

# MISSION INNOVATION

## Carbon Capture Innovation Challenge



وزارة الطاقة والصناعة والثروة المعدنية  
المملكة العربية السعودية

**Tidjani Niass**

Ministry of Energy and Mineral Resources

Saudi Arabia

**Carbon Sequestration Leadership Forum**

2017 Mid Year meeting

Abu Dhabi

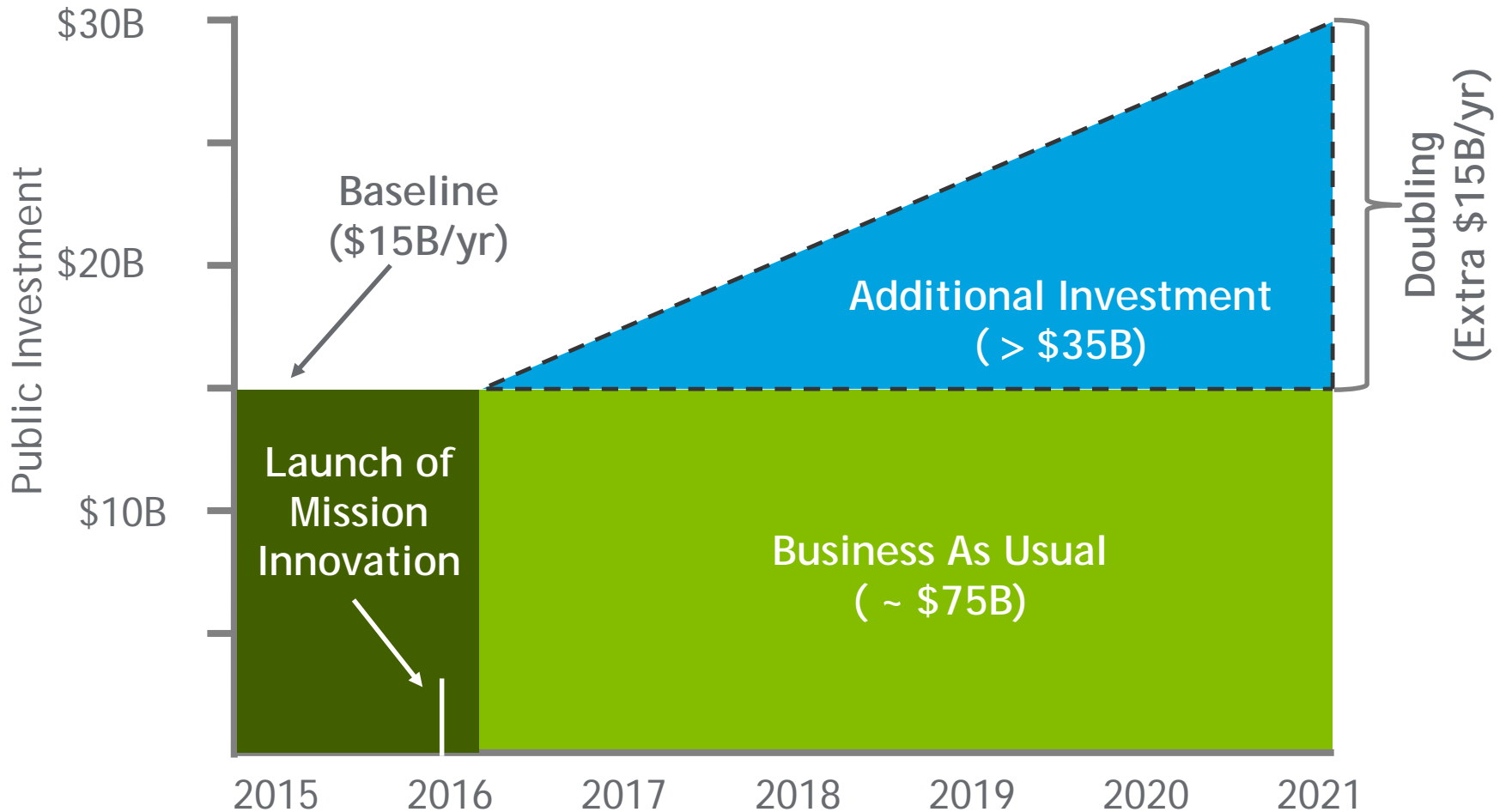
May 01, 2017

- *Double public clean energy R&D investment over five years, while encouraging greater levels of private sector investment in transformative clean energy technologies*
  - 22 countries and the European Commission
  - 1 Ministerial meeting per year



