



SUSTAINABLE  
ENERGY FOR ALL

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SE4ALL Africa Hub Coordinator

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# Why Energy?

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“Energy is the golden thread that connects economic growth, increased social equity and an environment that allows the world to thrive.”

*-- UN Secretary-General Ban Ki-moon*



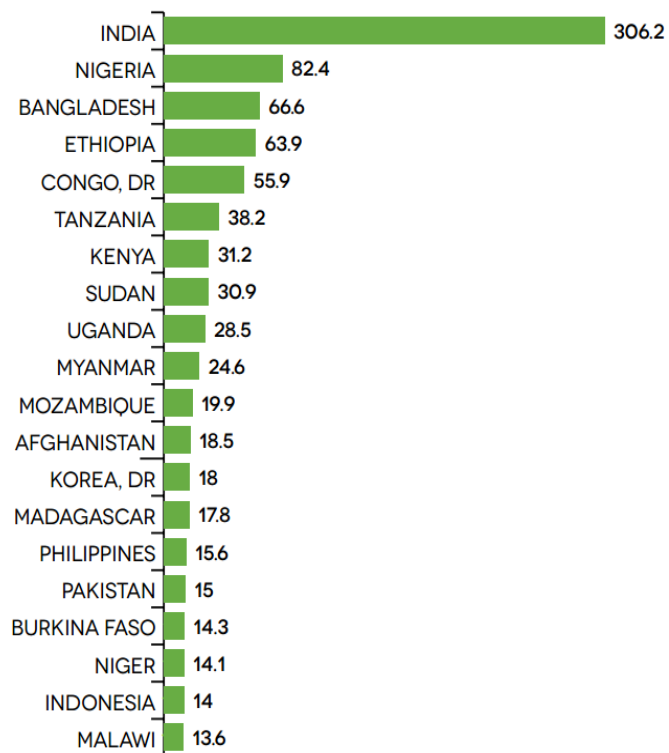
# Why are we here today and why do we need SE4All?

The world faces three great energy challenges in the coming decades.

1. First, ending energy poverty. Ensure that every person has access to electricity and modern energy sources for cooking and heating.
2. Second, we need to strengthen economic growth in a way that's equitable and addresses growing energy demand.
3. Third, we need to slow the warming of our planet by reducing global emissions and combatting local environmental impacts from energy-use.



