



Promoting Investment in Renewable Energy

6 May 2015, Seoul, South Korea



India = Democracy + Demand + Demographics

3rd

Largest economy in PPP terms (behind US and China)

7.5%

forecast for annual growth rate

\$1.8 tn

GDP in 2014 (21 times increase since 1947)

1.3 bn

Population in 2014. (360 mn in 1947; 1.65 bn by 2050)

29

States in India (12 in 1950)

USD28.8 bn

FDI in 2014

USD340 bn

Foreign reserves (US\$2 bn in 1947)

2nd

Highest English speaking population (~230 mn)

2nd

Largest pool of scientists & engineers

47%

Dependency ratio by 2050 (China 63%)

650 mn

India's labor force by 2030, fastest growth in the world.

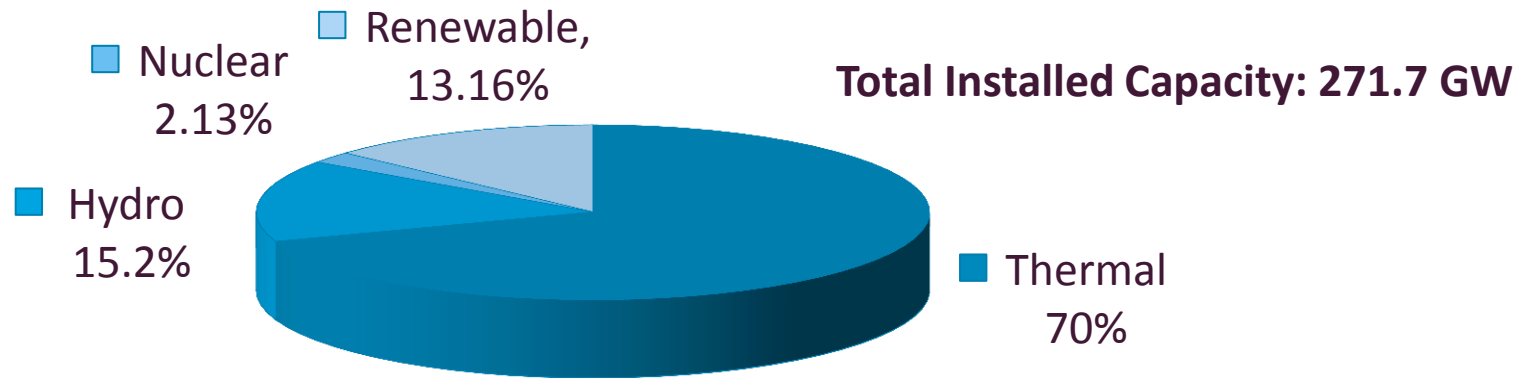
270 mn

Household in middle class by 2025 (53 mn in 2015)

Sources: World Bank; IMF; United Nations; McKinsey & Co.; NCAER; Department of Industrial Policy & Promotion, press search; Invest India analysis

India Power Sector

4th largest consumer of electricity; consumption to double by 2030



Demand- Supply gap of 8–12%

65% electricity from fossil fuels; **Strained natural resources** validate the need for sustainable energy security

