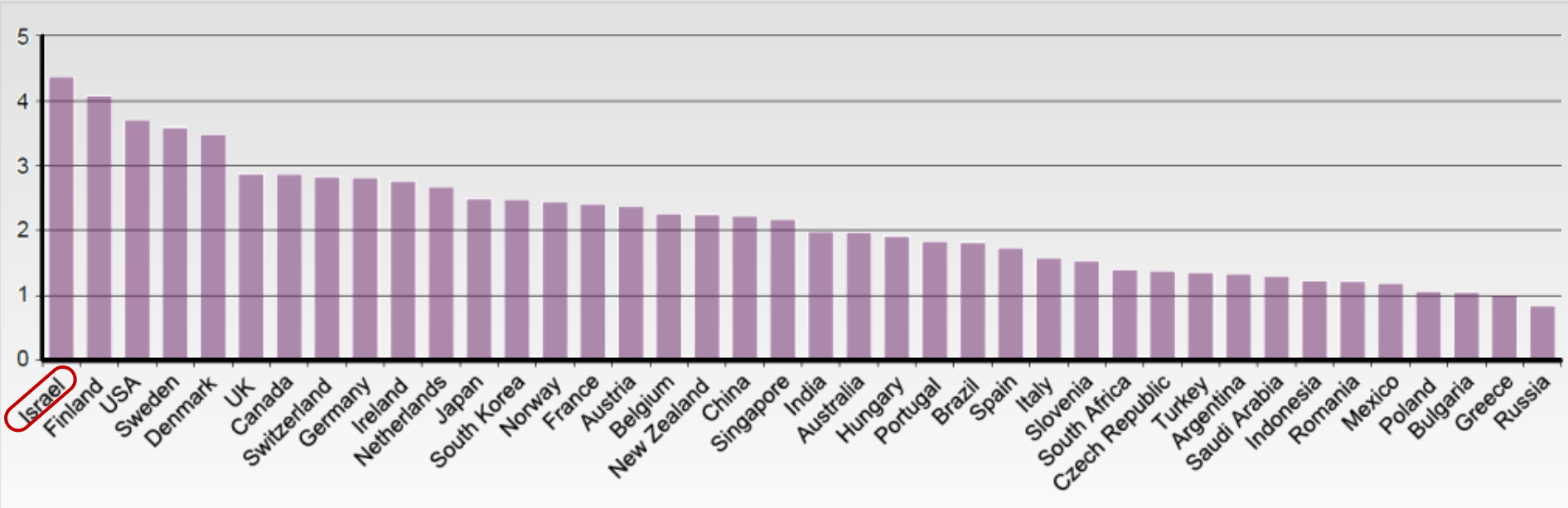


A night-time photograph of a baseball field. The field is illuminated by several bright stadium lights, creating a high-contrast scene. The infield is made of brown dirt, and the outfield is green grass. The bases are visible, and the pitcher's mound is in the center. The sky is dark, and the lights create a starburst effect.

**Dr. Gilead Fortuna | Shiri Freund Koren | Idan Liebes
Samuel Neaman Institute, Center for Industrial Excellence**

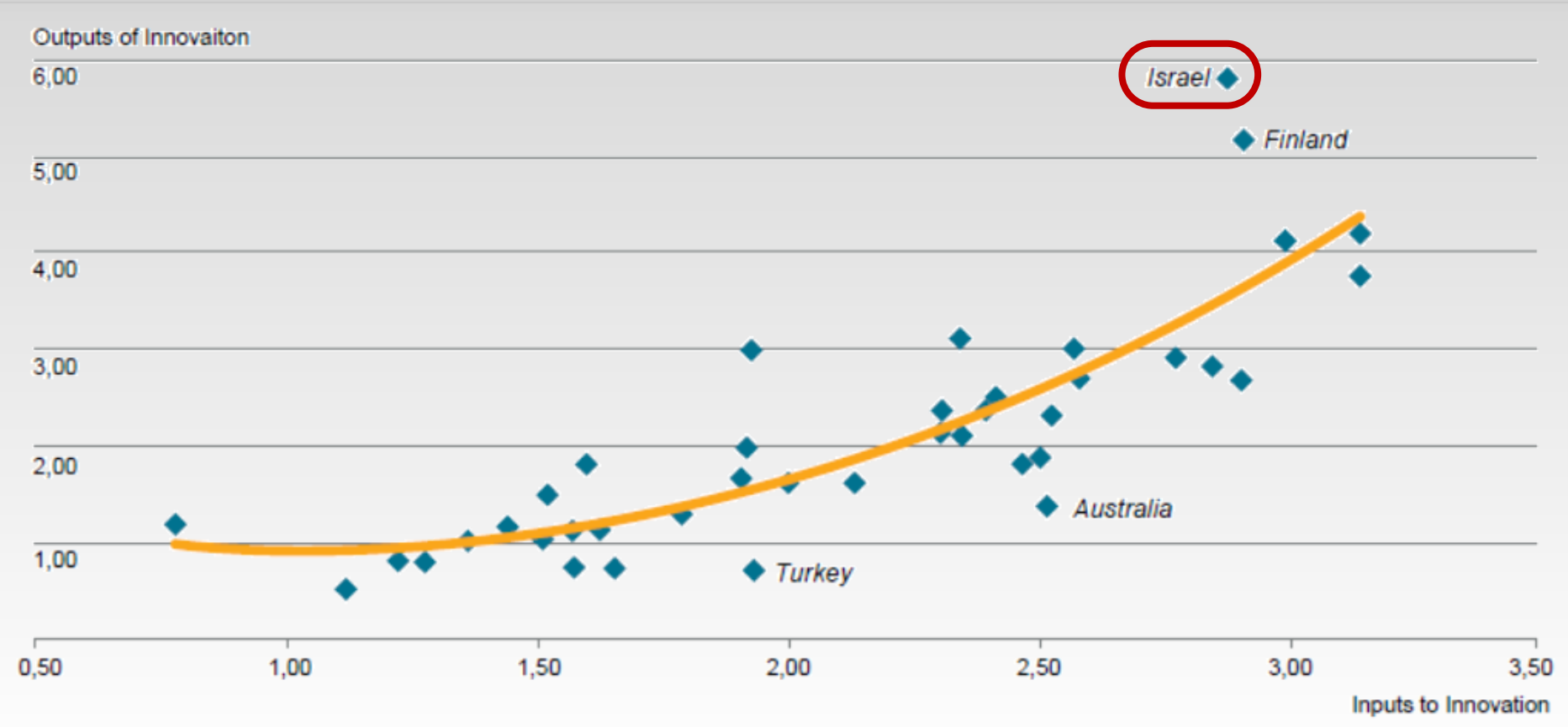
Israeli Cleantech: Stepping Up to the Plate

Cleantech Countries Innovation Index



Source: Cleantech Group and WWF (2014)

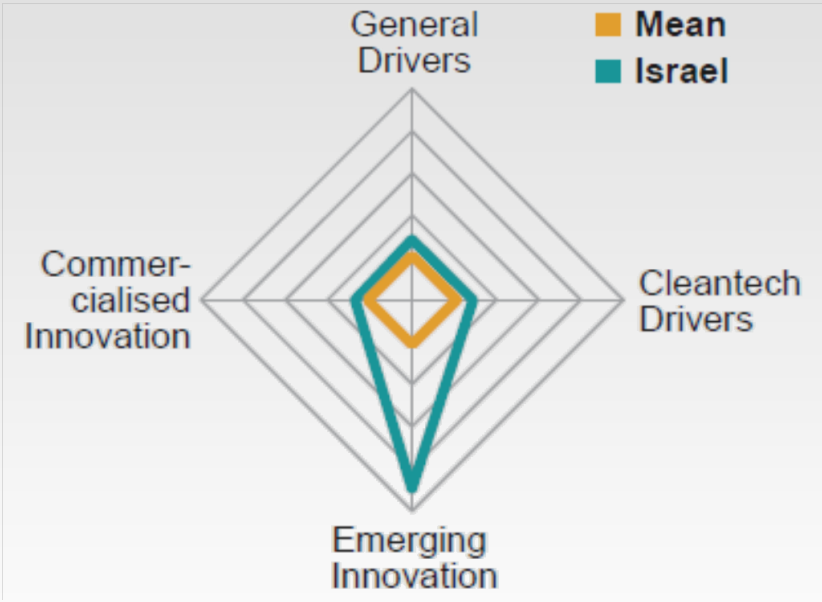
Cleantech Innovation Efficiency Index



Source: Cleantech Group and WWF (2014)

