

# Rachel Stanley

## Energy Local



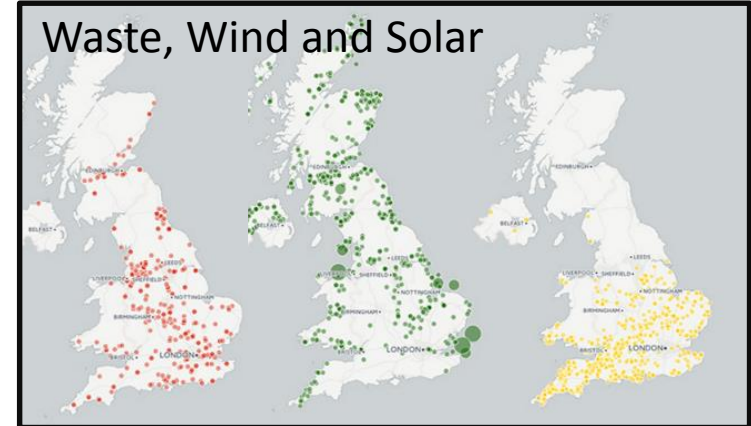
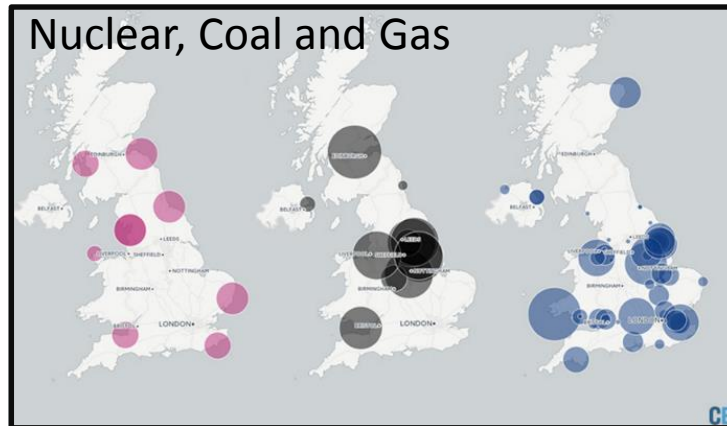
New Thinking For Energy



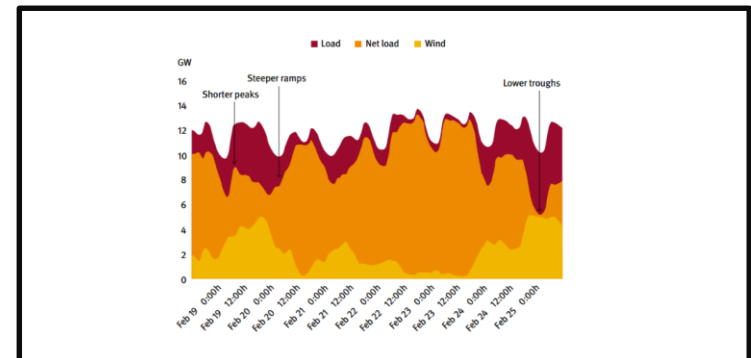
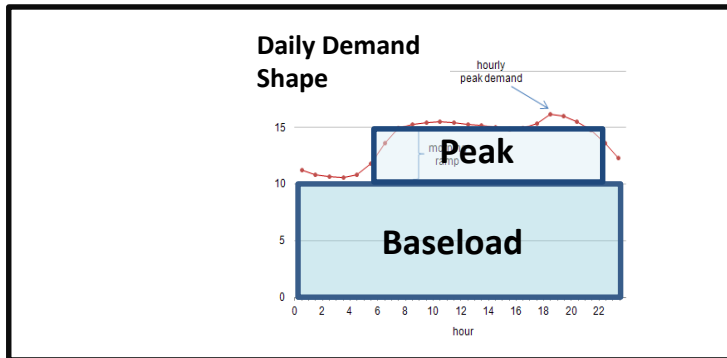
**Let's be grateful.....we have a very  
robust, low cost, reliable electricity  
system. One of the best in the  
world.....**