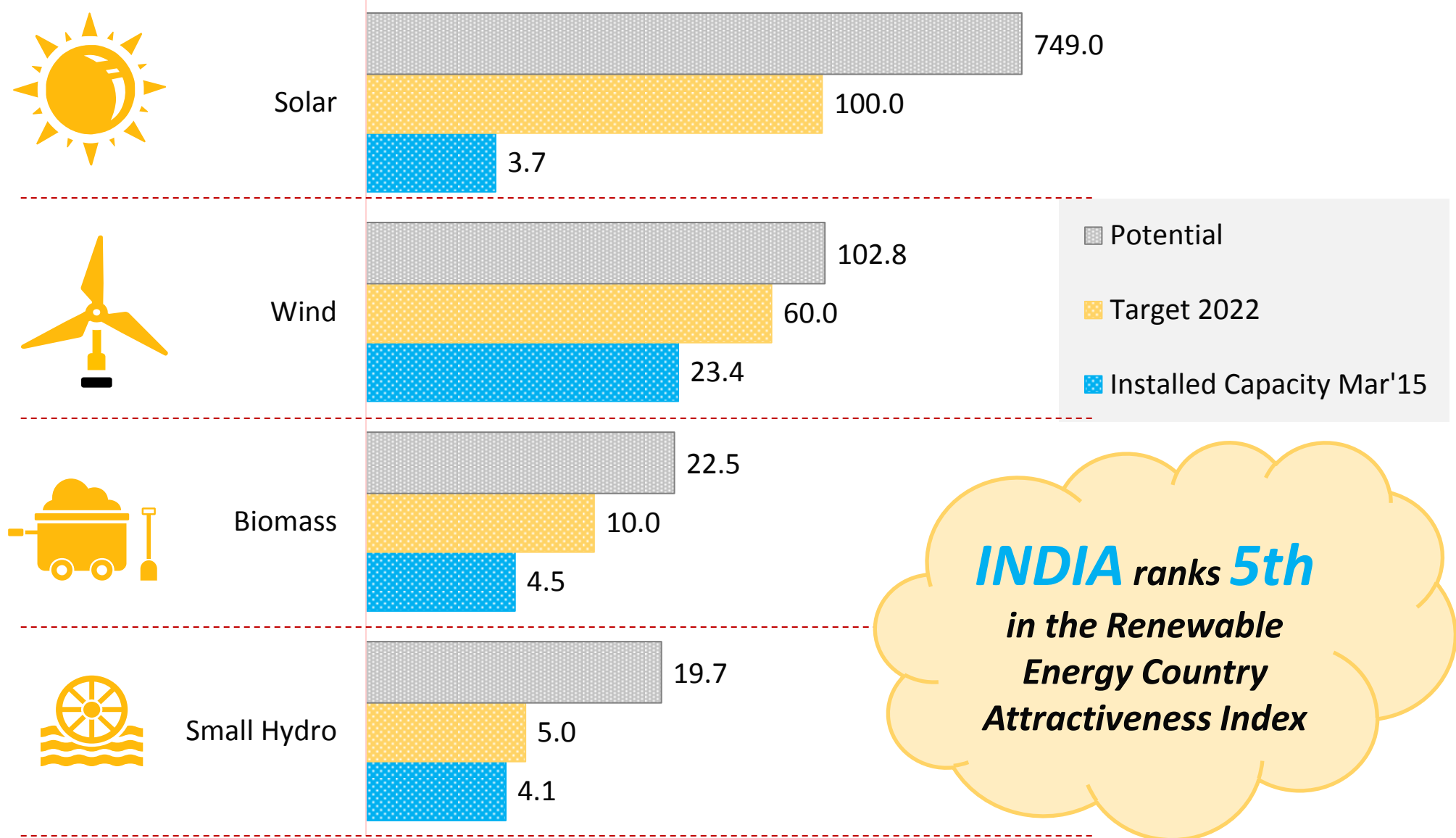
India endowed with **vast renewable energy resources**- wind, solar, biomass and hydro

Nodal Ministry- **Ministry of New & Renewable Energy**

Sources: MNRE; Invest India analysis

Renewable Energy Present, Target '22 & Potential

Indian RE Sector in Figures (GW)



Sources: MNRE; RE-Invest 2015 Investor Guide; Invest India analysis

Renewable Energy — FDI & Financing

3rd Highest Investments

- Solar
Water
Heating

100% FDI
AUTOMATIC
ROUTE

USD2.5 billion FDI
inflows
2000-2013

3rd Highest Investments-
CSP and
Wind Power



Record small-scale FDI project of
USD 0.4
billion

To achieve
targets **FDI**
is crucial

Development
Bank- **IREDA-**
key financing
resource

Require USD100 billion in 5
years for
Solar alone

Sources: MNRE; RE-Invest 2015 Investor Guide; Invest India analysis

Invest India Service Spectrum

Pre-investment Services



- FDI clarification
- Legal system, taxation, regulatory landscape, etc.
- Location assessment inputs
- Industry opportunity assessment
- Incentives and subsidies

Execution Support



- JV and strategic partner search
- Land/site procurement and site visits
- Industrial licenses and compliances
- Corporate introductions
- Entry routes to India/FDI procedures

Aftercare Services



- Advocating policy changes
- Handling grievance with public entities
- Tackling delays in getting licenses, company incorp.
- Advisory services for expansion of business operations

Make in India Campaign — Four Transformative Pillars



New Sectors — Liberalized FDI Policy

- Opening of Rail infrastructure sector
- FDI cap raised in Defence and insurance
- Simpler norms of FDI in Construction

New Processes

- Ease of Doing Business
- De-licensing & Deregulation

New Infrastructure

- Industrial Corridors
- Industrial Clusters
- Smart Cities

New Mindset

- Dedicated team for assistance and handholding
- Focused targeting of companies across sectors

Make in India vision:

- ✓ ***Facilitate Investment***
- ✓ ***Foster Innovation***
- ✓ ***Protect IP***
- ✓ ***Build Infrastructure***

Calling All Investors: RE-INVEST 2015 (15th – 17th Feb)



