

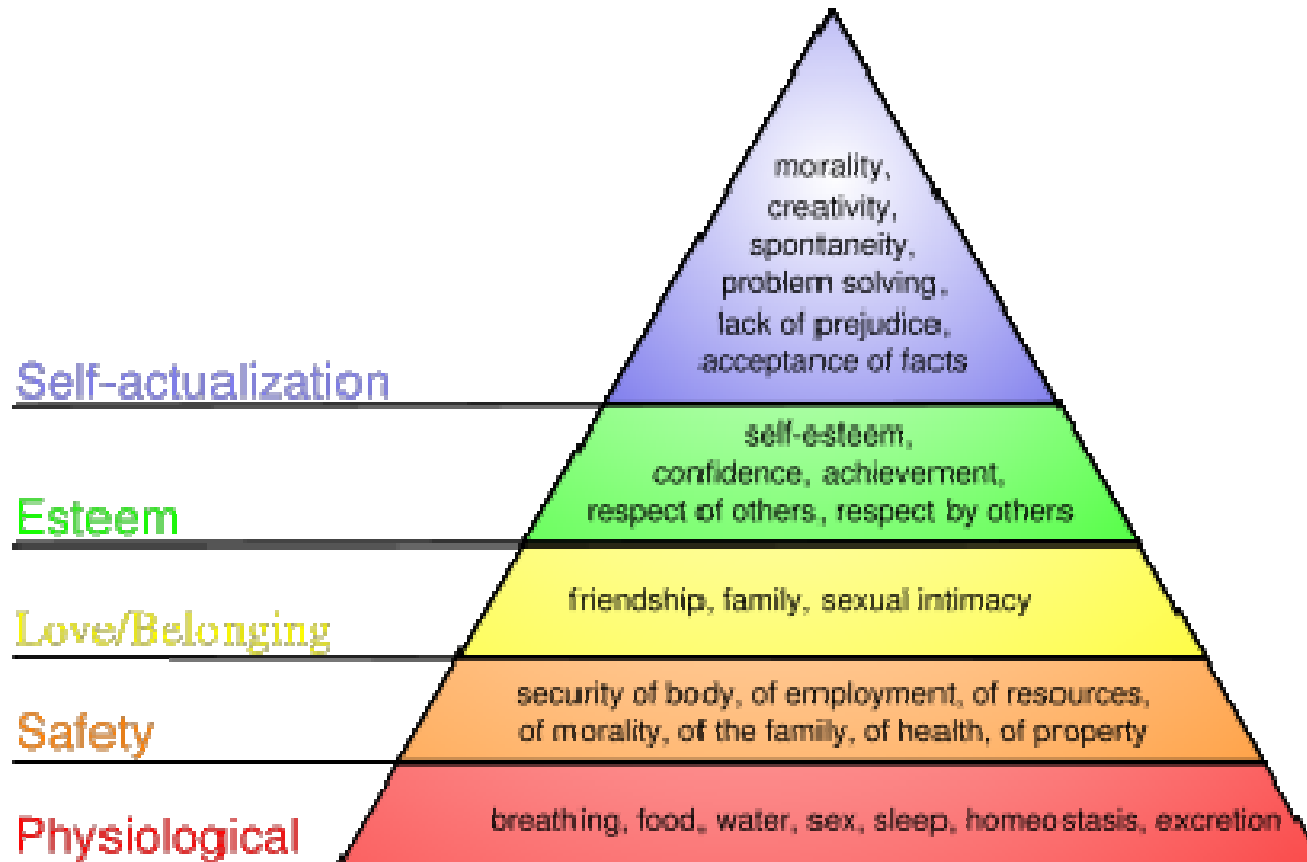
# The Role of Defence and ICT in Sustainable Development

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Sustainable Development Commission*



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# Maslow's Hierarchy of Needs



# The role of the MOD

- Delivery of UK policy and to ensure a strong, healthy and just world which lives within environment limits
- Both domestically and abroad
- A recent study<sup>1</sup> indicates that a one-size fits all approach to policy will not lead to equal global SD. And that resources such as foreign aid, rule of law and stable infrastructure can close the global gap between different levels of global SD.

