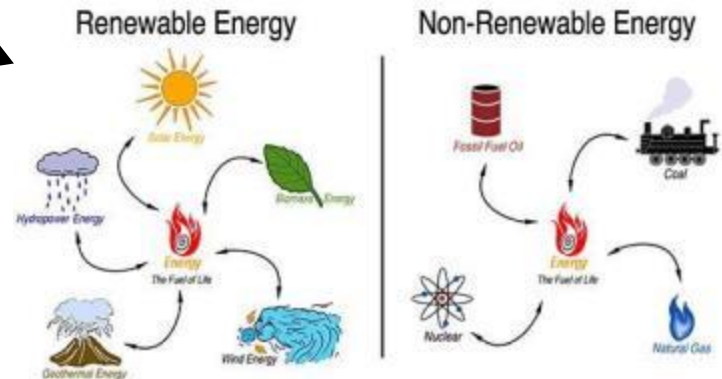
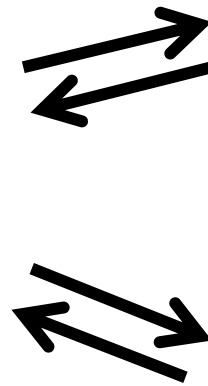
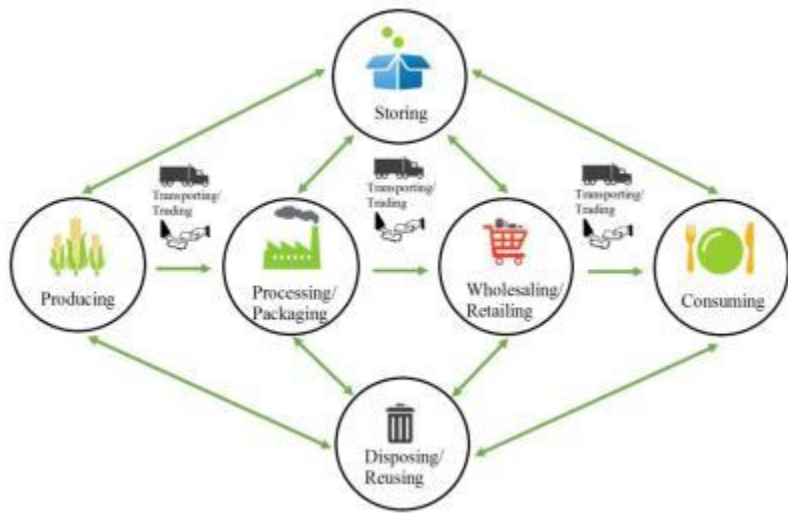


Food Systems include a set of 'Activities' ...

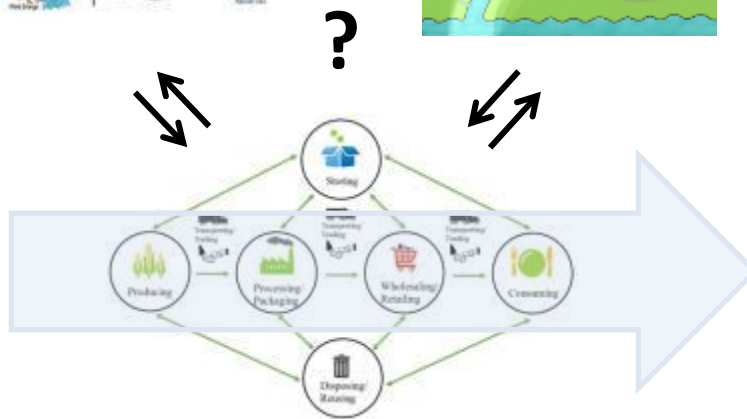
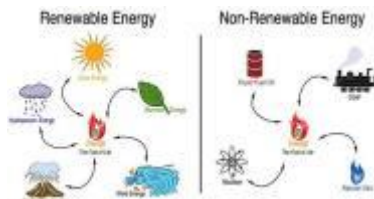


... all of which have two-way interactions with water and energy production and use.



The Local Nexus Network will investigate localised food manufacturing and the decentralised energy and water systems that interact with the food system.

How will localising the food sector affect water and energy use?



Oxford
1% to ~10%
from
Oxfordshire



Northstowe
0% to ~10%
from
Cambridgeshire

And also the rural and urban food, business, social, environmental and policy landscapes?

P1 (Food): How will localising the food sector affect water and energy use?

1. Assess re-engineering food system activities at county- and city-levels, including adaptation of food engineering technologies with smaller processing capacity.
2. Investigate how the above activities affect food system outcomes for
 - I. the major components of food security:
 - II. energy and water use across all food system activities
 - III. sustainability of the multiple food system enterprises, businesses and livelihoods and their contribution to creating circular economies with enhanced resource efficiency and stewardship.

Initial workshop to:

1. examine literature and case study findings
 2. discuss key research questions and practical challenges and invite new thinking
- => *Analysis of rational alignment between local resources, production and consumption to inform emerging food system activities and policies.*