

Dr. Meng Ni and CEE Colleagues Received Funding Support from Innovation Technology Fund (ITF)

Congratulations to Dr. Meng NI (an Associate Professor at BRE) on his success in winning a big grant on **Wastewater-derived Energy for Smart Towns** from Innovation Technology Fund (ITF) as a **co-principal investigator (Co-PI)**. This project involves 7 colleagues including Dr. Henry Lee (CEE, Co-PI), Dr. Meng NI (BRE, Co-PI), Dr. Ben Leu (CEE, Co-I), Dr. Mark Hsu (CEE, Co-I), Prof. XZ Li (CEE, Co-I), Dr. Daniel Tsang (CEE, Co-I) and Prof. XD Li (CEE, team leader).

Three innovative technologies are incorporated in this project for (1) removal of organics and nitrogen from sewage; (2) sludge reduction, biogas production, and odor control; and (3) **direct conversion of biogas into electrical power**. Dr. Ni will carry out research on **direct conversion of biogas into electrical power** using solid oxide fuel cells (SOFCs).