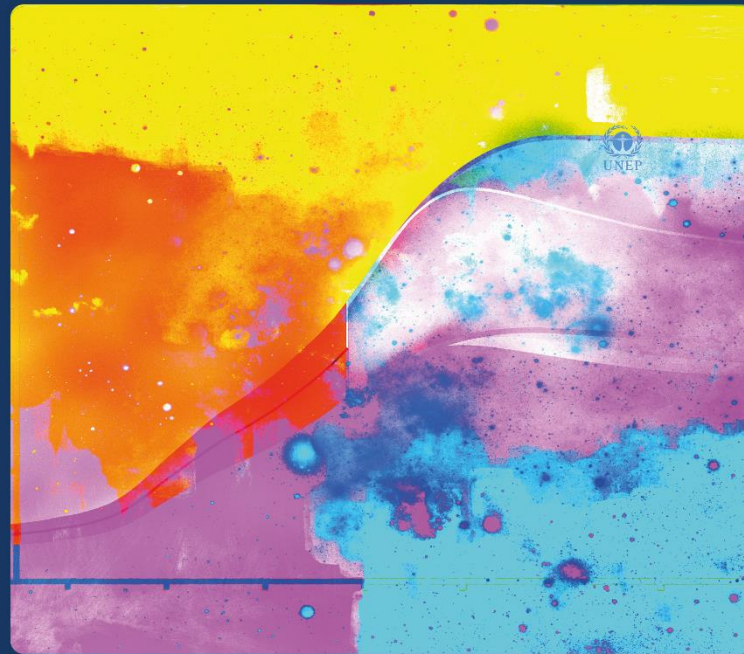


Global Warming of 1.5°C

An IPCC special report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty.

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Joyashree Roy
Coordinating Lead Author-Chapter 5
India Habitat Centre @New Delhi,
15 October, 2018



Strengthening the Global Response in the Context of Sustainable Development

Links to Sustainable Development Dimensions.

- Close links to United Nations Sustainable Development Goals (SDGs)
- Mix of measures to reduce emissions can have benefits for SDGs

Synergies and Trade offs

Stringent climate mitigation measures can generate positive impacts (synergies) and negative impacts (trade offs) with developmental actions.

Knowing those is important for making policy choices

Indicative linkages between mitigation options and sustainable development using SDGs (The linkages do not show costs and benefits)

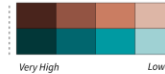
Mitigation options deployed in each sector can be associated with potential positive effects (synergies) or negative effects (trade-offs) with the Sustainable Development Goals (SDGs). The degree to which this potential is realized will depend on the selected portfolio of mitigation options, mitigation policy design, and local circumstances and context. Particularly in the energy-demand sector, the potential for synergies is larger than for trade-offs. The bars group individually assessed options by level of confidence and take into account the relative strength of the assessed mitigation-SDG connections.