Attended by
over 200
investors and
over 2000
delegates

RE among 25
priority sectors
of **'Make in
India'**



Manufacturing
capabilities,
technologies,
finance and
investment
opportunities

CEO's
Roundtable for
companies —
3 GW
committed

RE-INVEST

February 2015

**1st Platform for
investment
promotion in
Renewable
energy**



Up-scaling
global effort for
technology
development &
transfer

Green Energy
Commitments
266 GW

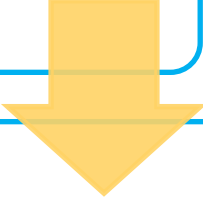


27 banks
committed to
finance 72 GW
RE projects

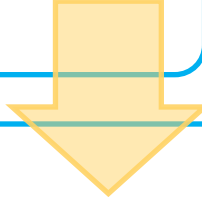
Sources: MNRE; RE-Invest 2015 Investor Guide; Invest India analysis

A dedicated “Invest India-RE Help Desk” at IREDA (Indian Renewable Energy Development Agency)

Query generated by potential investor at
www.makeinindia.com/query-faq



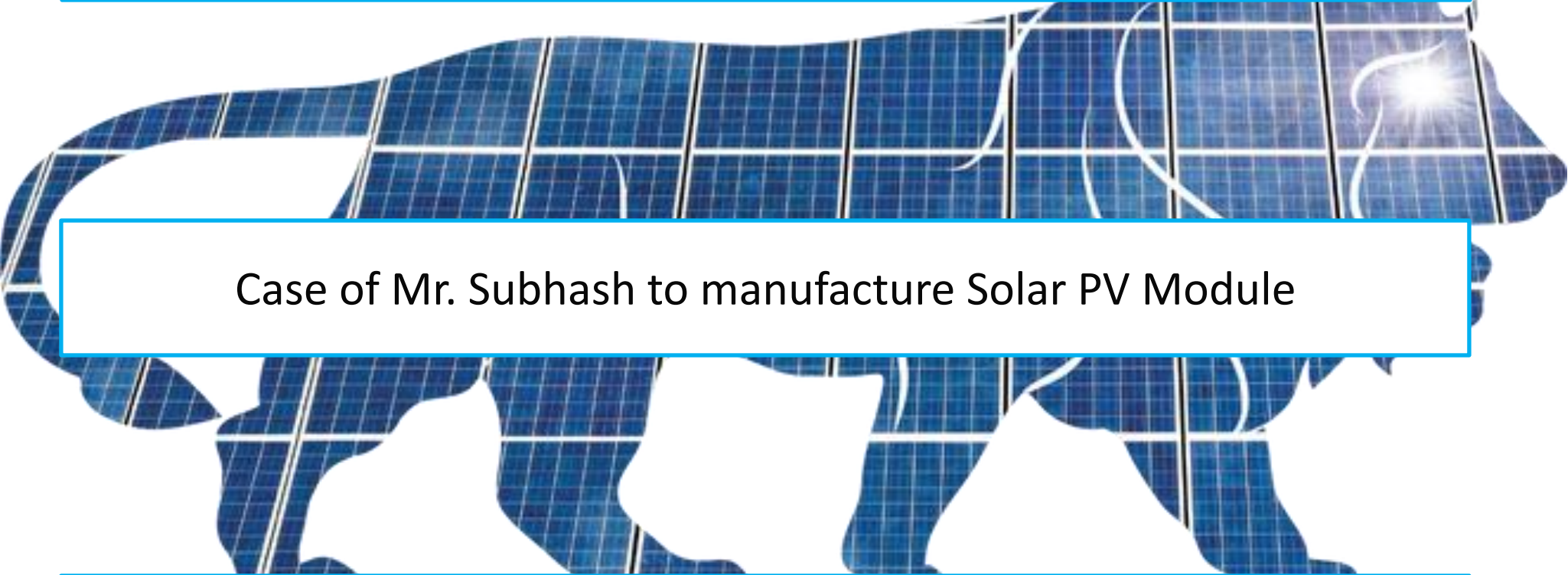
Backend IREDA team works on comprehensive response via email and phone calls



Investor receives direct, information, Ministry nodal points and handholding support

Investor Cases

Case of Sun Light Fuels Pvt Ltd to set up a biomass plant



Case of Mr. Subhash to manufacture Solar PV Module

Case of Mr. Shah to set up a Renewable Energy plant

RE Policy/Incentives Enablers

Tax Incentives

100% **income tax holiday** for 10 years

Accelerated depreciation- 80% on solar assets

Extra **depreciation-** 20% on new plant & machinery

Deemed **export drawbacks**

Exemption/return of **Terminal Excise Duty**

Custom duty concessions

Reduced **VAT rates**

Tax Free Grants

Other Incentives

Feed-in-tariffs

Rebates on manufacturing solar & wind components

Rebates on capital expenditures

Ease of **land allocation**

Favourable State land policies

Government **R&D Programs**

Sources: MNRE; RE-Invest 2015 Investor Guide; Invest India analysis

Contact



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