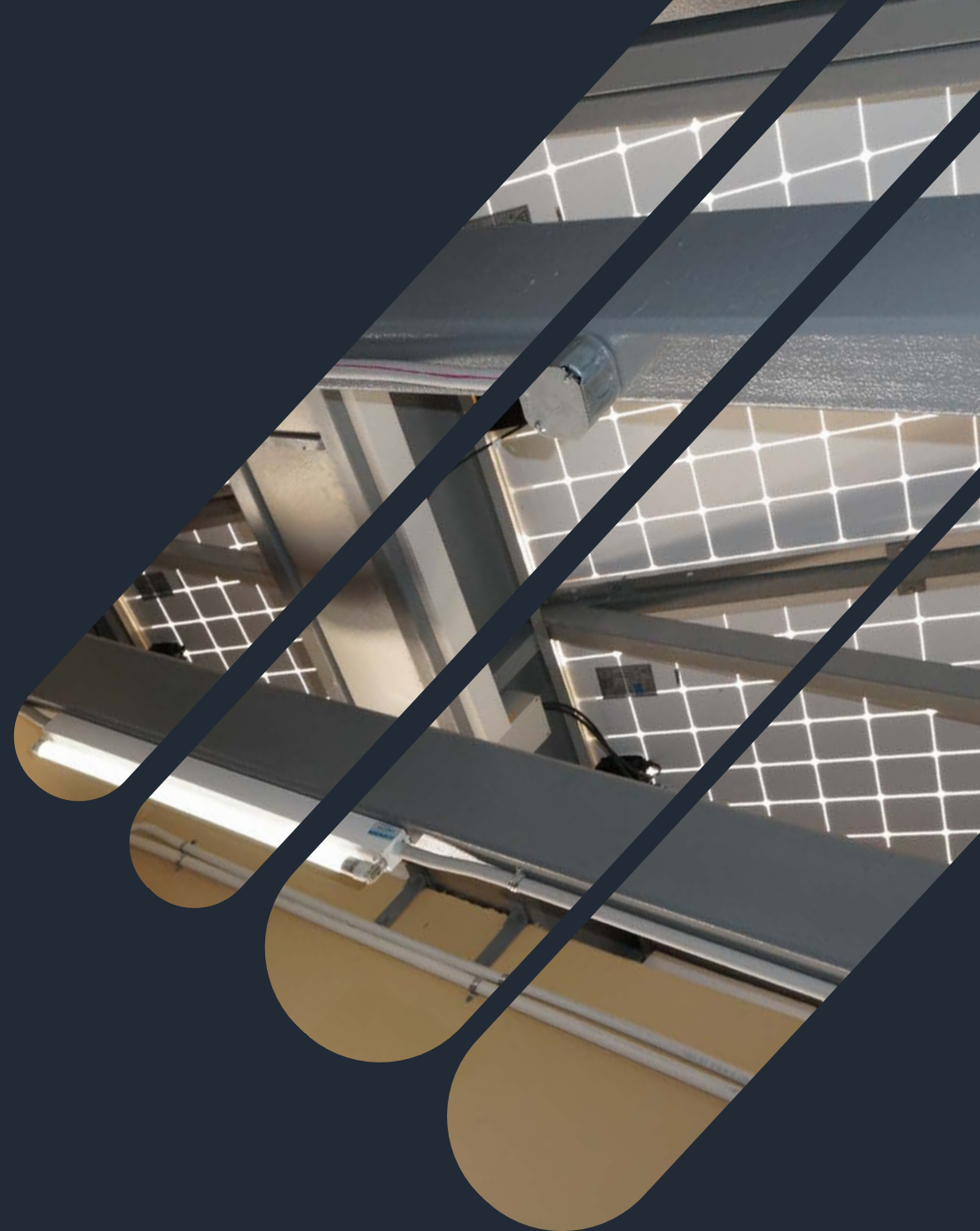


# Caribbean Energy Knowledge Hub (CEKH)

Scoping user needs: results of  
stakeholder consultation

Monkey Mosaic Ltd



# Purpose of the Knowledge Hub

- For decision-makers pursuing the regional sustainable energy strategy (C-SERMS), two significant factors delaying implementation are: (a) lack of information; and (b) lack of knowledge.
- CARICOM Energy is therefore setting up the Caribbean Energy Knowledge Hub (CEKH) as a functional part of the new Caribbean Centre for Renewable Energy and Energy Efficiency (CCREEE)
- It is about **applied** knowledge, not knowledge for its own sake. The purpose of the Hub is to provide decision-making support for actors in the sustainable energy transition.

# Actors in the sustainable energy transition

The Hub is also as much about relationships as it is about information. Key stakeholders for the Hub to support are:

- Governments (energy ministries/officials with responsibility for energy; finance ministries)
- Regulatory authorities
- Utilities
- Private sector clean energy developers
- International development partners
- Universities and research institutions
- Civil society

# Different strokes for different folks



These actors have different roles and responsibilities in the energy transition, therefore their knowledge requirements are different, even when looking at the same issue, and will require differentiated support.

