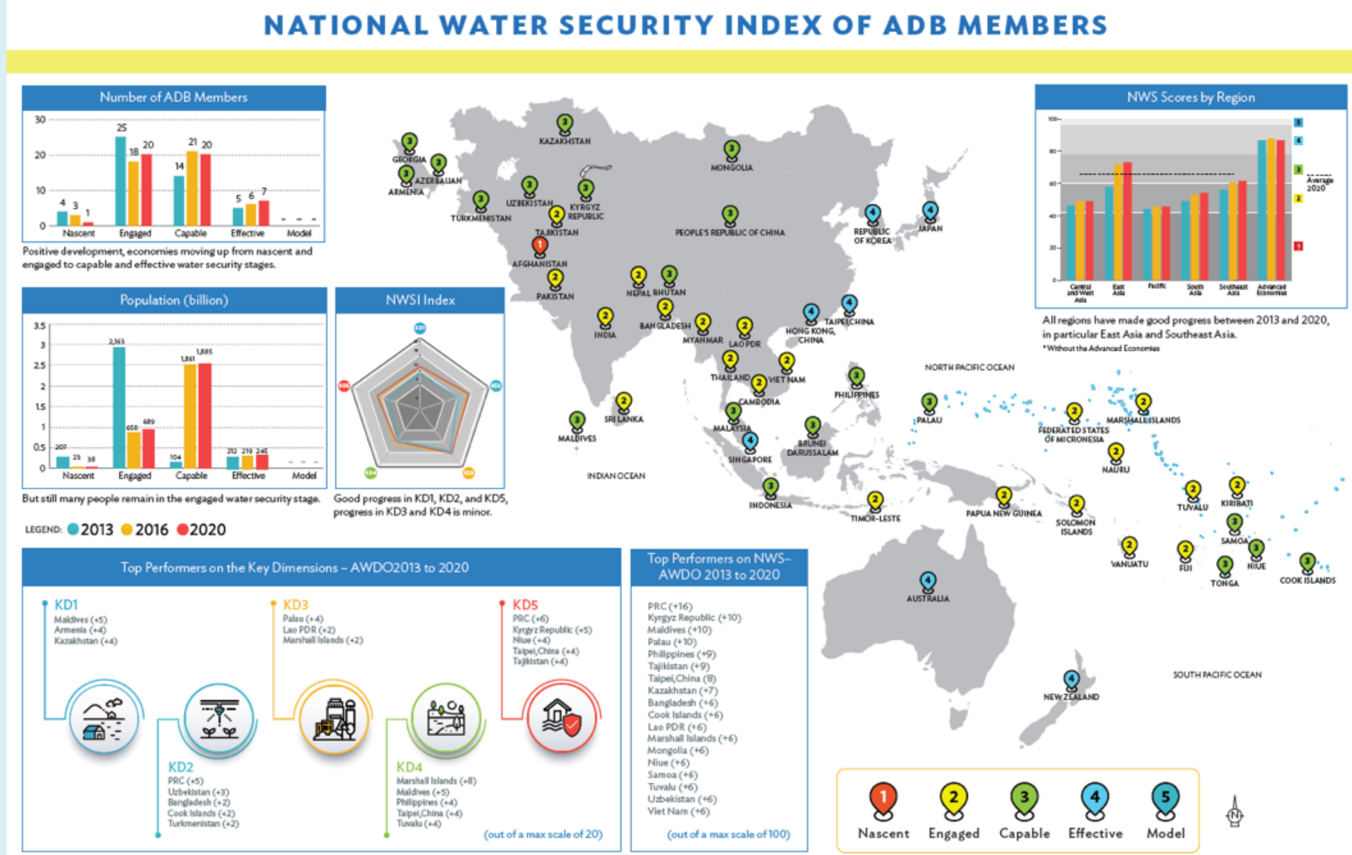
What is water security?