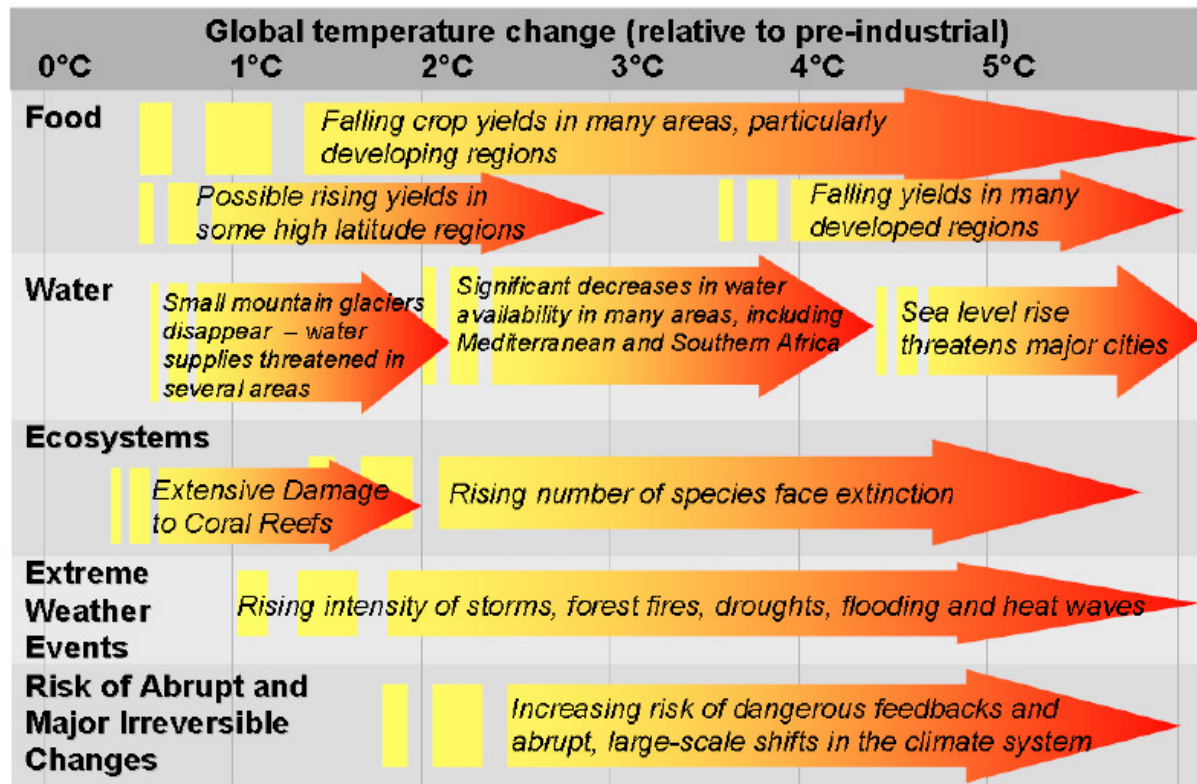
<sup>1</sup>Udo, V.E. & Jansson, P.M. (2009). Bridging the gaps for global sustainable development: A quantitative analysis. *Journal of Environmental Management*. 90(12): 3700-3707.