Length shows strength of connection

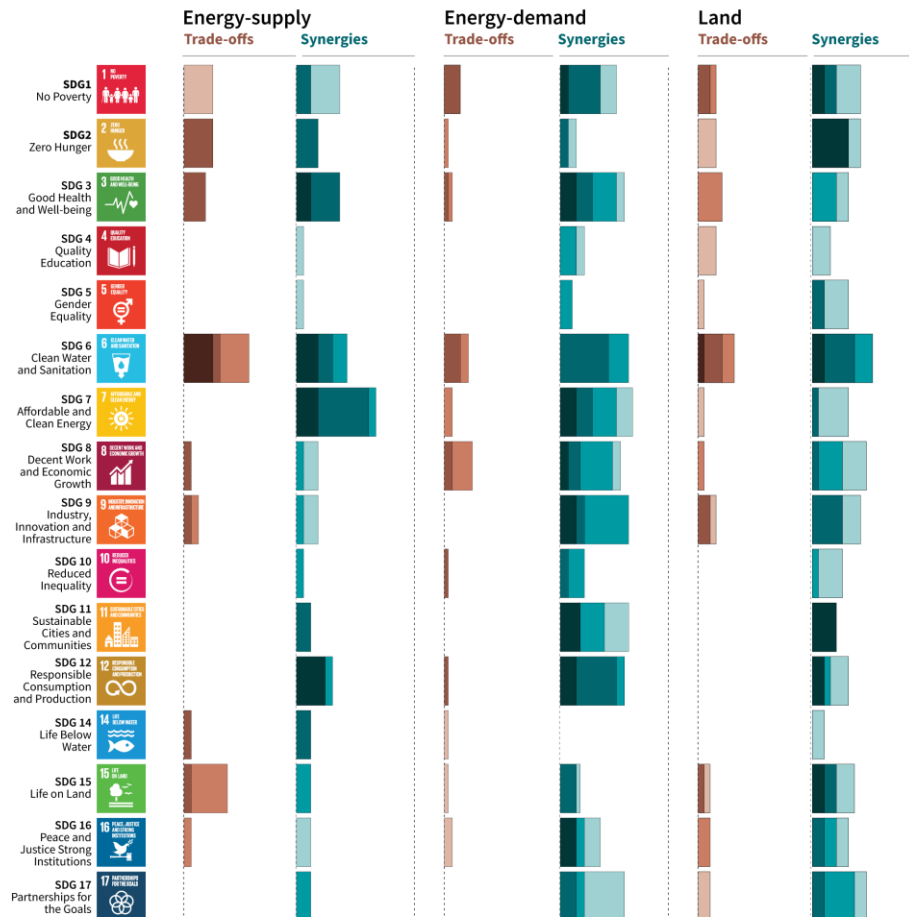


The overall size of the coloured bars depict the relative for synergies and trade-offs between the sectoral mitigation options and the SDGs.

Shades show level of confidence

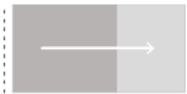


The shades depict the level of confidence of the assessed potential for Trade-offs/Synergies.



SPM4 | Indicative linkages between mitigation and sustainable development using SDGs (the linkages do not show costs and benefit)

Length shows strength of connection



The overall size of the coloured bars depict the relative for synergies and trade-offs between the sectoral mitigation options and the SDGs.

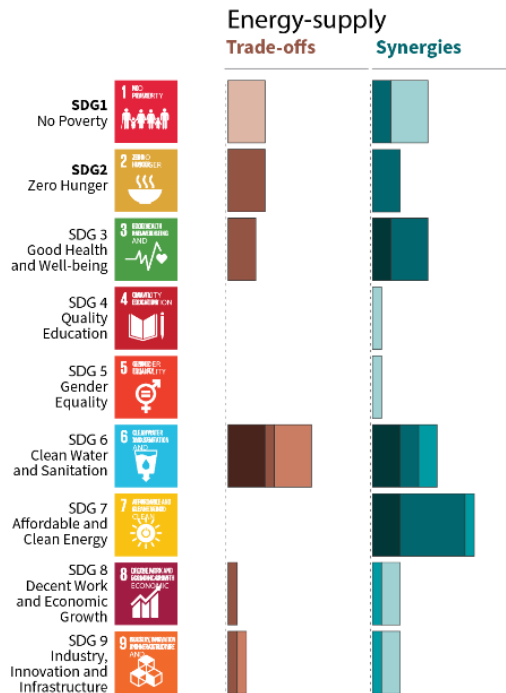
Shades show level of confidence



The shades depict the level of confidence of the assessed potential for **Trade-offs/Synergies**.

