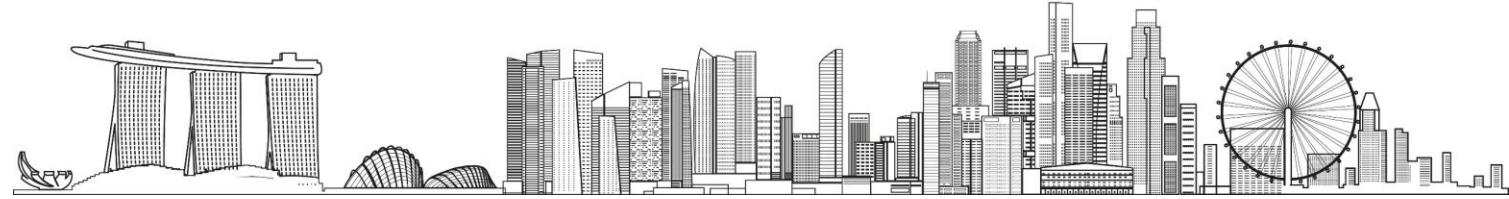


# Singapore 2022 Symposium on Microgrids



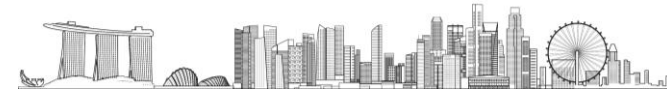
Energy Research Institute @ NTU



## Microgrids for Climate Change Adaptation

Part 1: “Urban Resilient Systems” (Oral presentations)

Part 2: “Vulnerable and Underserved Rural Communities” (Roundtable)

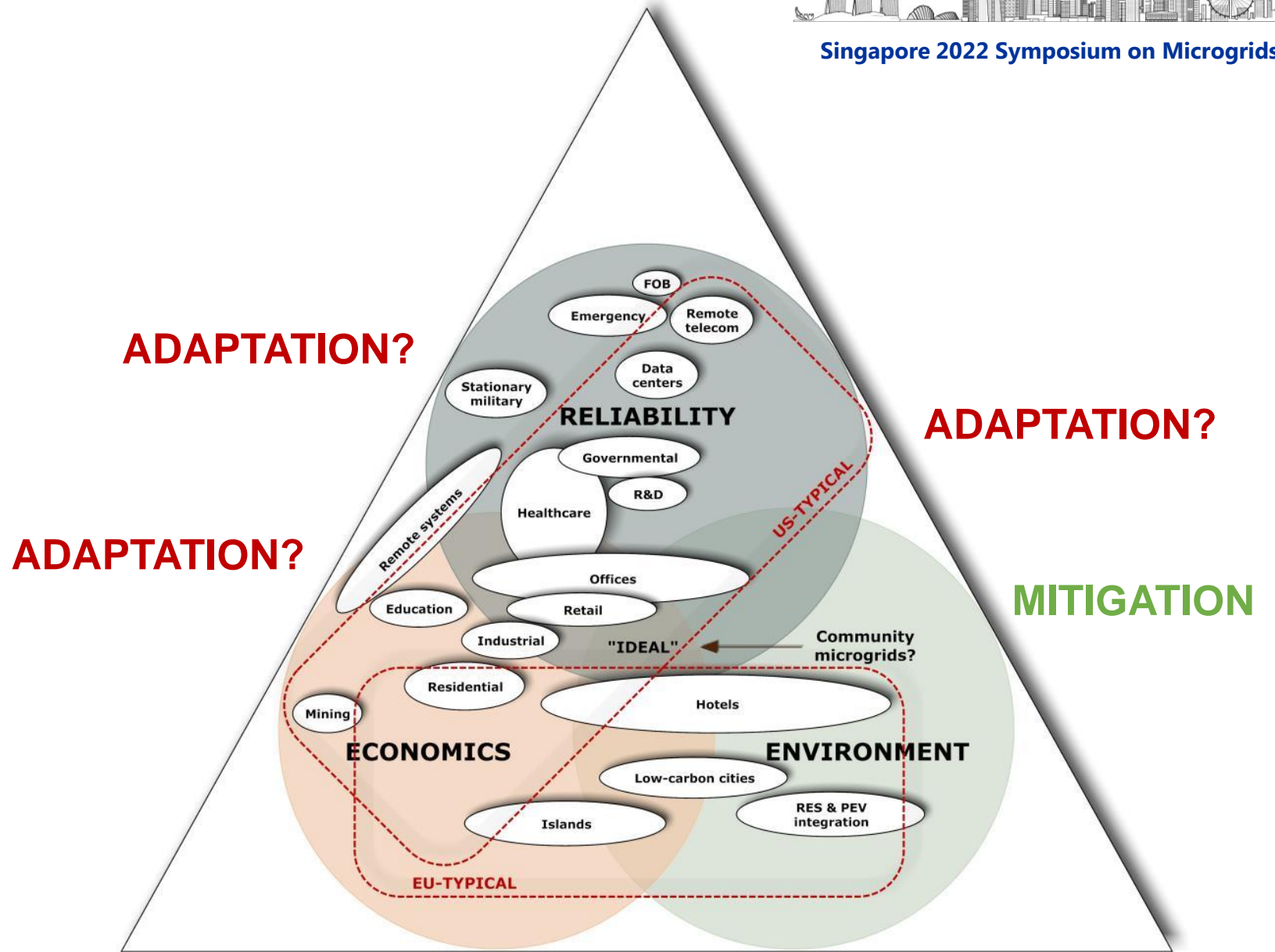


# Mitigation vs Adaptation

- **Mitigation:** *Taking action to prevent or reduce the **CAUSES** of climate change (e.g., fossils' substitution by renewable energy, carbon sinks...)*
- **Adaptation:** *Taking action to prevent or minimize the damage caused by the current and future **EFFECTS** of climate change (e.g., defenses against sea level rise, behavioral measures, infrastructural changes...)*



How does this duality impact microgrids?





# Goals of the session

- **Hear from practitioners** from different world regions on their approaches and frameworks to adaptation via microgrid implementation and specific challenges faced in both urban and rural environments
- **Learn on relevant policy aspects**, such as what regulatory instruments are or should be set in place and under which circumstances, as well as relevant regulation barriers found and to tackle