'The capacity of a population to safeguard sustainable access to adequate quantities of acceptable quality water for sustaining livelihoods, human well-being, and socio-economic development, for ensuring protection against water-borne pollution and water-related disasters, and for preserving ecosystems in a climate of peace and political security'

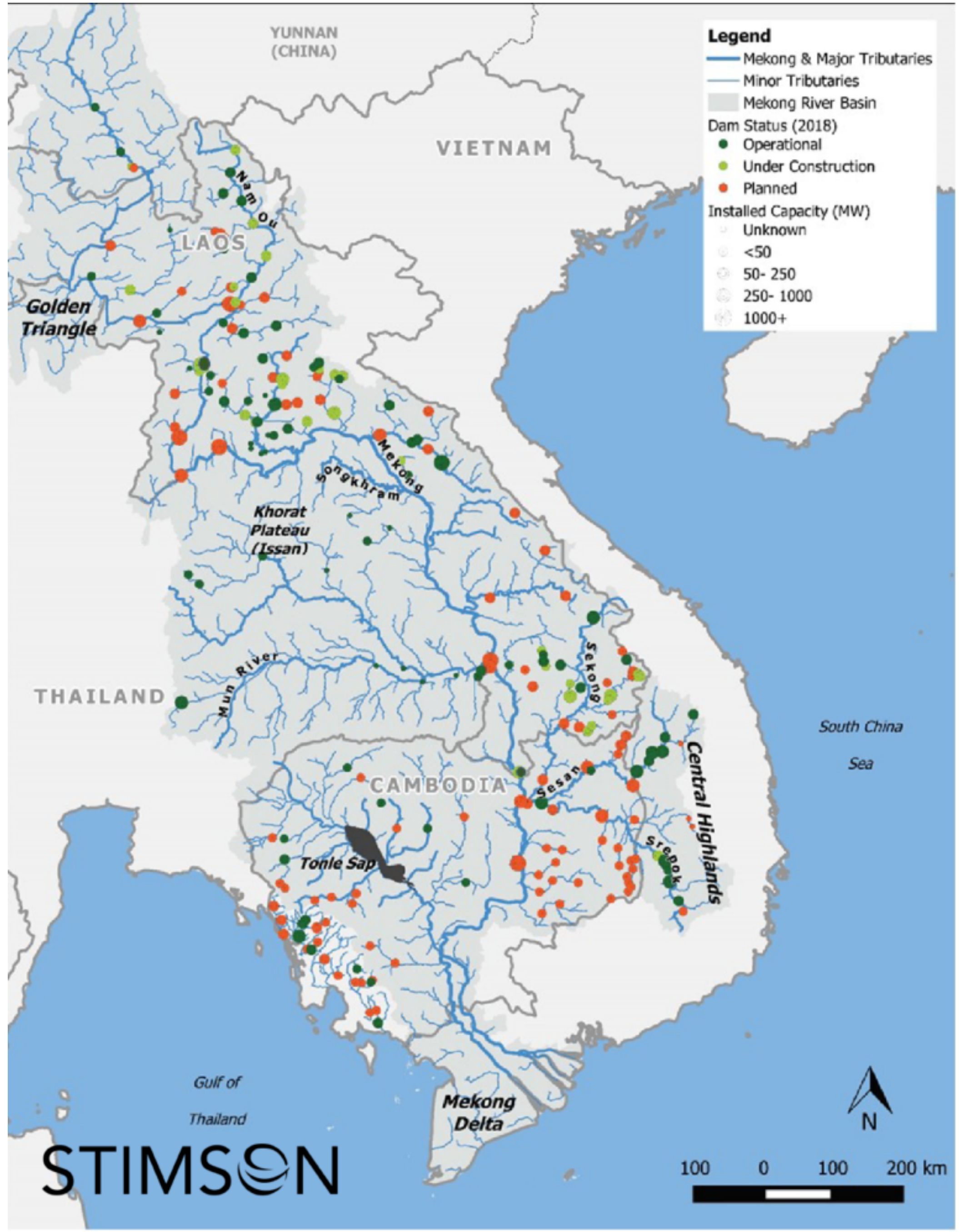
(UN-Water 2013)



What is water security?