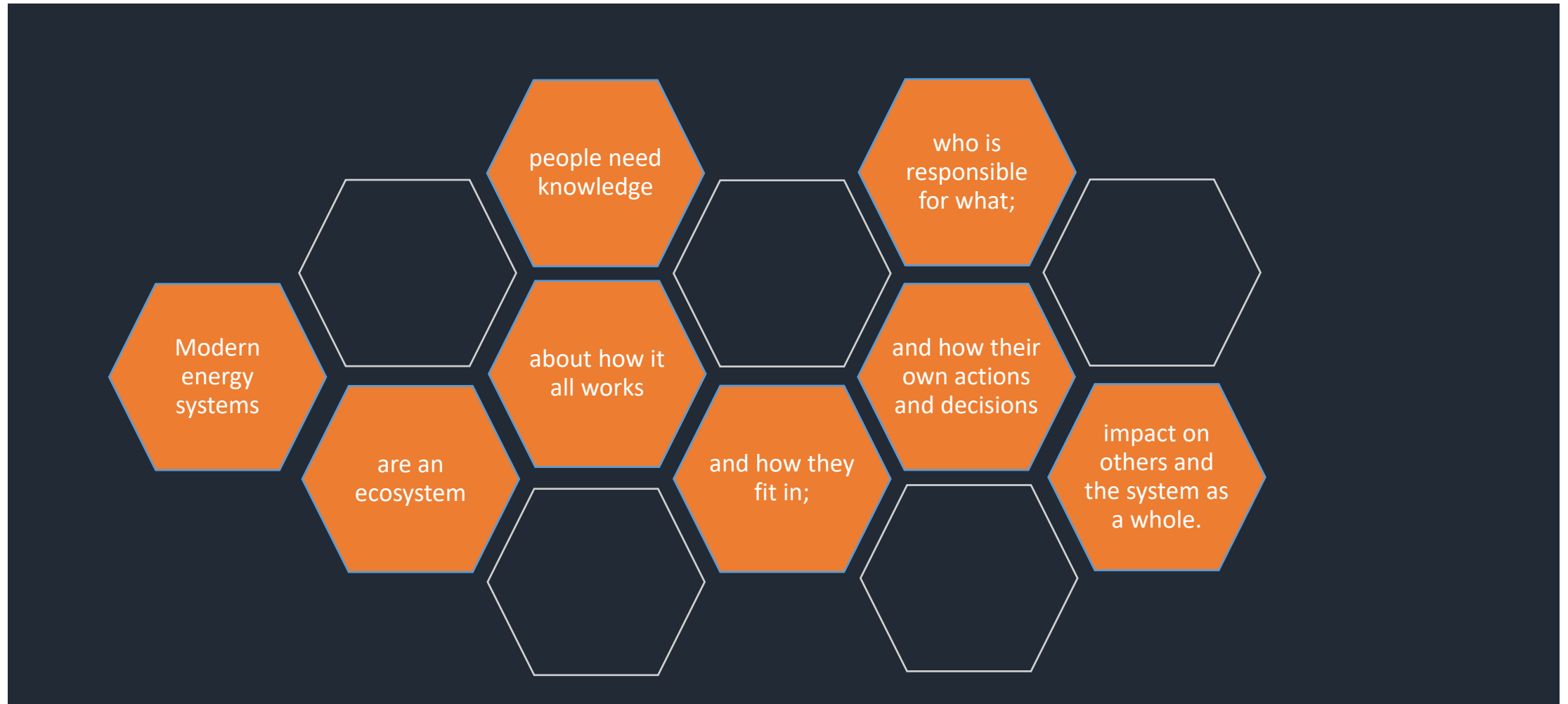
# Focus on people learning

- Simply being presented with more information does not mean we have new knowledge that can be used in our tasks. Gaining new knowledge is *learning*.
- For that, we must integrate the new information into our overall knowledge related to the matter in hand.
- We need to understand how the new information interacts with previous information and knowledge, and with existing externalities and the whole reality of the decision, plans or opportunity we are considering.

# Information and knowledge needs:

1. **Energy planning and development**
2. **Knowledge to support specific decisions** on current and upcoming topics
3. Knowledge brokering opportunities to spread **understanding of specific developments**
4. **Information on available financing** for sustainable energy and knowledge on how to access it
5. **Market information** such as market actors and their capabilities; business opportunities and tenders; projects under development
6. Information about **capacity building activities**, clean energy events and conferences
7. **Information to support monitoring, recording and verification (MRV), and evaluation** of clean energy projects

# Knowledge needs (cont.) 8. energy ecosystems



# Example 1: energy planning and development

**Information to support energy planning processes** such as Integrated Resource Plans, including

- high quality energy statistics,
- benchmarking data across different countries/utilities
- information on different technology options

**Support and advice** in those planning processes, including

- support for improved analysis of information and energy modelling
- (potentially) sophisticated big data analytics, where suitable datasets can be accessed, e.g. from smart meters



# Example 2: knowledge to support specific decisions

Learning opportunities for stakeholders to improve their knowledge to support specific decisions on current and upcoming topics. Live examples mentioned during the consultation included:

Power Purchase  
Agreements

Energy storage –  
in particular  
grid-connected batteries

# Thanks for listening!

James Smith

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