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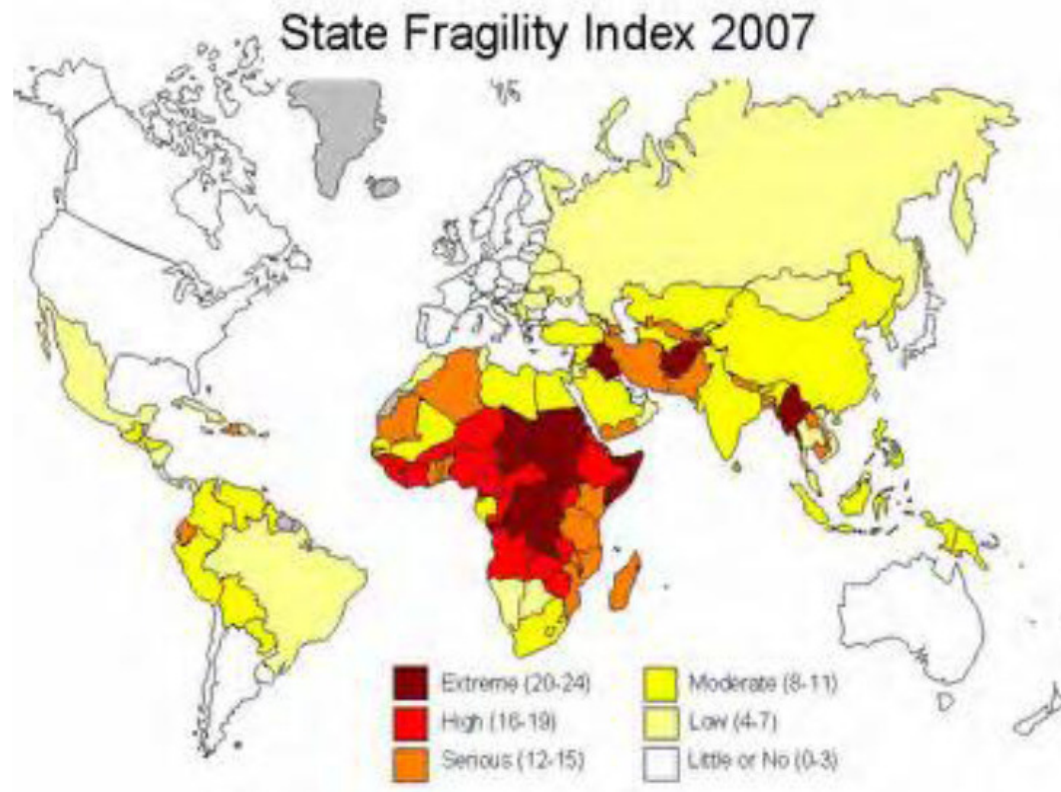
# Climate change impacts

## Projected impacts of climate change



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# e.g. climate change and conflict

