



Financing Clean Energy Investment in India

Trends, opportunities, needs, and challenges

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CEEW – Among South Asia’s leading policy research institutions



Energy Access



Renewables



Power Sector



Industrial Sustainability & Competitiveness



Low-Carbon Pathways



Risks & Adaptation



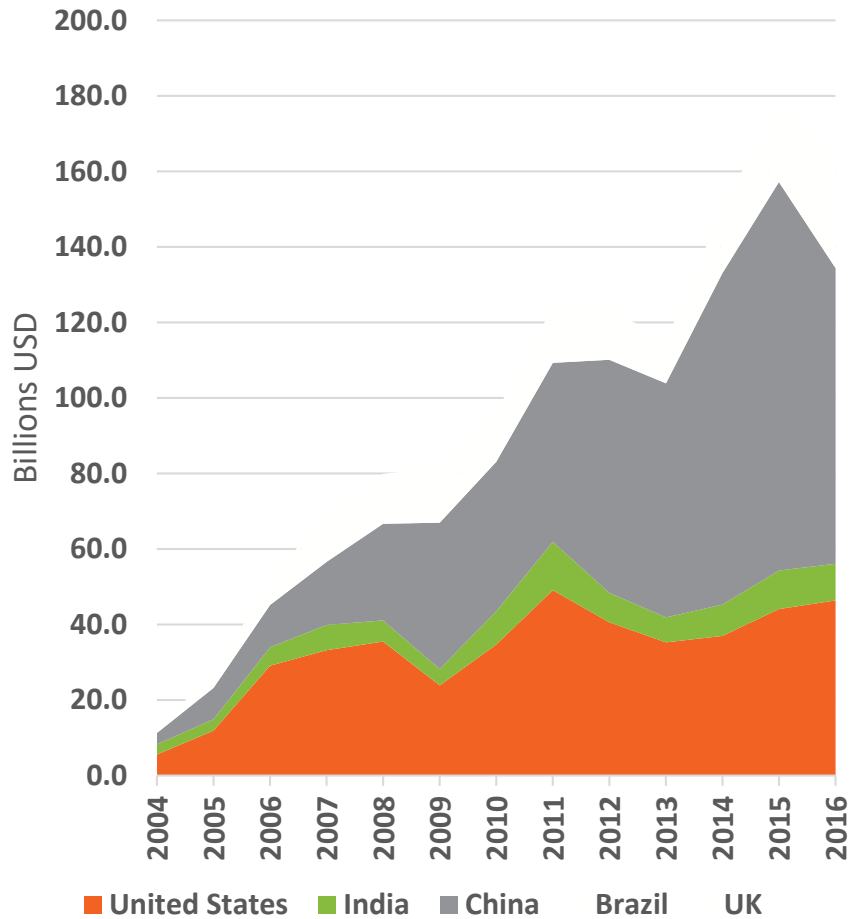
Technology, Finance, & Trade

National development priorities

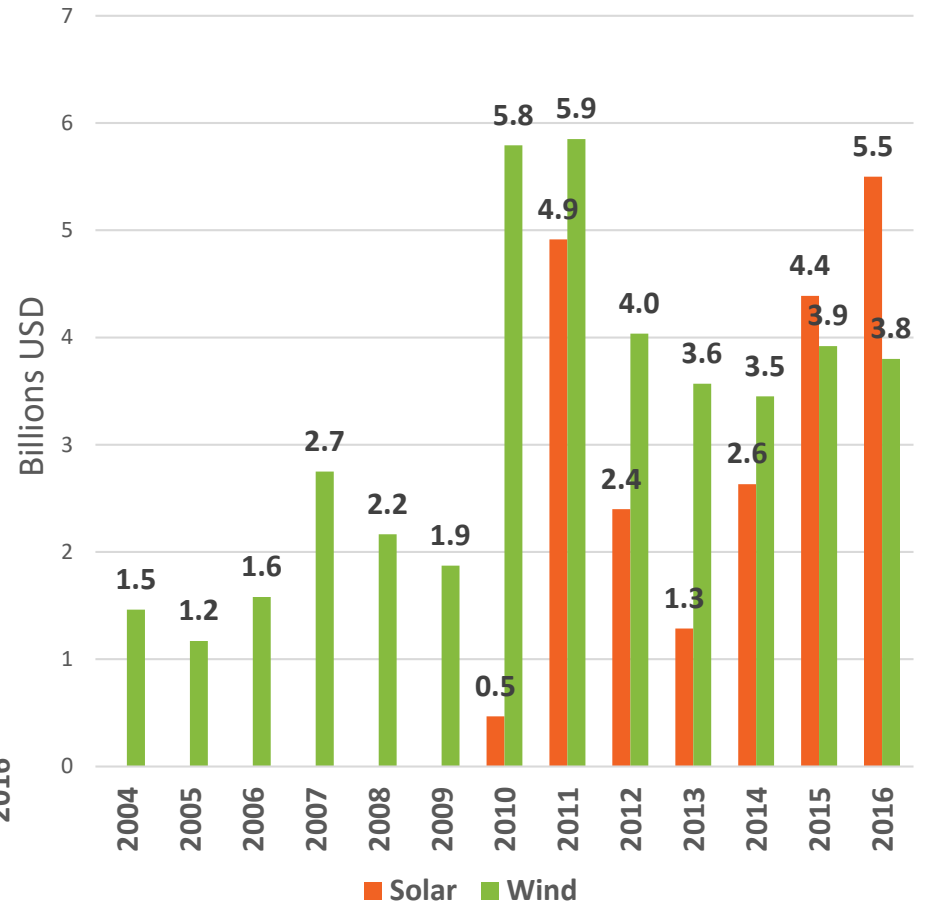
- **21st century Infrastructure**
- **Indigenous manufacturing**
- **Jobs**
- **Equitable and inclusive development**
- **Climate adaptation and mitigation**