Very High

Low



SPM4 | Indicative linkages between mitigation and sustainable development using SDGs (the linkages do not show costs and benefit)

Length shows strength of connection

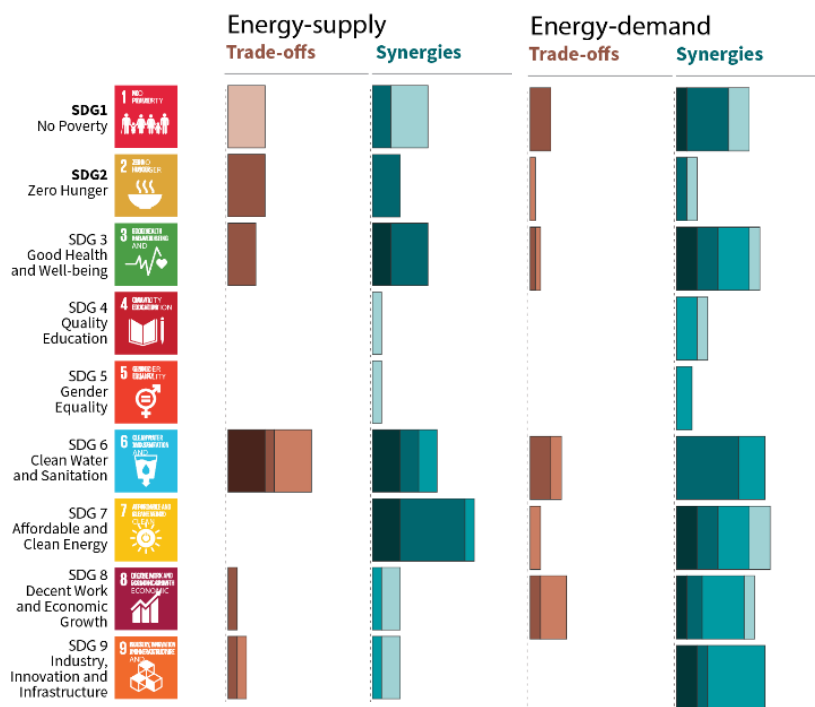


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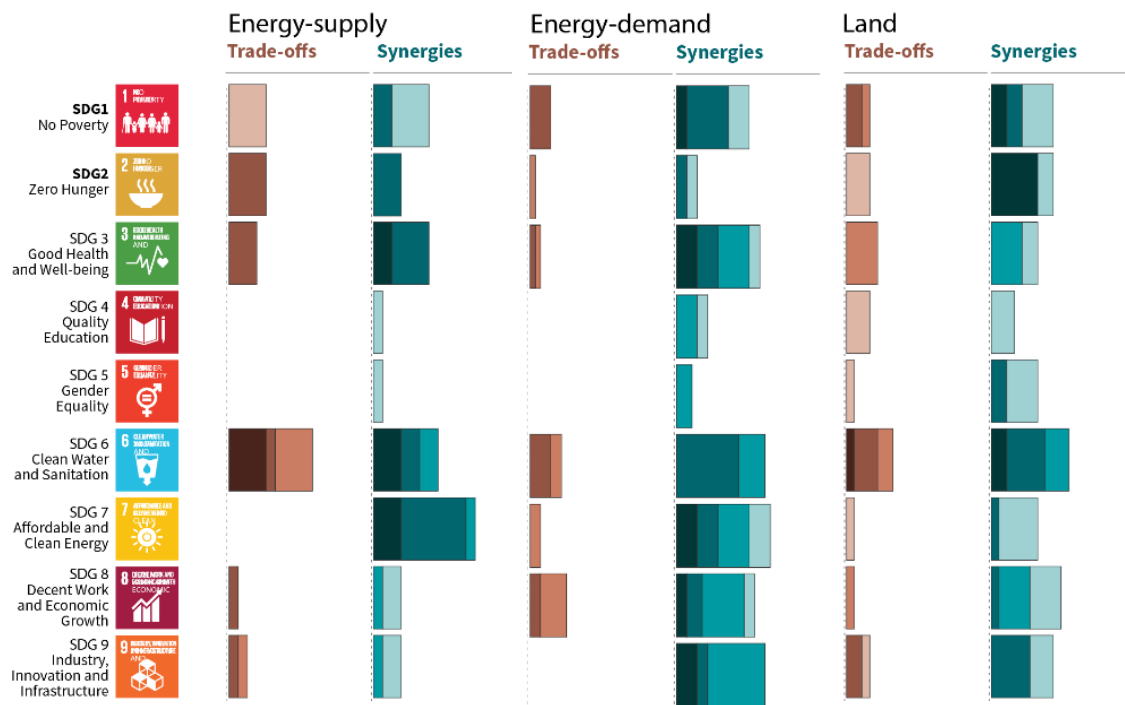
Shades show level of confidence



The shades depict the level of confidence of the assessed potential for **Trade-offs/Synergies**.

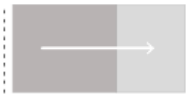
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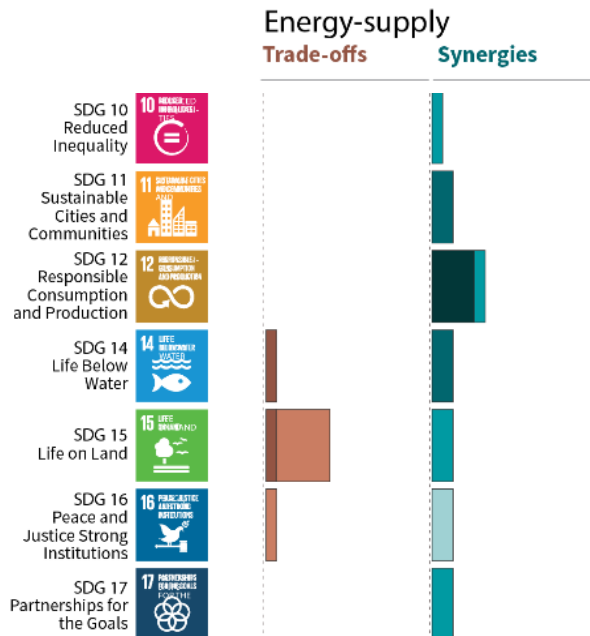
Shades show level of confidence



Very High

Low

The shades depict the level of confidence of the assessed potential for **Trade-offs/Synergies**.



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Length shows strength of connection