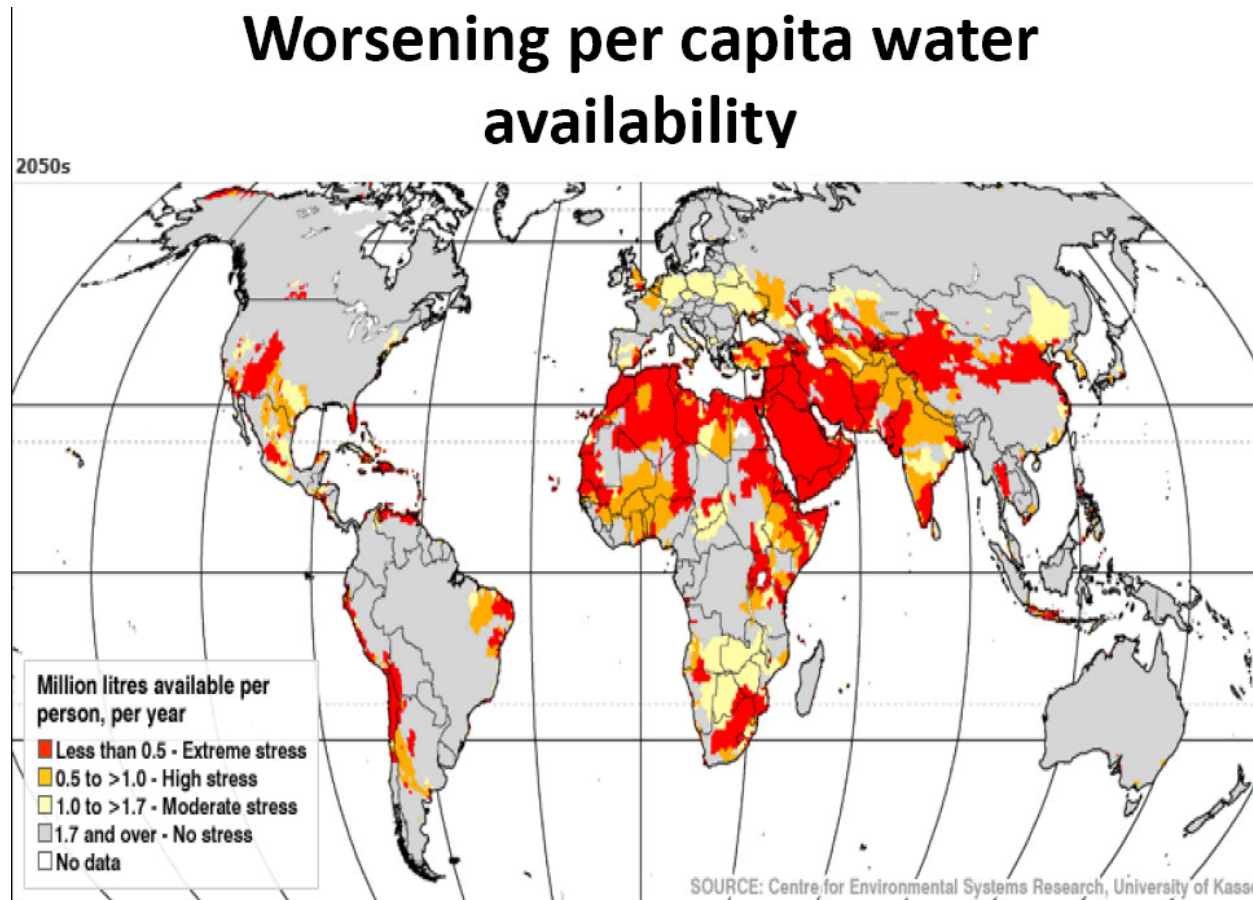


*Center for Sustainable Development*



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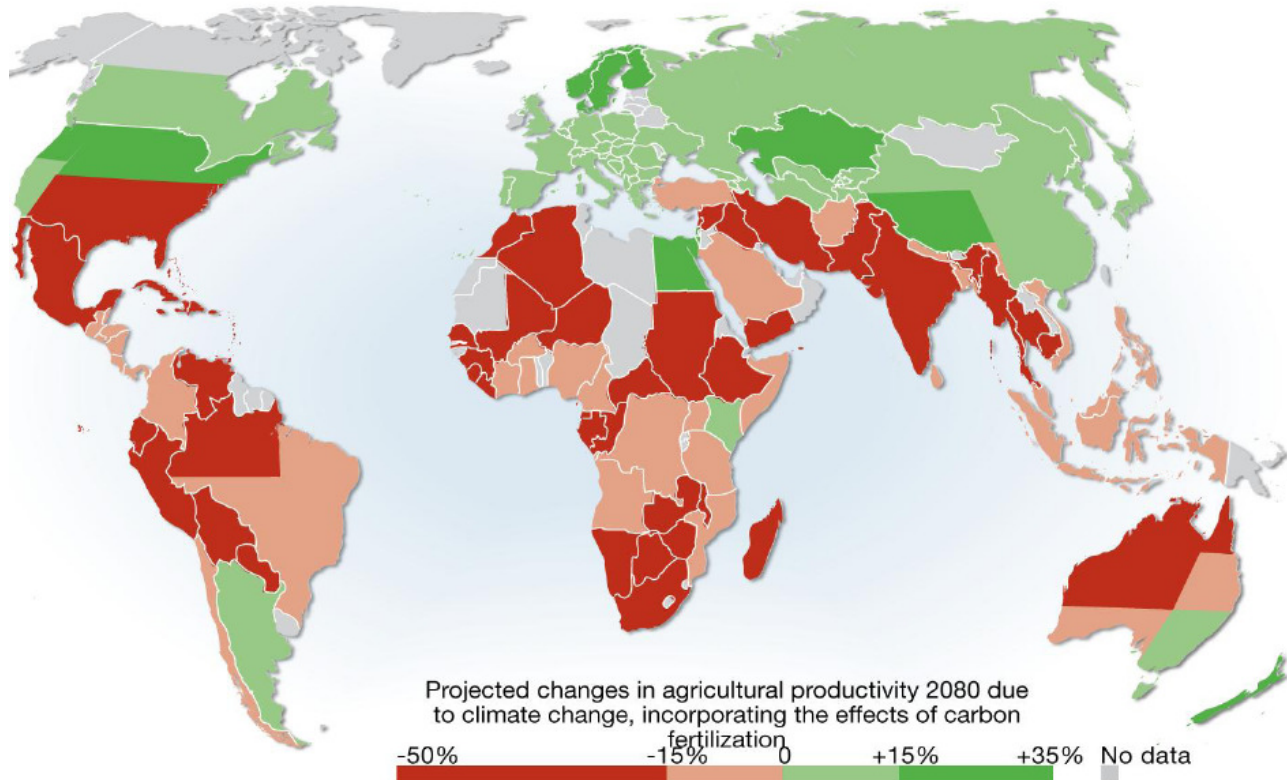
# e.g. climate change and conflict



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# e.g. climate change and conflict