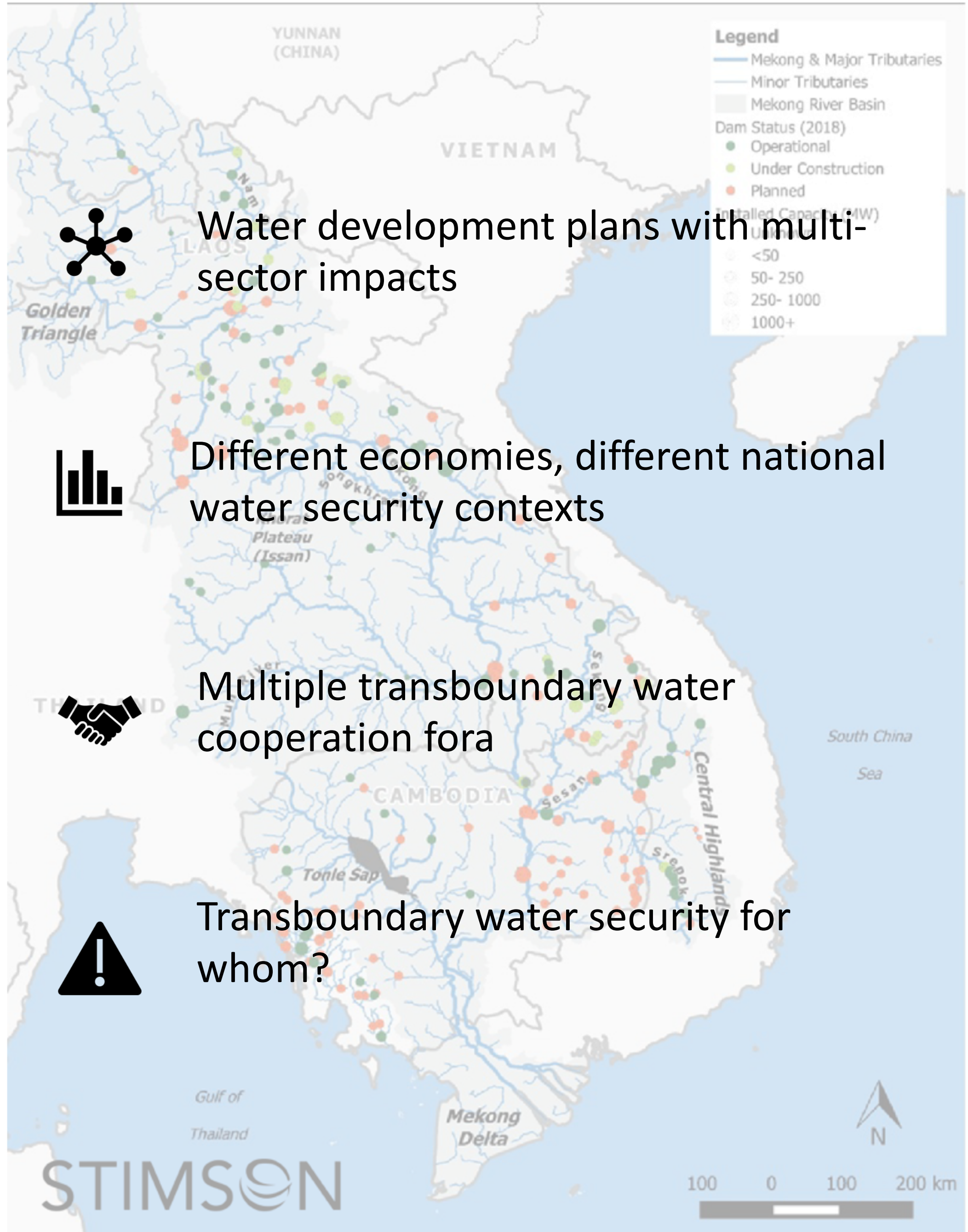


Achieving water security: Mekong example



https://www.stimson.org/2020/2020-status-of-lower-mekong-mainstream-and-tributary-dams/

Achieving water security: Mekong example



- Water development plans with multi-sector impacts
- Different economies, different national water security contexts
- Multiple transboundary water cooperation fora
- Transboundary water security for whom?

https://www.stimson.org/2020/2020-status-of-lower-mekong-mainstream-and-tributary-dams/

Enhancing transboundary water governance for water security

- Drawing on transboundary water governance as a way to enhance understanding of trade-offs and implications
- Leveraging existing governance mechanisms effectively
- Considering social equity and health (including ecosystem health) as drivers for water security


naho.mirumachi@kcl.ac.uk
blogs.kcl.ac.uk/water/
@KingsWaterKCL