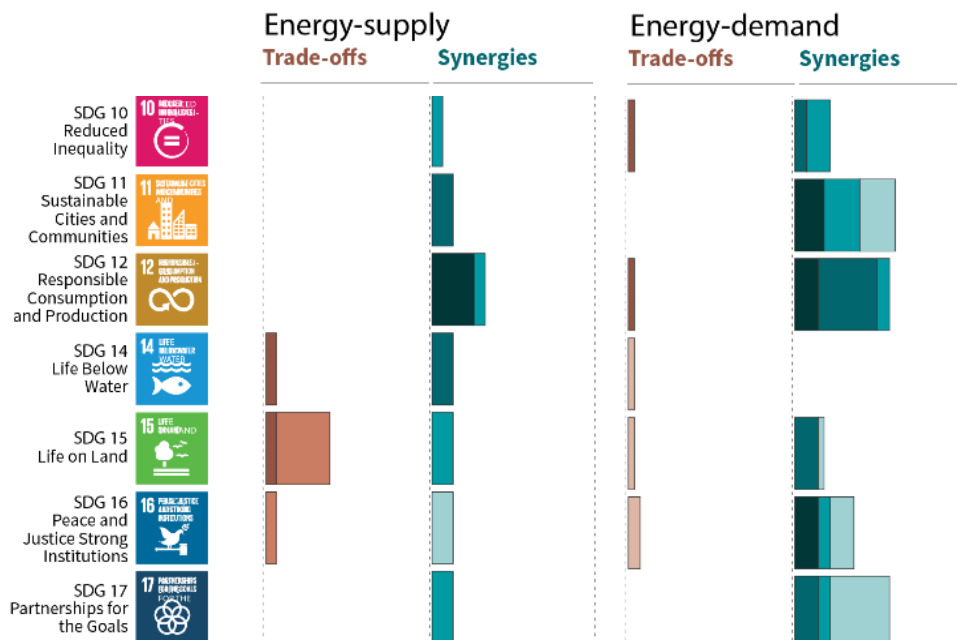


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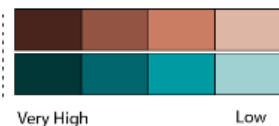
SPM4 | Indicative linkages between mitigation and sustainable development using SDGs (the linkages do not show costs and benefit)

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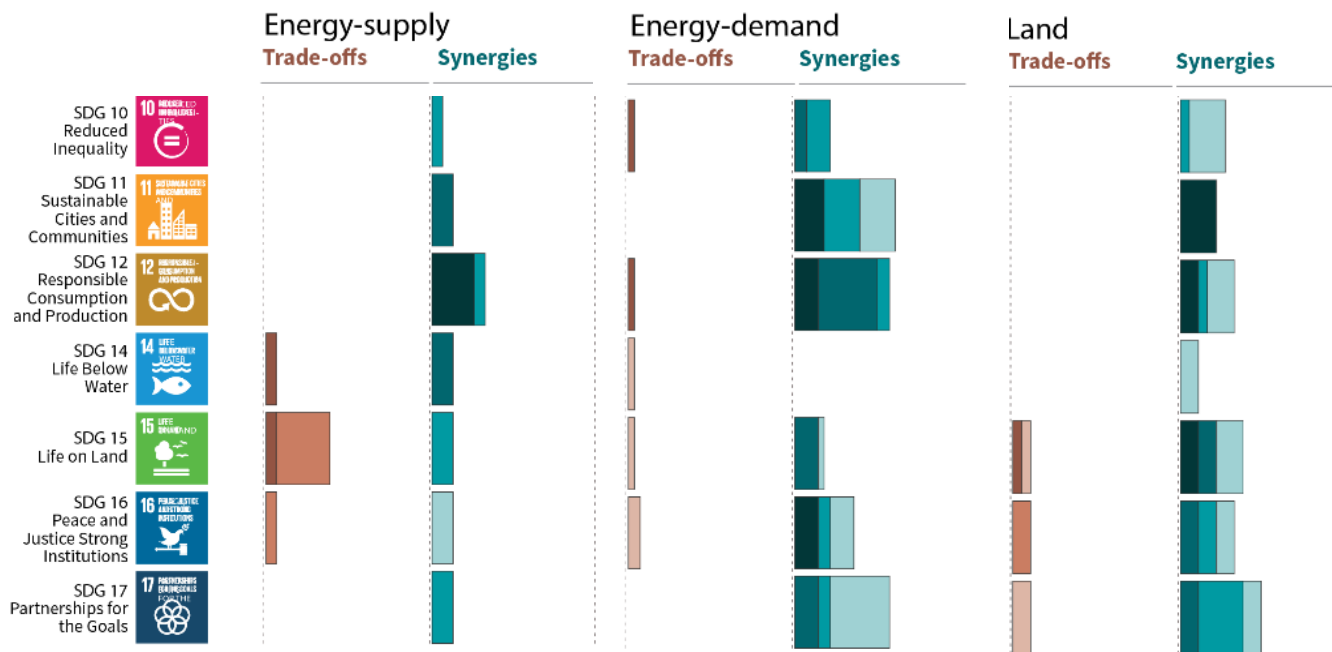


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Shades show level of confidence



The shades depict the level of confidence of the assessed potential for Trade-offs/Synergies.



Synergies and Trade offs

For energy demand sectors most of the measures facilitate achievement of goals

But model pathways that rely more on land based measures like bioenergy, afforestation if poorly managed can compete with food security

Redistributive policies across sectors and populations can resolve trade offs