Money does not flow where the sun shines and the wind blows

Investments in Renewables by Country

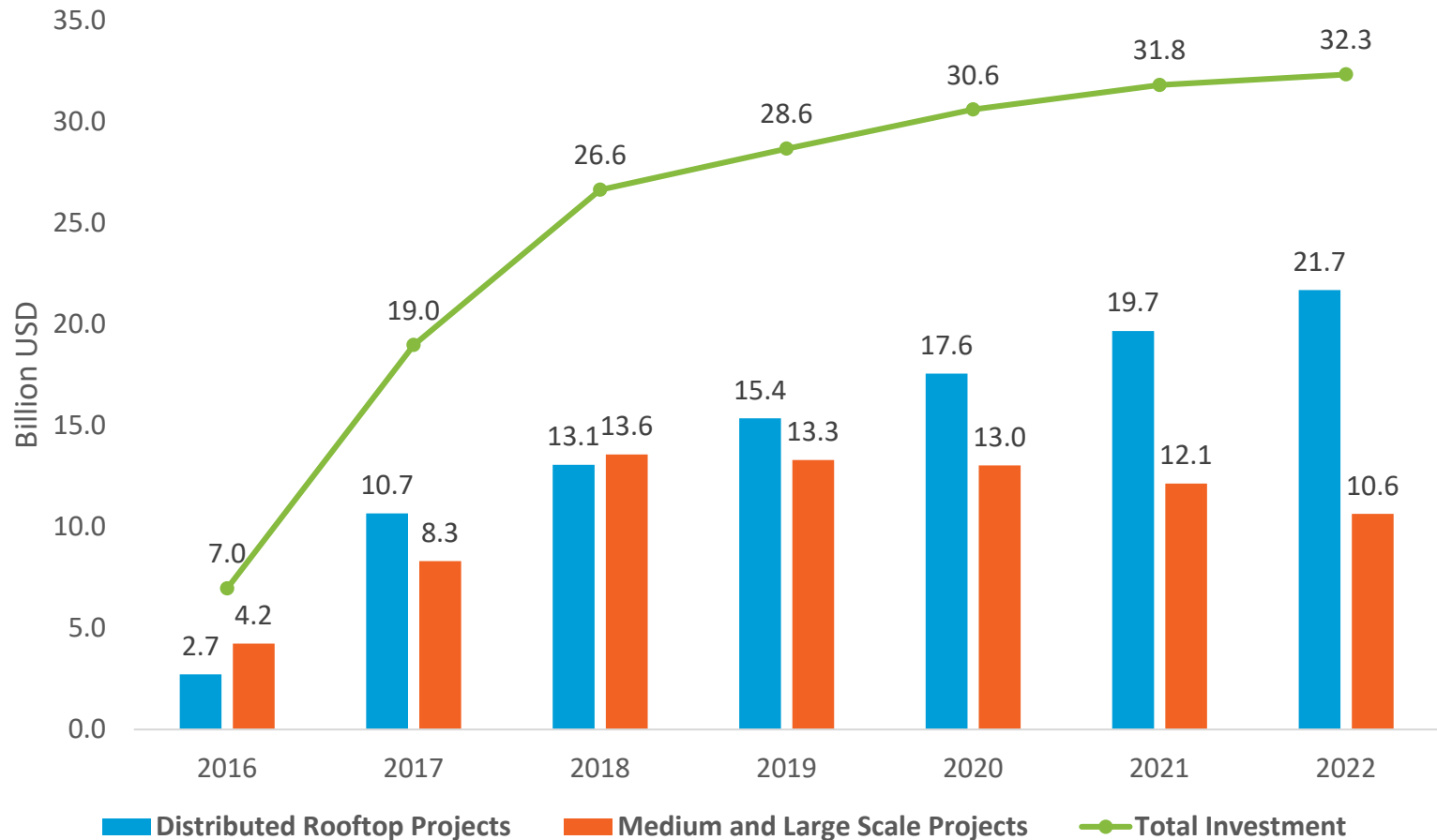


Annual Invest in Solar and Wind Sector - India

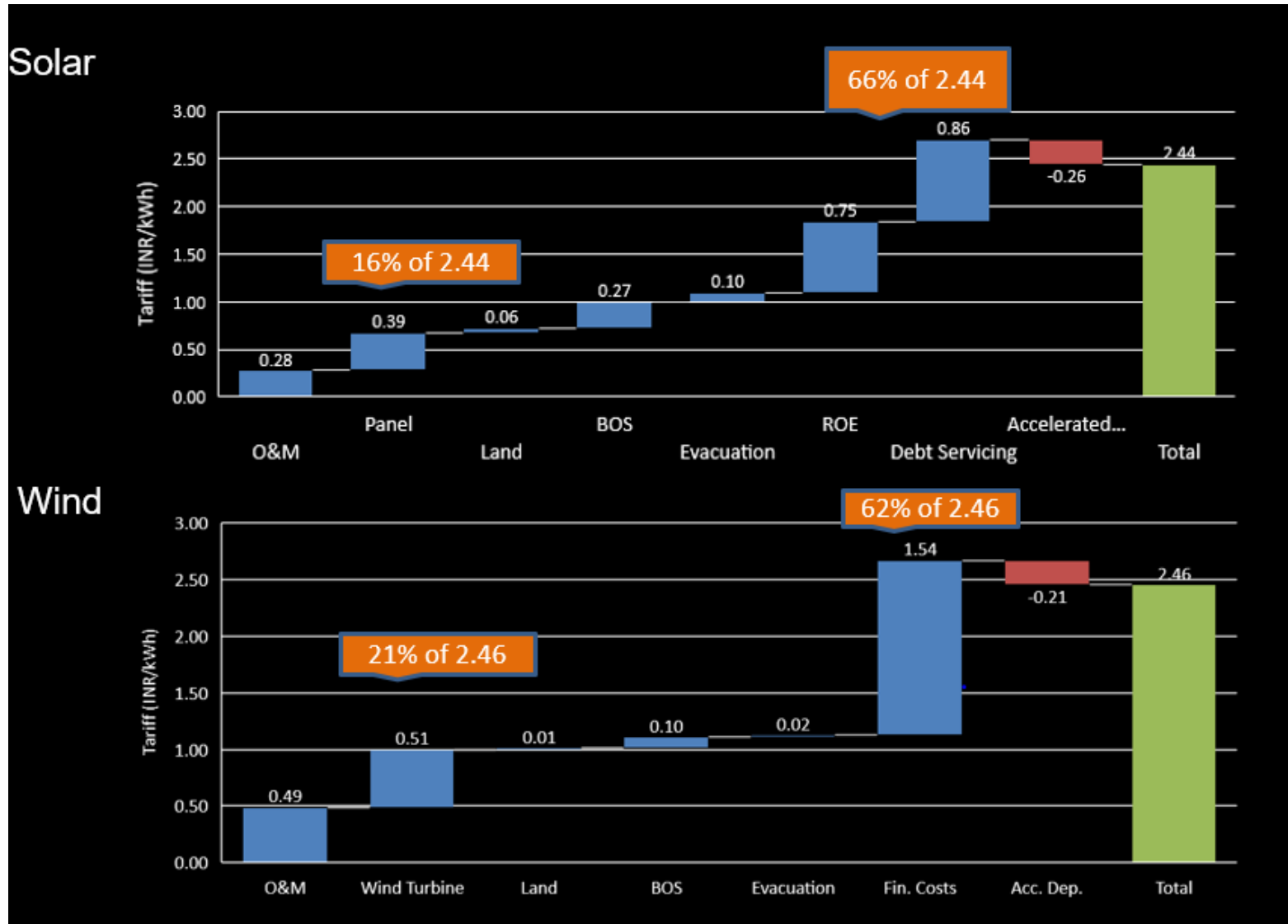


RE investment gap continues to grow. How will we get there?

Annual investment needed in India's solar sector



Cost of finance is the (unrecognised) game in town



What can we do to facilitate investments at scale?

- Public financial institutions need to move away from simple project finance
- Underwrite risks with innovative financial instruments to attract new investors
- Common Risk Mitigation Mechanism
 - Mitigates offtaker risk, FOREX risk, and political risks for ISA member countries
 - Create a global marketplace for financiers, developers, and insurers/reinsurers
 - In the pilot phase aims to install 15 GW in 20 member countries with USD 1 billion of capitalisation
- Partial Offtake Guarantee
 - Addressing the risk posed by curtailment of RE power by system operators
 - Combining big data, actuarial science, and power systems expertise
 - Needs political buy-in from the state transmission companies

Thank you

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