

Technology Strategy Board

Driving Innovation

How Do We Mainstream Sustainable Innovation?

Dr Richard Miller
Head of Sustainability

V2 140508







1845 projects
£142m value



600 meetings



15 networks
35,000 members
ktn.innovateuk.org



**6 Technology and
Innovation Centres**

Sustainability

Energy

Built
Environment

Food

Transport

Healthcare

High –Value Manufacturing

Digital Services

Advanced
Materials

ICT

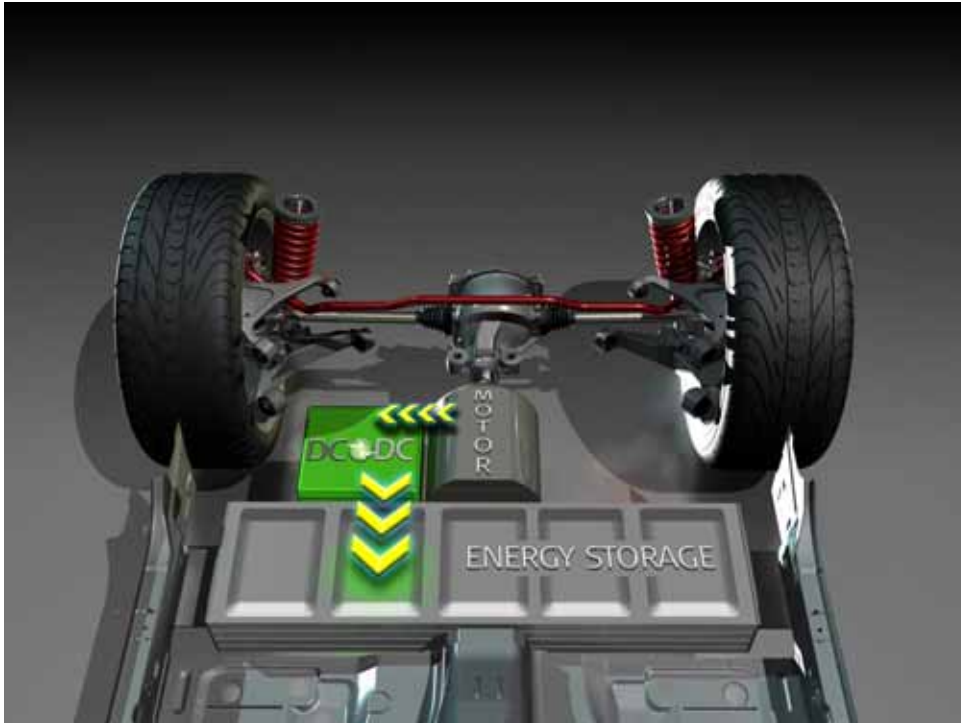
Electronics,
Photonics,
Electrical
systems

Biosciences

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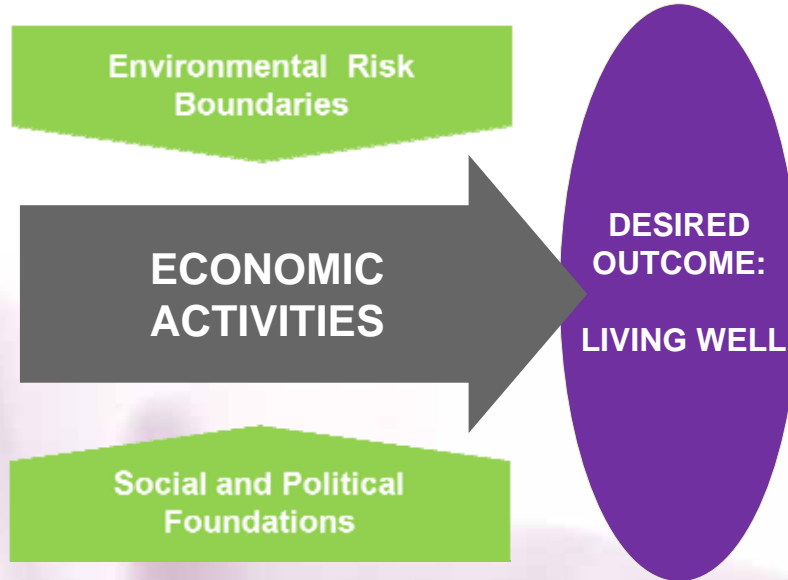






