



## **Guiding Questions: Case studies and virtual site visits**

Consider the following questions as you travel to Thailand and the vicinity of the Asian Institute of Technology to virtually visit three examples of decentralized renewable energy technologies and their applications.

### **1. Klong 6 Community occupational Learning Center, Pathum Thani, Thailand**

Starting a community-led initiative like Klong 6 requires a series of steps and stakeholder engagements.

1. What are the steps you would take as a community member leading a collaborative initiative?
2. What aspects or key elements are needed to implement such initiative?
3. What are the sort of challenges you may face in bringing people on board? How would you overcome potential generational, customary, and other barriers to convince people to join the initiative?

### **2. FOSERA Thailand, Rangsit, Pathum Thani, Thailand**

The YEA organisers and Fosera company share a lot in common, including the idea that electricity is more than just kWh.

1. From what you know and learned so far, what do you think this means?
2. What is the principle underlying Fosera's business model?
3. How does Fosera and its founder Peter Adelman put it in practice?

### **3. Tha Manao community biogas from Swine Farms, Lop buri, Thailand**

1. The Tha Manao project benefits from the financial support of investors. What are the steps you would take as community energy project leader to gather investor-support?
2. The Tha Manao community decided to base their DRE system on biogas – why do you think they chose biogas? What factors must one consider while deciding what technology to base one's DRE system on?
3. We observe that the Tha Manao community's biogas systems have been scaled up considerably since they first started their pilot project – how have they been able to do that, and what factors determine the scalability of a DRE system?