



Implications of Net-Zero for India's Power Sector

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Fellow

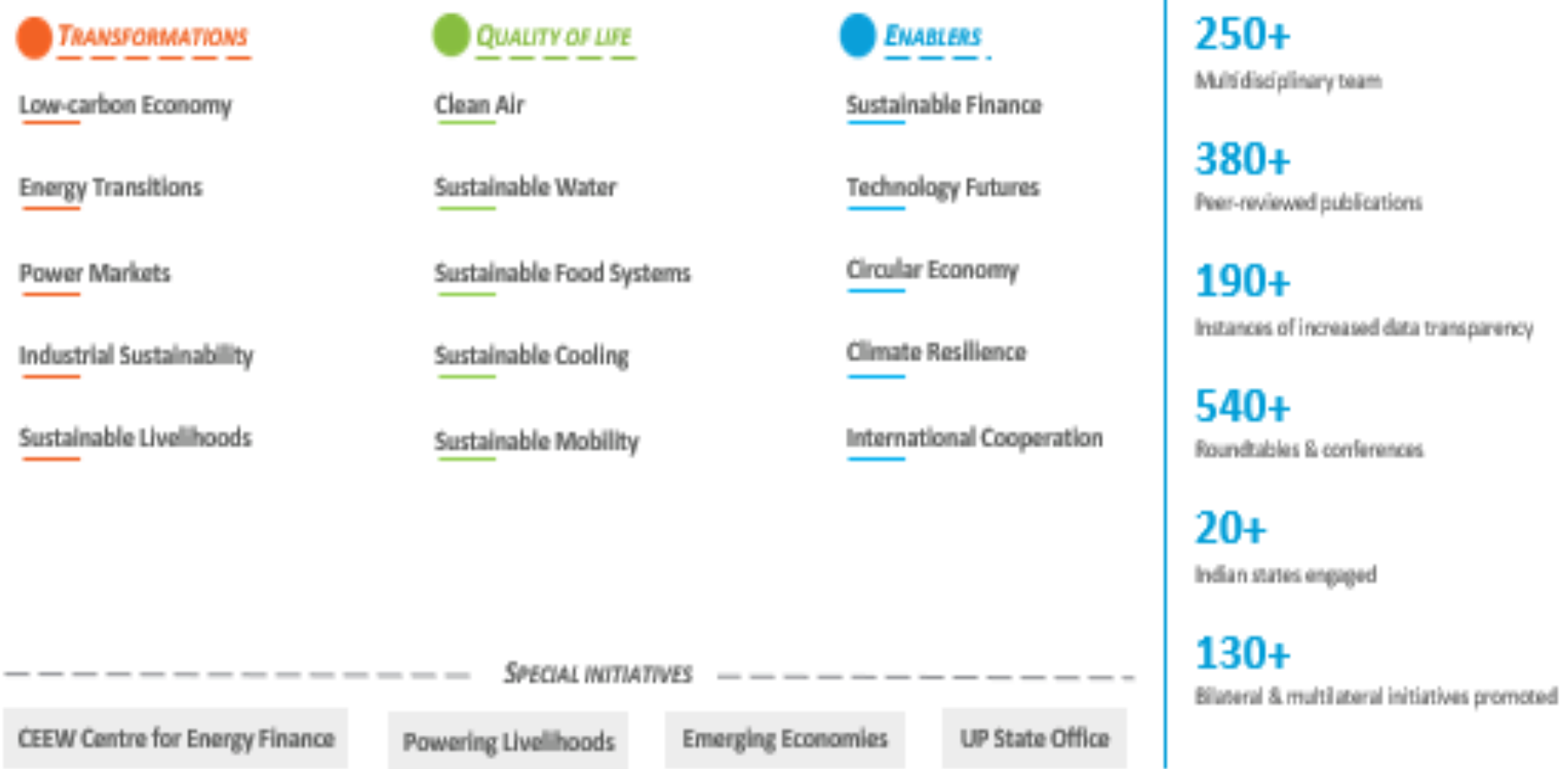
Council on Energy, Environment and Water

India

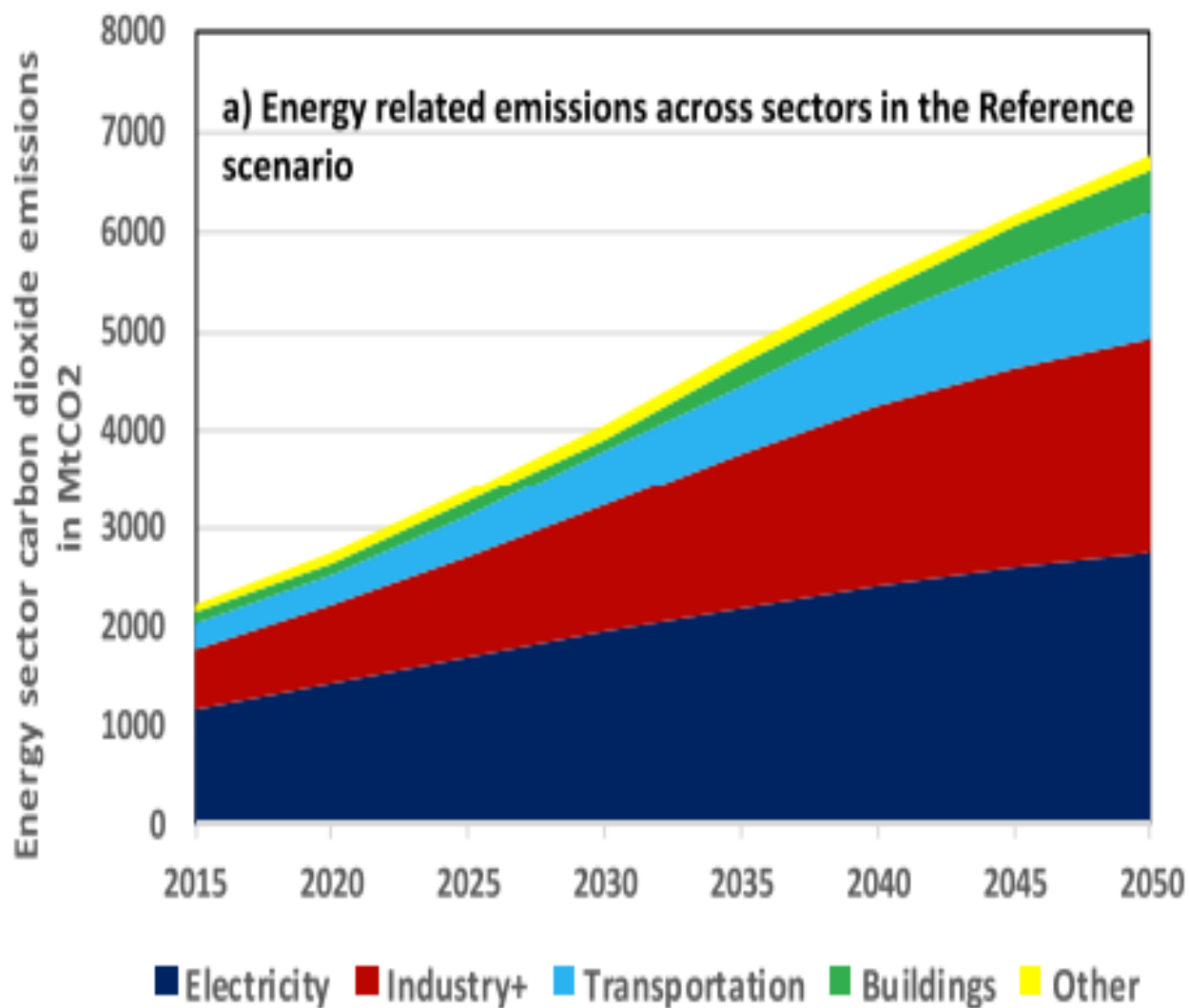
World Bioenergy Association

23 May 2024

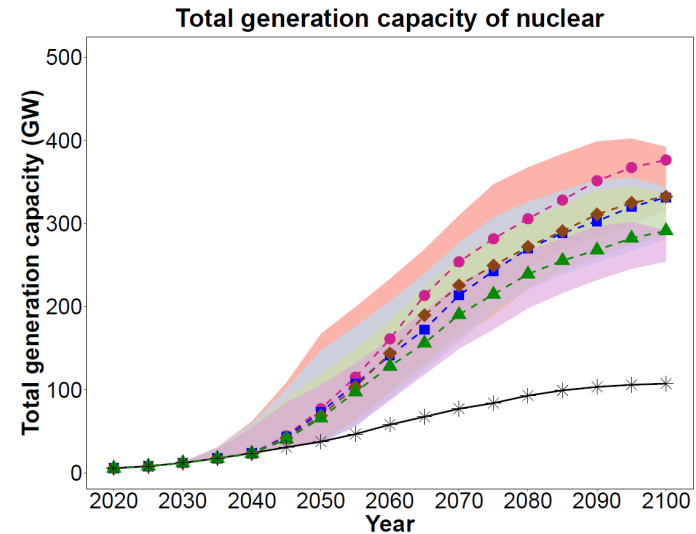
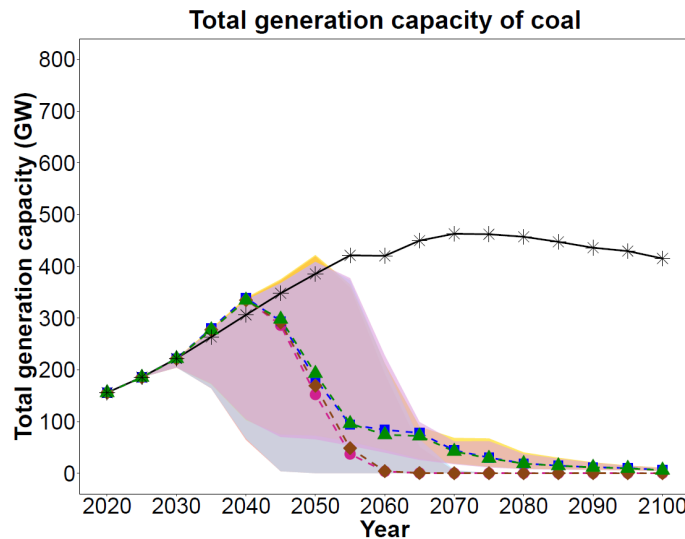
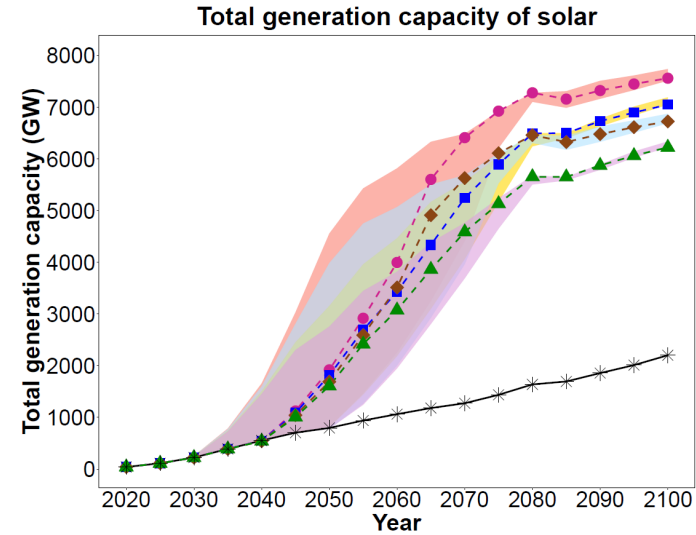
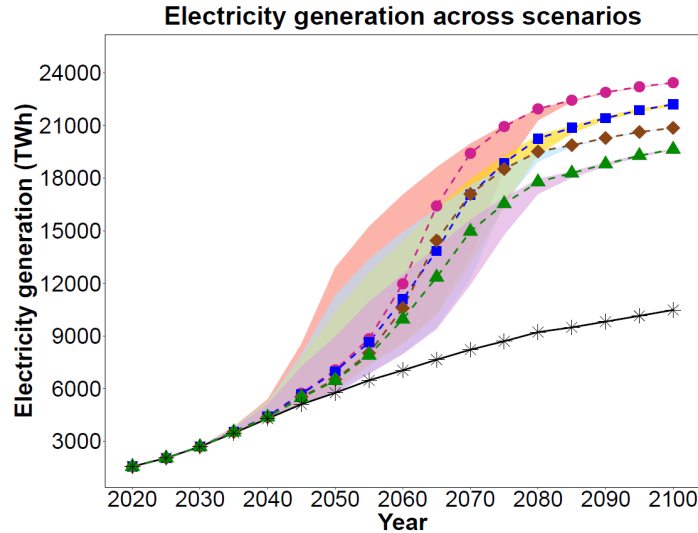
Impacting sustainable development at scale with data, integrated analysis, and strategic outreach



India's emissions trajectory



Transitions in the electricity sector are going to be massive



■ Low Hydrogen w/o CCS
■ Low Hydrogen w/ CCS
■ High Hydrogen w/o CCS
■ High Hydrogen w/ CCS

*** Reference
● 2070 NZ Low Hydrogen w/o CCS
■ 2070 NZ Low Hydrogen w/ CCS
◆ 2070 NZ High Hydrogen w/o CCS
▲ 2070 NZ High Hydrogen w/ CCS

Economic trade offs, sooner or later

- Power pricing reforms
- New economic paradigm for coal dependent states

Thank you

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