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Environmental risk boundaries

Global warming	Biodiversity
Capacity to process waste	Blue water
Renewable resources	Non-renewable resources
Stratospheric ozone	Land use
Nitrogen & Phosphorus	Toxic chemicals
Ocean acidification	Atmospheric aerosols

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Social and political foundations

Long-term thinking	Science and evidence
Empathy	Interdependence
Human Rights	Trust
Accountability	Civil Society
Equity	Measures of success

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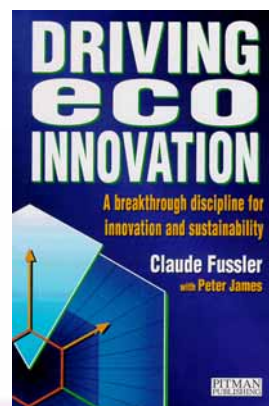
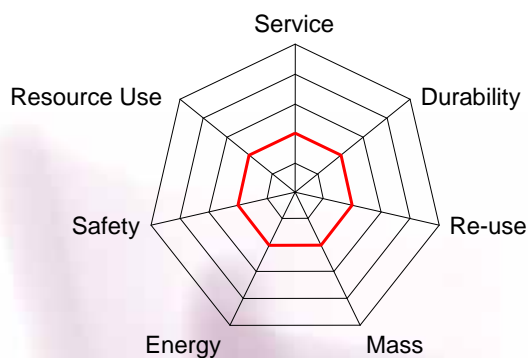
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Eco-innovation compass

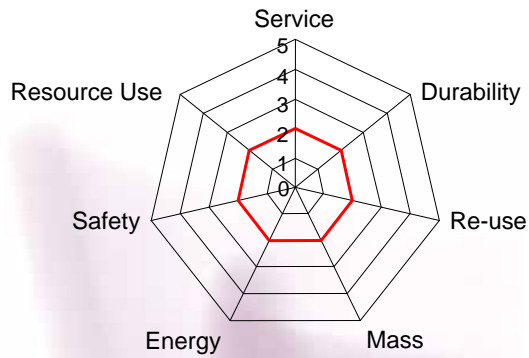


Eco-innovation compass – WBCSD and Dow

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Compass scale



0 – decrease > 50%

1 – some decrease

2 – no change

3 – some increase

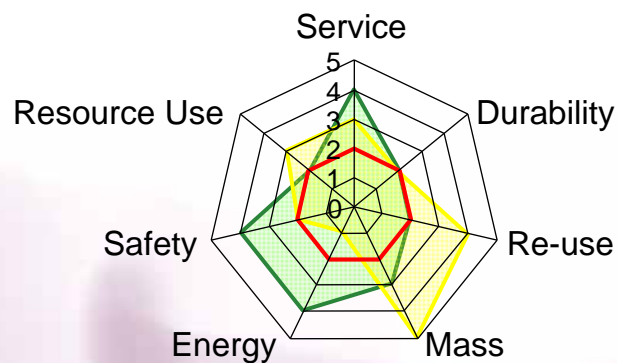
4 – increase x 2

5 – increase x 4

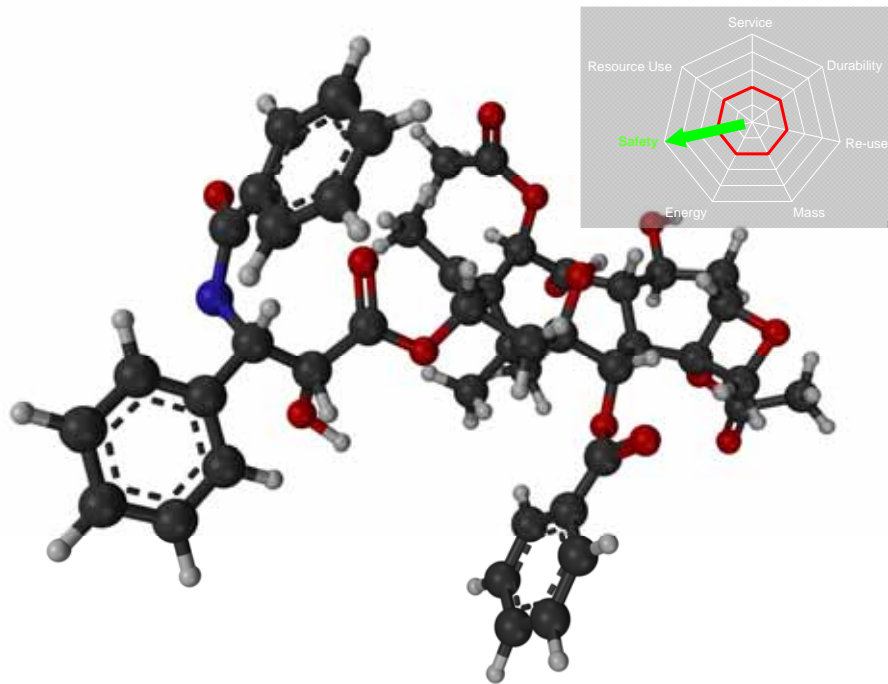
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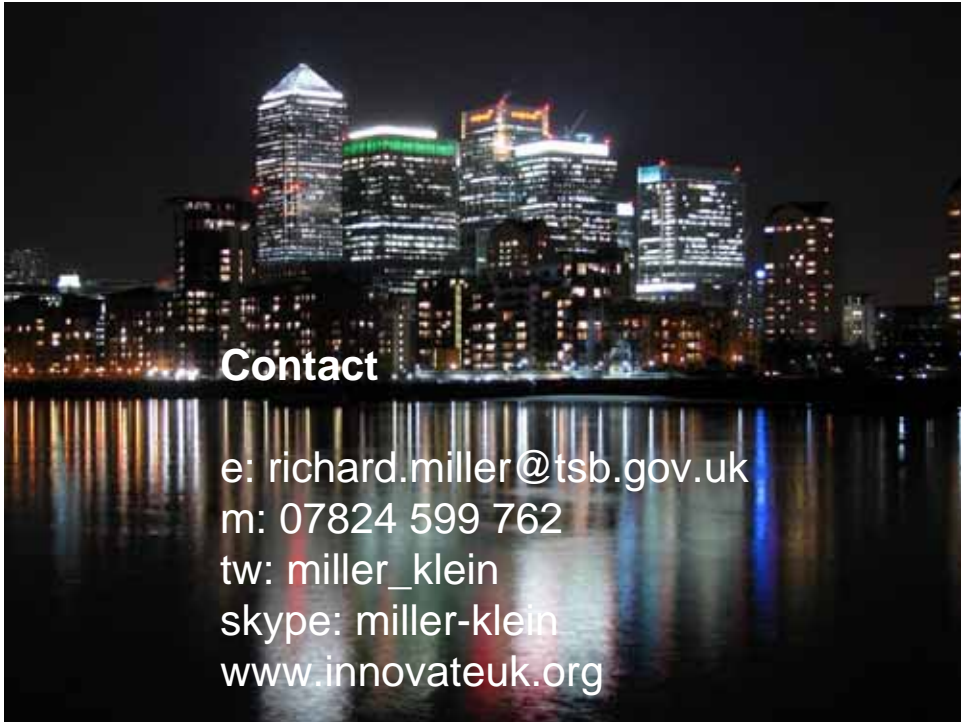
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Evaluate









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