Projected agriculture in 2080 due to climate change



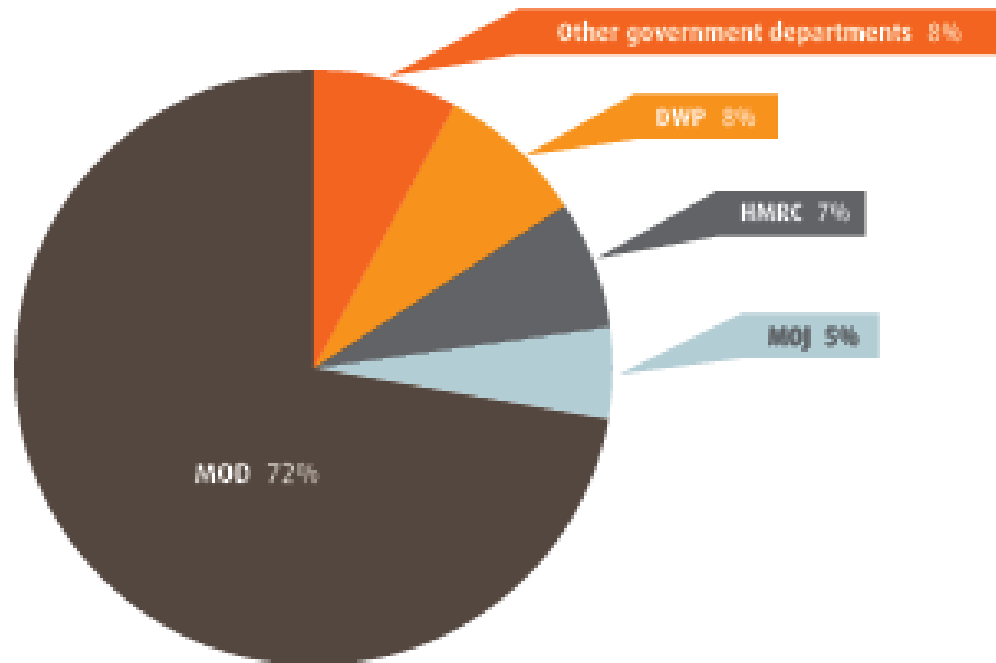
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# SDiG and the SOGE targets



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# Gov't carbon emissions

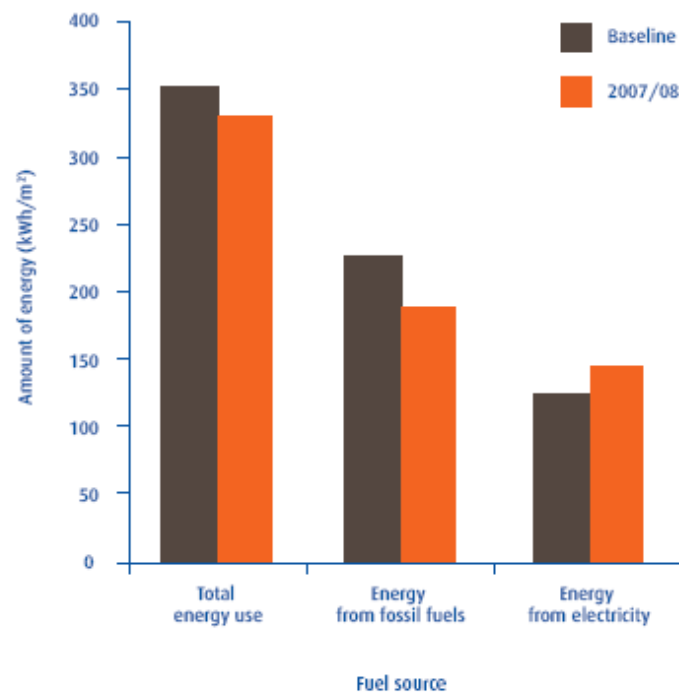


- 6.3% reduction in carbon emissions
- Government is still not on track to meet its carbon emissions from offices target
- The rate of reduction must be accelerated



# ICT and the SOGE targets

Figure 4 Comparison of energy sourced from fossil fuels and electricity between the baseline year and 2007/08 (kWh/m<sup>2</sup>)



- Electricity is on the rise; one driver is proliferation of ICT
- Government must address the root causes of both the energy consumption rise and its increasing waste, to encourage industry to improve ICT equipment life span, eco-design and energy consumption.
- ICT is both part of the problem and part of solution**



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