

Activity sheet 7

Generate three ideas for how a smart material can make an engineering machine, process or product more sustainable.

Scenario	Stimulus and smart material	Controlled response

Scenario	Stimulus and smart material	Controlled response

Scenario	Stimulus and smart material	Controlled response

Activity sheet 8

Develop one of your ideas from activity sheet 7 by describing how the smart material can help engineers to apply some or all of the 6Rs of sustainability and/or the idea of a circular economy.

Smart material:

Rethink:



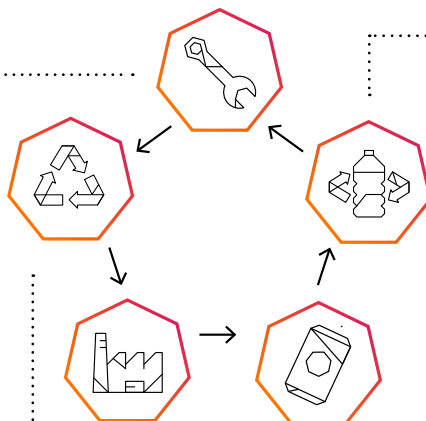
Refuse:



Reduce:



Repair:



Reuse:

Recycle:

Production:

Consumption: