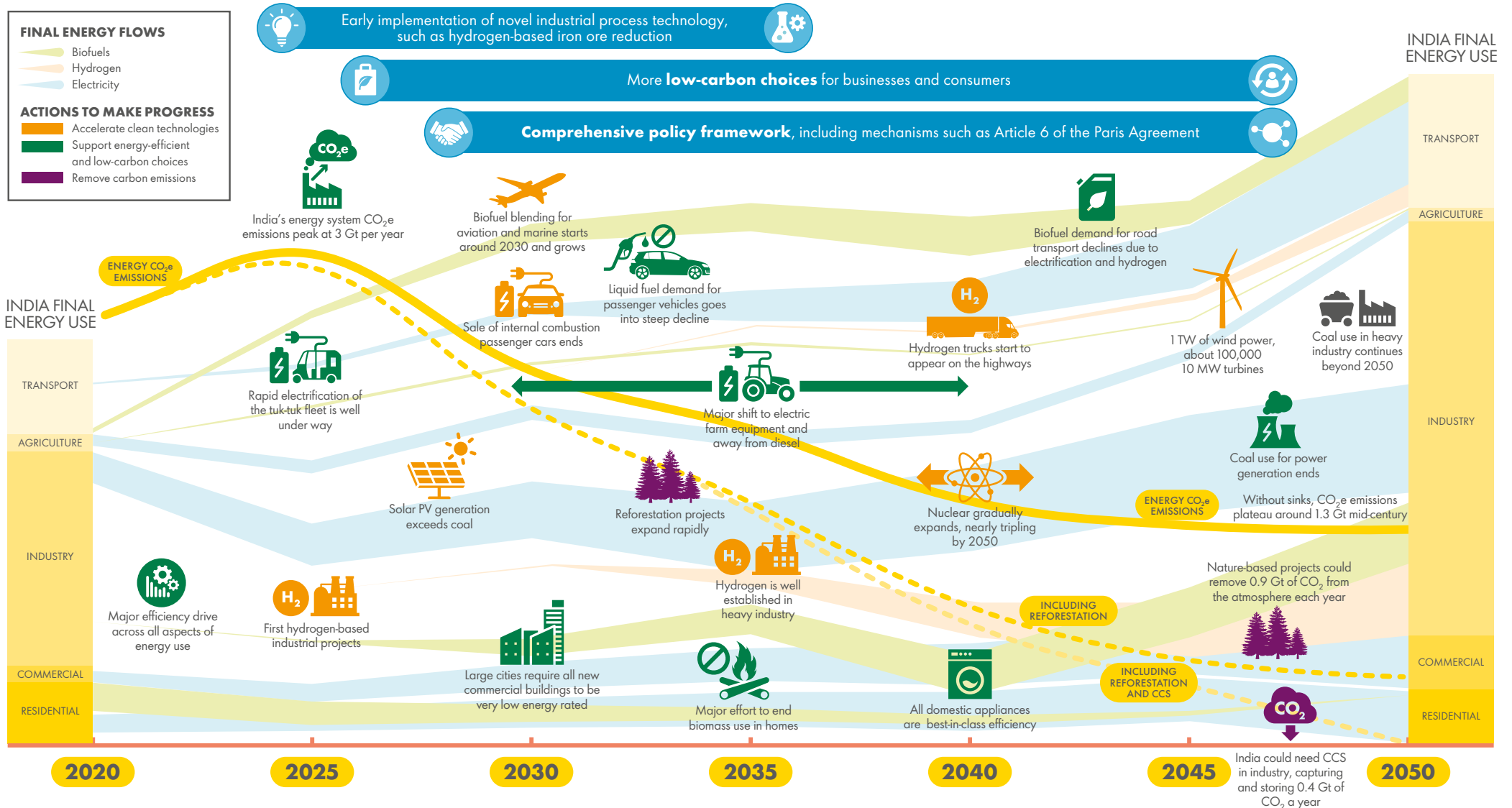


# INDIA: Transforming to a net-zero emissions energy system



The Energy and Resources Institute



In the India scenario sketch carbon dioxide equivalent (CO<sub>2</sub>e) includes carbon dioxide, methane and nitrogen oxides (NO<sub>x</sub>) emissions from the energy system.

In developing this scenario sketch, TERI and Shell have assumed that the energy system in India reaches net-zero emissions by 2050. We then worked back in designing how this could occur. Although ambitious, we believe today it is still a technically possible, but highly challenging pathway that supports a developing Indian economy. However, we believe the window for success is quickly closing and without significant action it may take longer for India to achieve a net-zero energy system. This scenario sketch is not intended to be projections or forecasts of the future. Shell scenarios, including scenarios in this document, are not Shell's strategy or business plan. Ultimately, whether society meets its goals to decarbonize, is not within Shell's control. While we intend to travel this journey in step with society, only governments can create the framework for success.

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