

Movers and Shakers: Navigating through uncertain times:

Build Back Better

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Derek Murray introduces you to his recent work across Southeast Asia in providing leadership to how data and smart technologies are revolutionising our approach to urban development, mobility and resilience for our coastal cities.



What?

Project

13 projects in planning,management and climateresilience across 9 cities in6 countries

Funding



Foreign, Commonwealth & Development Office

Impact

27 million beneficiaries

Delivery Team

500 staff delivering from 12 countries



Why?

A drive for medium and long term global prosperity, bringing equality and sustainability through three pillars:

- Urban
- > Transport
- > Resilience



Income per person relative to US, 1960

Source: https://www.economist.com/graphic-detail/2017/10/11/the-middle-income-spread

New Clark City, Philippines

- > A new 9,450 hectare city
- Expected1.2 million population, providing 800k jobs
- Development of a city strategy with focus of an innovative and sustainable metropolis, central park, and affordable housing.

An Integrated Sustainability Plan to embed sustainable urban planning in New Clark City helping it become a showcase for the Philippines by enhancing public space availability, promoting a nature-led approach to design, encouraging the use of non-motorised ways of transport and the creation of mixed use and inclusive developments.

Innovative Solutions

Build Back Better



Environmental resilience through water sensitive design & green engineering

SME Socioeconomic development plan for former red-light district communities



Data hub
incorporating
epidemiological
module to build
pandemic resilience

Hybrid seismic risk assessment and disaster preparedness strategy

New sustainable strategy for neighbourhood planning with the creating of sustainability units



ISMIC RISK ANALYSIS

Creating climate resilience and residential variety for a range of people & affordability levels



Evidence-based flood monitoring and management with **Moata**



Smart Integrated mobility management system with integration of the SDGs



Participatory
design and
community-oriented
methodology to
demonstrate
universal access

How can our businesses unlock social, economic and environmental value through technology?