Israel's Cleantech Industry Profile

"A pureplayer in the Emerging Cleantech Innovation Factor"



Source: Cleantech Group and WWF (2014)

The Research Team



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Supported by:



The Israeli Renewable Energy Industry Research

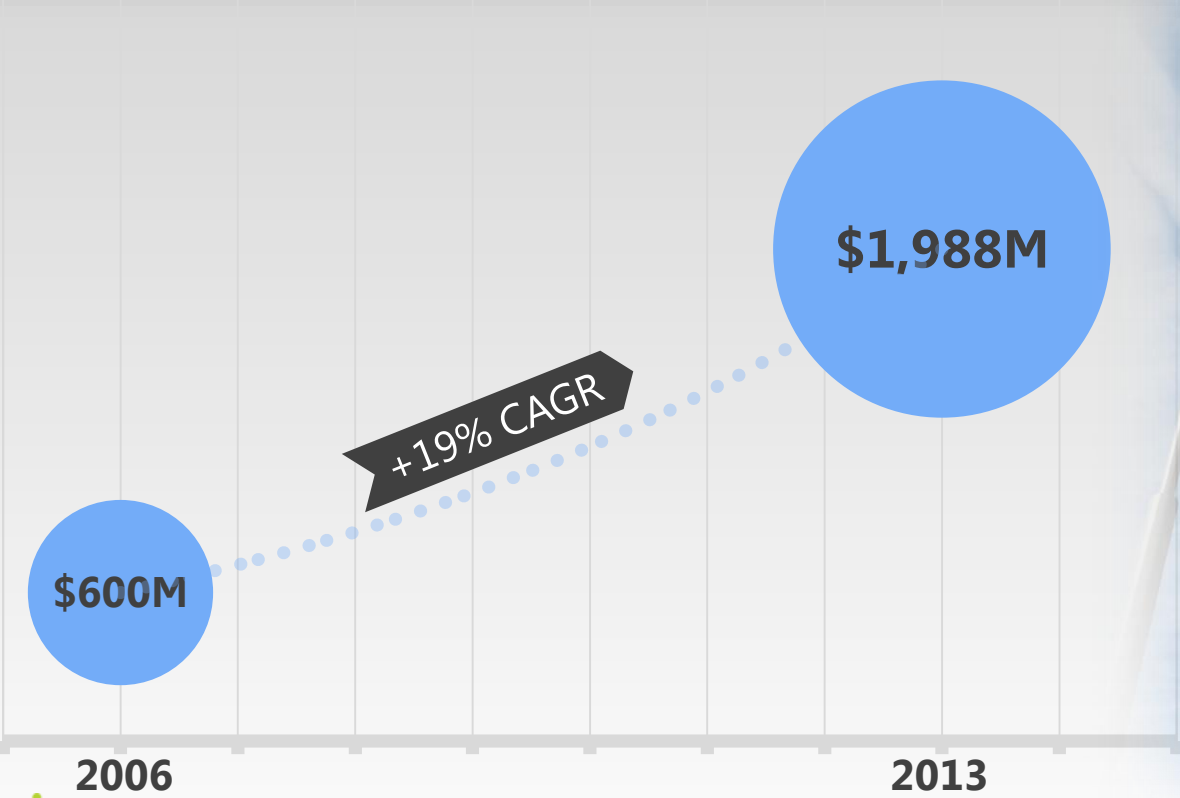
- A database of Israeli renewable energy companies
- In-depth interviews with stakeholders

Q: Drivers? Barriers?