# But the energy system is going through a transformation

Centralised  
to  
De-centralised

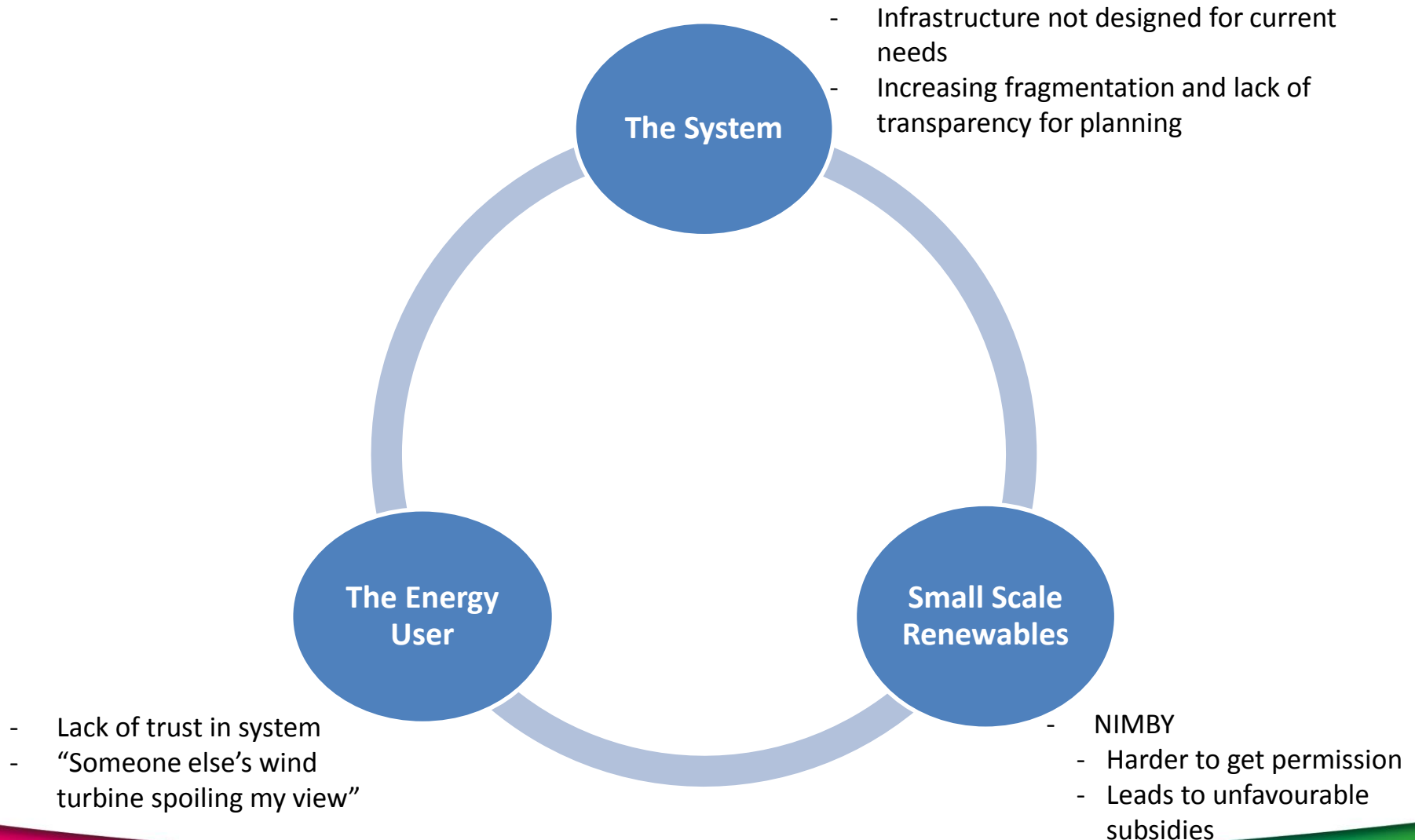


Predictable  
to  
Unpredictable  
and less stable

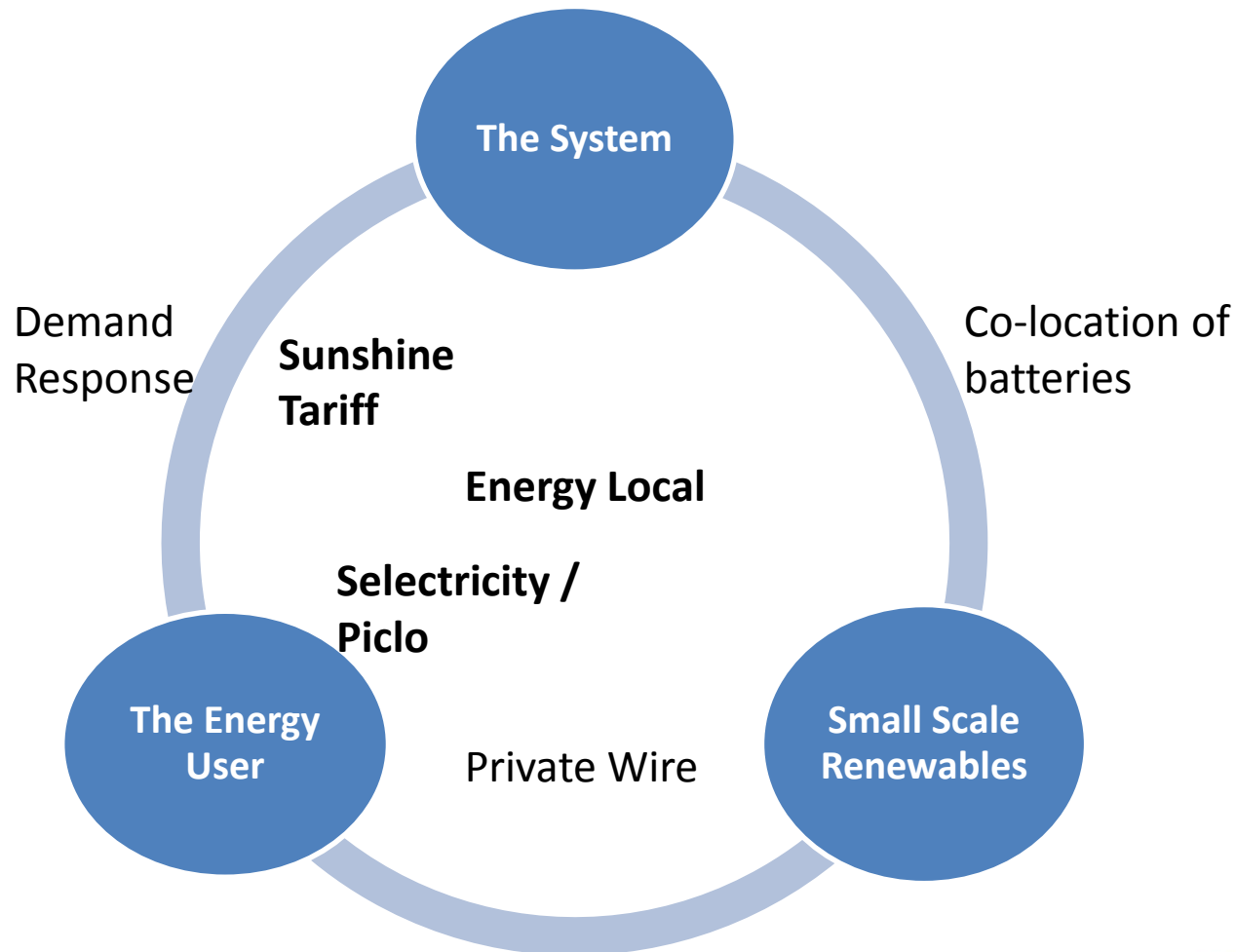


...and this is just the beginning

# This causes problems for the system, the energy user and small scale renewables



**There are several great solutions that are being developed to facilitate the transition through addressing these problems**



## For example... Energy Local

- Local energy club forms, all members join same supplier
- A local price agreed with local renewable supplier
- Energy used when the renewable supply is generating is at that price, otherwise at tariff agreed with supplier
- Information is provided in a timely, usable way, so that non-time critical use can be shifted

For example **Bethesda**



## **So things *can* be done, but current regulations make it harder**

- Trialing new supply side ideas in the current mechanism is difficult
- SMETS compliant Smart Meters are not “smart” enough
- Energy users need access to data in a way that helps with their decision making

# Question

What gets you excited about local energy markets? What are your biggest concerns?