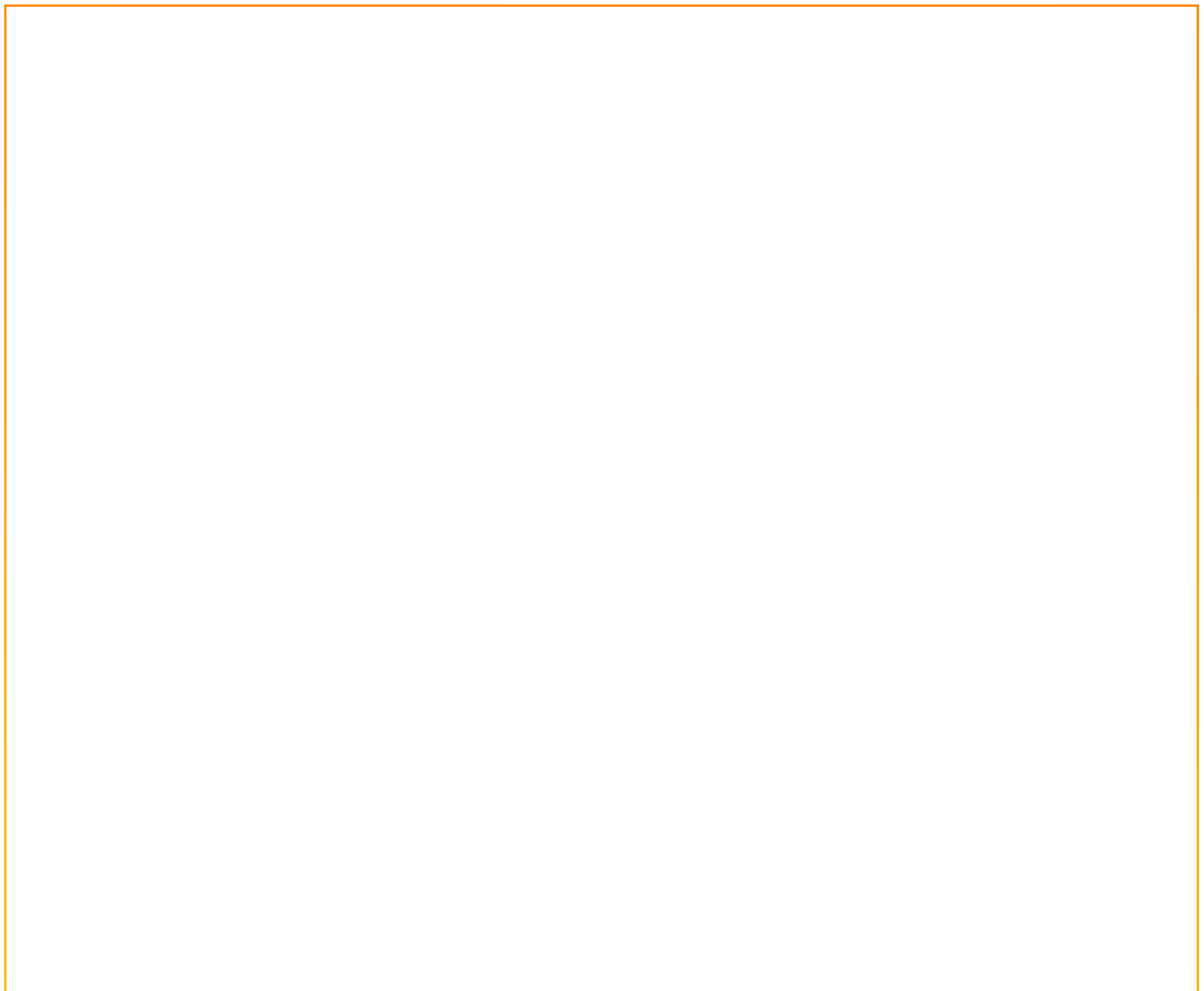
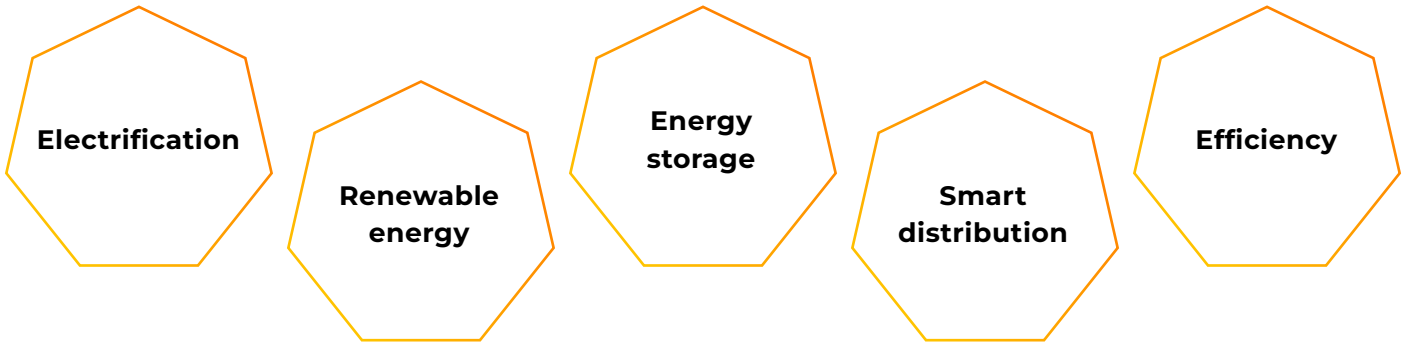
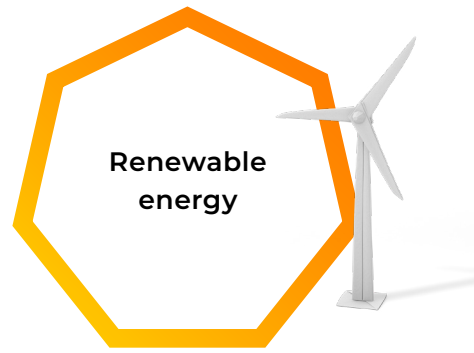


Activity sheet 6

Combine these elements and more of your own into a concept map.
Show how different technologies work together to achieve **net zero**.





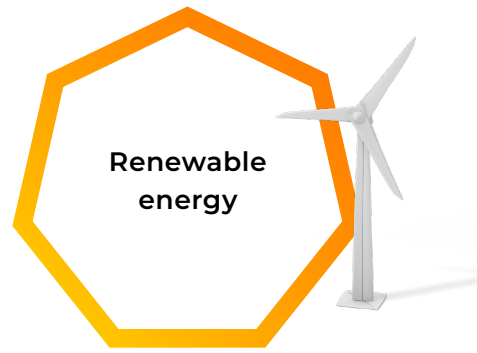
Activity sheet 7

What do you think each of these four approaches to reduce demand means?	
Efficiency:	Matching:
Adjustable speed drives:	System optimisation:

What carbon emissions reduction would a **25% reduction** deliver?

List four beneficial applications for grid storage:

What non-battery forms of energy storage can you think of?



Activity sheet 8

What decisions will a smart grid need to make?

What do you think 'actively manage demand' means?

What might artificial intelligence (AI) better forecast?

How will AI help as a distributed grid expands?