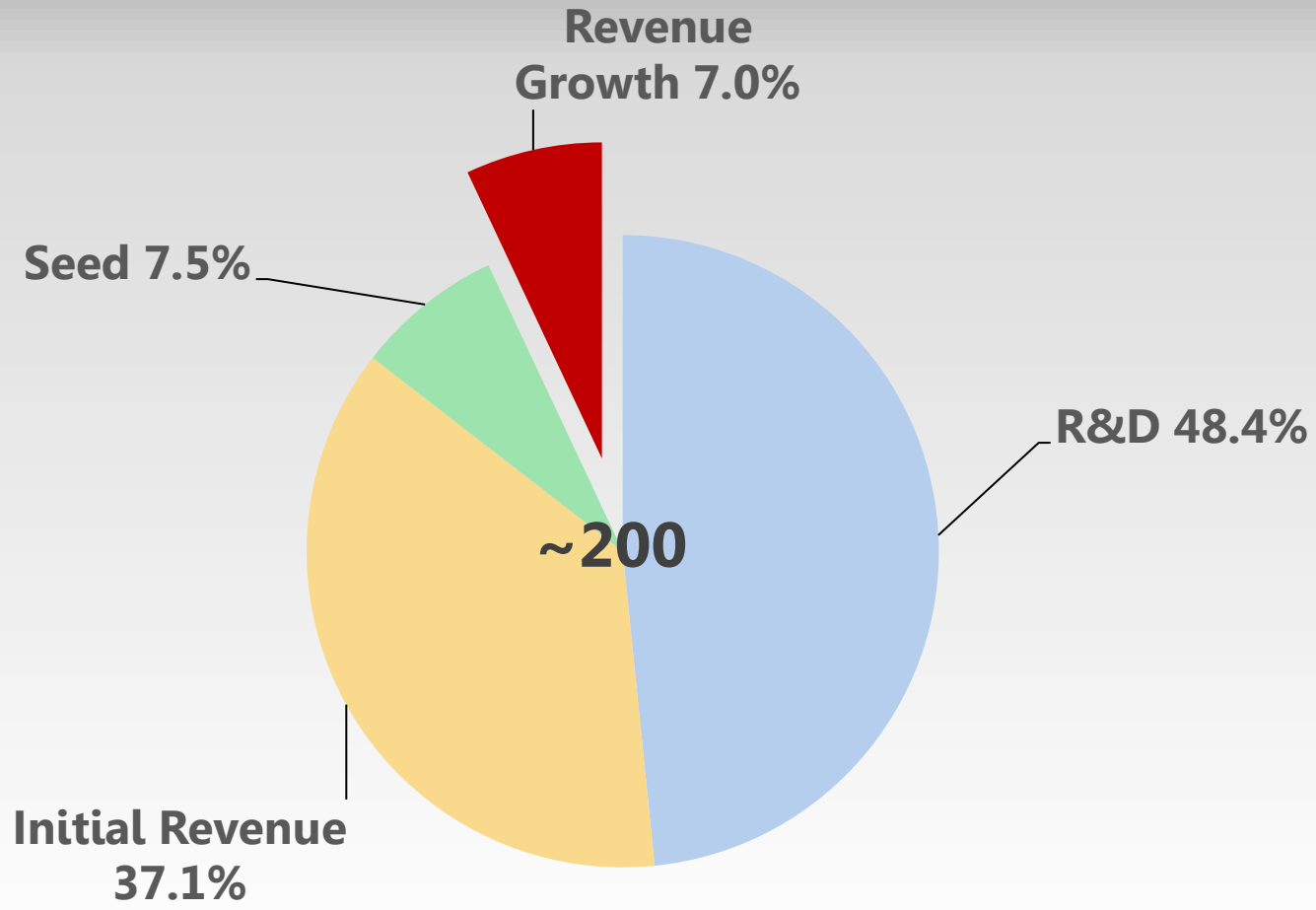


Israel's Water Industry as a Benchmark

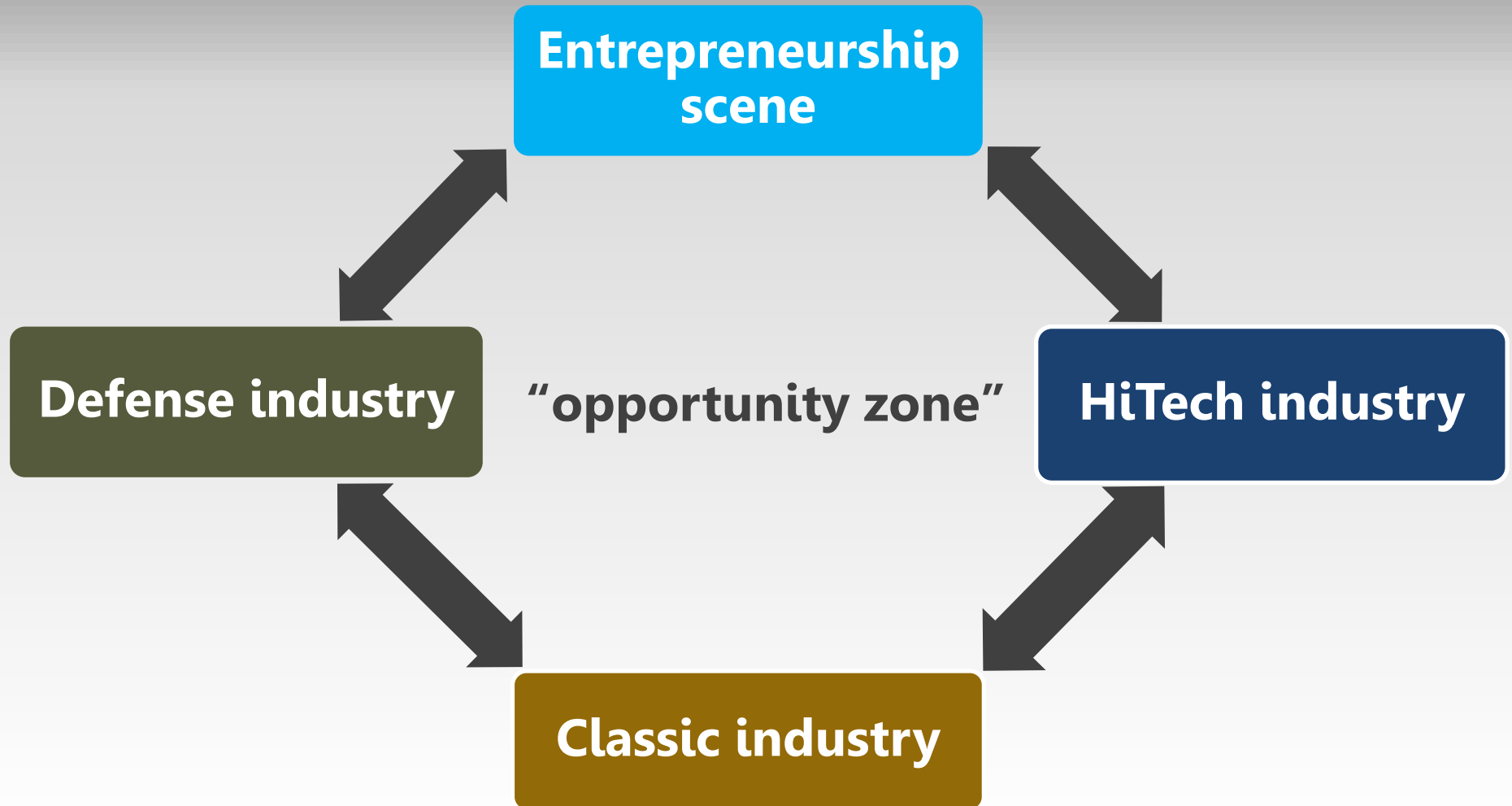
Total annual exports (top ~200 companies)



The Industry's Maturity Stage



The Industry's Ecosystem



Meeting the Trends

Storage

- Industry-academia R&D collaborations
- Varied innovative solutions and applications



“HiCleantech”

- Multi-system integration, management and control
- ICT, big data and cyber security innovation leadership



Efficiency

- Creativity in dealing with deficiencies
- Experience from the water industry



Solar

- Pioneering in CSP R&D and application
- Abundant solar resources



Actions Needed (1)

Deep industry analysis

- Industry performance analysis
- Barrier mapping
- Focusing and reallocation of incentive programs



Actions Needed (2)

Cleantech “supertanker” panel

- With members from all relevant public offices
- Aid companies with regulatory barriers and support programs
- A “seal of approval”



Actions Needed (3)

Cleantech fund

- Government led
- Finance first commercial installation(s), going global
- Low interest debt / project equity

Sources

Government
Institutional
Industry corporates
Foreign / MNCs

Uses

VC
Later stage capital
Asset financing

Stepping up to the Plate

Deep industry analysis
Cleantech panel
Cleantech fund



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