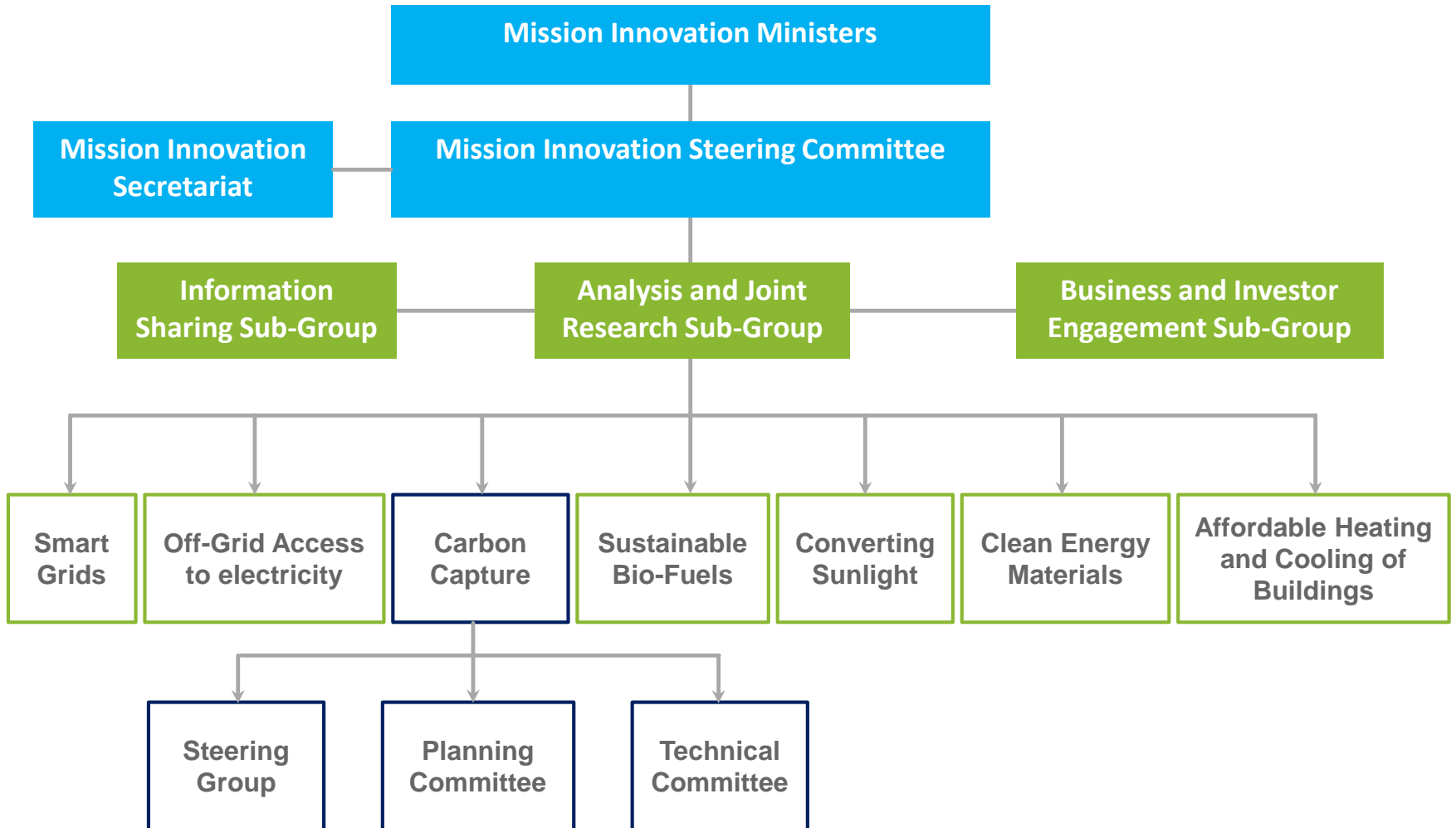
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# R&D Doubling Target



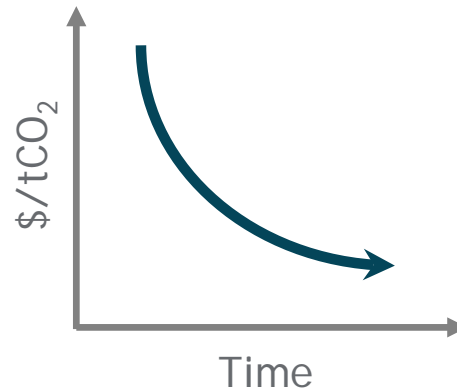
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# Organization



## Objectives

- Enable near-zero CO<sub>2</sub> emissions from power plants and carbon intensive industries
  - Identify and prioritize breakthrough CCUS technologies
  - Develop pathways to close RD&D gaps
  - Recommend multilateral collaboration mechanisms
  - Drive down cost of CCUS through innovation



Leads



United States



Saudi Arabia

Participating countries



Canada



China



EC



Denmark



Finland



Netherlands



France



UK



Norway



India



Indonesia



Japan



Germany



UAE



Mexico



Korea



Sweden



Italy

## Work Plan

- Experts workshop to discuss Basic Research Needs for CCUS
  - Focus on Capture, Utilization and Storage science
  - Publish a report to guide innovation on CCUS
- Establish strategic partnerships
  - International Energy Agency (IEAGHG)
  - World Economic Forum (Business Investors)
- Seek ways to engage the industry
  - Closer engagement with Business and Investors Engagement Sub-Group

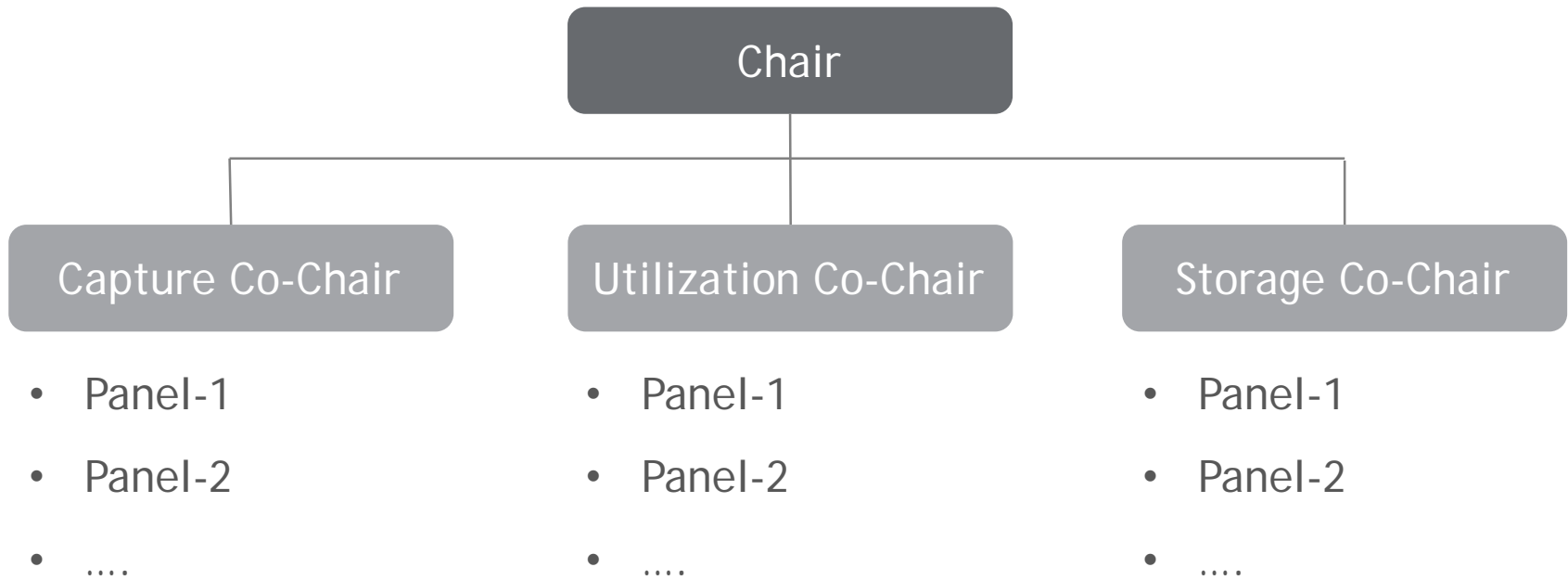
## Experts workshop to discuss basic research needs for CCUS

- Tentative Dates: September 25 – 29
- Venue – US
- Attendees by invitation

Monday	Tuesday	Wednesday	Thursday	Friday
CCS Project site visit	Opening Plenary Capture Storage Utilization	Capture Storage Utilization	Capture Storage Utilization Closing Plenary	Reporting and Technical Committee Meeting



## Workshop Structure



## Key Points of Contact

### Unites States

- **Stephanie Duran**, U.S. Department of Energy  
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### Saudi Arabia

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**Thank You**