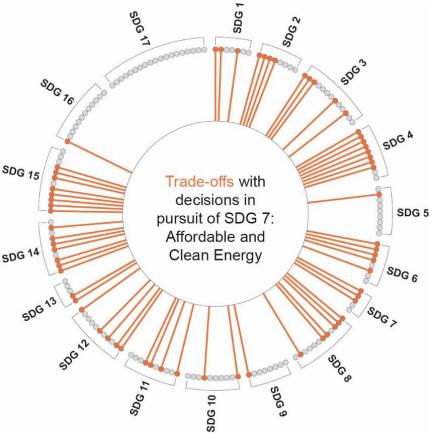


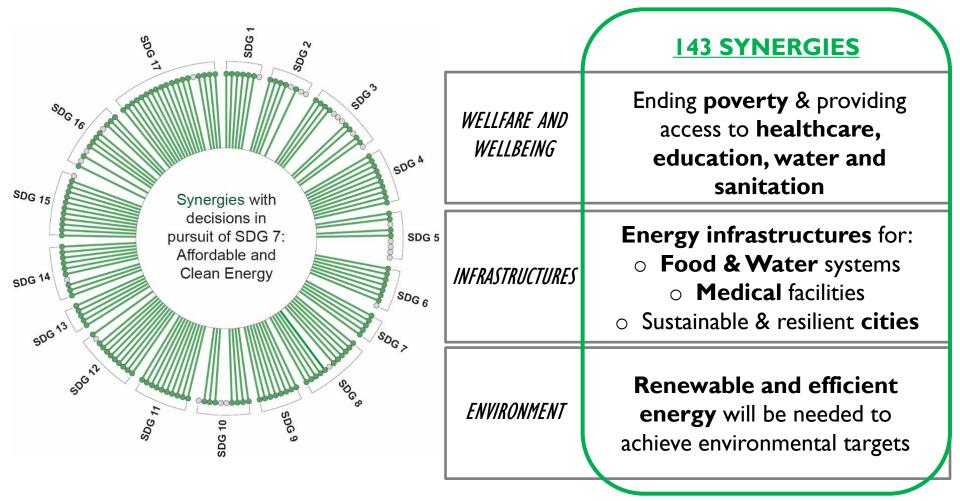
Dr Long Seng To 21<sup>st</sup> September 2022 Modernizing Resource Management

## INCLUDING RENEWABLES IN THE NATURAL RESOURCE BASE – OPPORTUNITIES & CHALLENGES

## 65 TRADE-OFFS

WELLFARE AND WELLBEING	Potential trade-offs with <b>local</b> communities from renewable energy projects (e.g. hydro, biomass)	SOG 76 Solo
INFRASTRUCTURES	<b>Large infrastructure</b> projects can have impacts on achieving several other SDGs	SDG 15 SDG 14
ENVIRONMENT	Energy services for all by 2030 can impact <b>climate change</b> <b>and local pollution</b>	SDG 13 SDG 12 SDG 12





Fuso Nerini, F., Tomei, J., To, L.S., et al. (2018), '<u>Mapping synergies and trade-offs between Energy and the Sustainable Development Goals</u>', *Nature Energy*, 3, 10-15. Bisaga, I., Parikh, P., Julia Tomei, and To., L.S. (2020) "<u>Mapping Synergies and Trade-Offs between Energy and the Sustainable Development Goals</u>: <u>A Case Study of off-Grid Solar</u> <u>Energy in Rwanda</u>." *Energy Policy*,149, 112028.