

A BETTER LIFE WITH A HEALTHY PLANET PATHWAYS TO NET-ZERO EMISSIONS

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WARNING: uncertainties ahead

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A plausible energy mix in an emerging net-zero emissions world



Assumes 50% electrification of end use.



With Carbon Capture and Storage

Fossil

Source: Shell analysis

Extending lower-carbon electrification across the economy whenever and wherever possible





Source: Shell analysis, World Energy Model

These are good projects . . .



But this is what we need





500,000-1,000,000 10 MW Wind Turbines

Governments implementing carbon pricing and a global carbon market are key to the transition



Global trade lowers costs and extends the reach of carbon pricing, which accelerates the transition

".... all would benefit from a shift to a common-price regime..."

Expectations for a New Climate Agreement Henry D. Jacoby and Y.-H. Henry Chen Report No. 264 August 2014



A scenario based timeline to net-zero emissions



OCEANS Influence stretches far and wide in the world of Oceans. Power is devolved, competing interests are accommodated and compromise is king.