### ELECTRICITY ACCESS DEFICIT (MILLIONS OF PEOPLE)



### NON-SOLID FUEL ACCESS DEFICIT (MILLIONS OF PEOPLE)

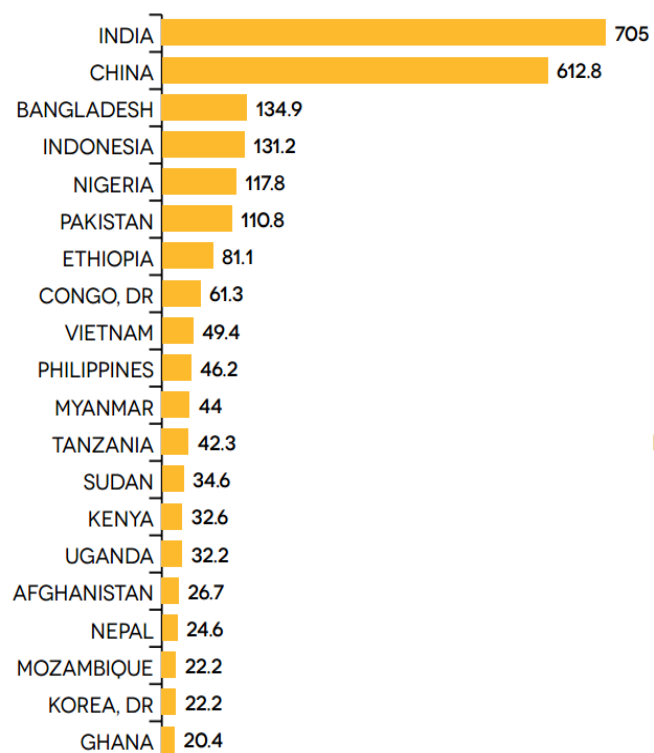
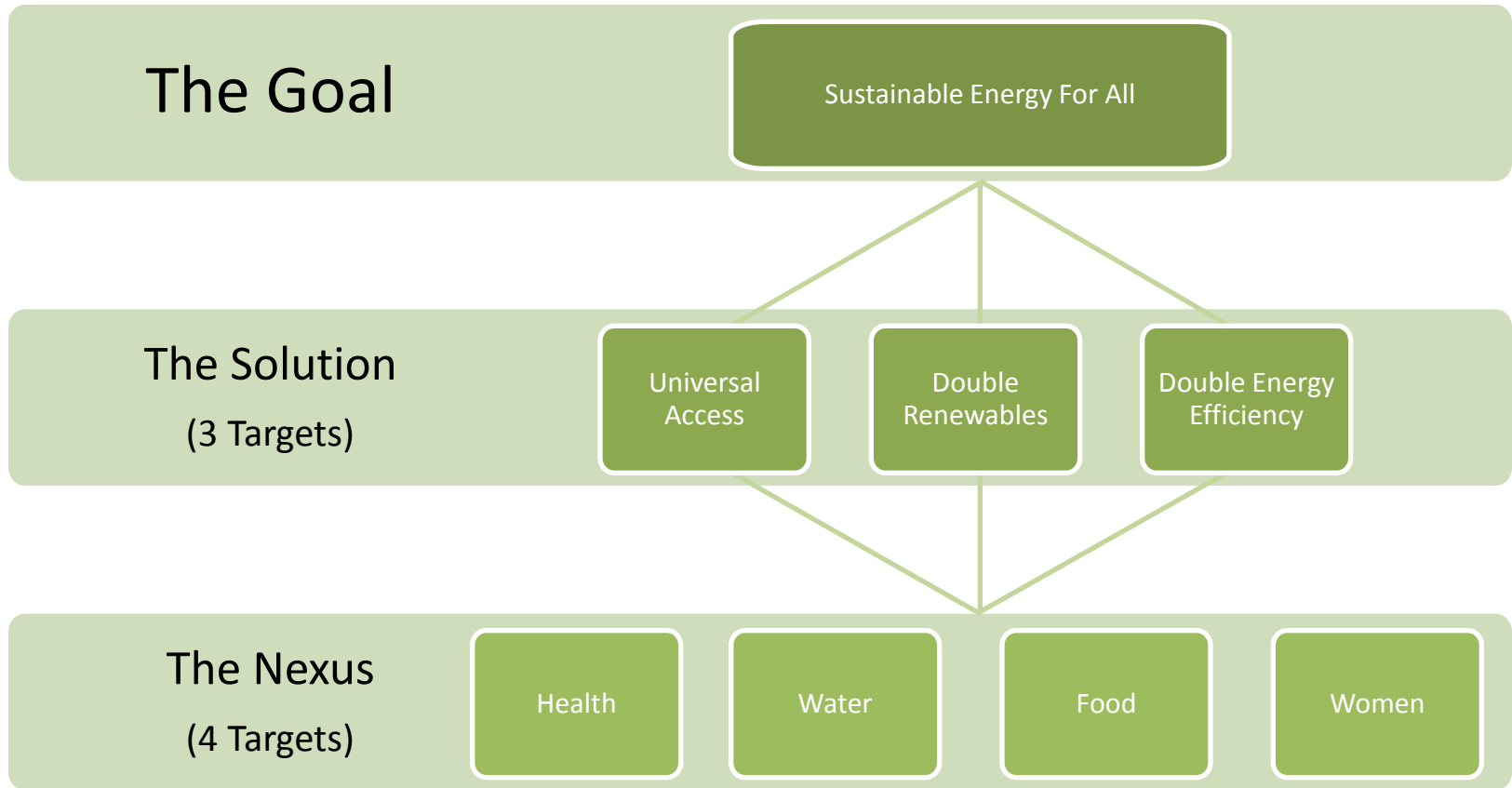


FIGURE ES.1 OVERVIEW OF HIGH-IMPACT COUNTRIES, 2010

# SE4ALL: A Coherent Solution and Nexus Enabler



# SE4ALL Workstreams



## Country Level Action

## Country Level Action

- **83** Countries have “opted in” – **42** in Africa
- **43** Countries Rapid Assessment/ Gap Analysis
- **30** “Focus” Countries to show results 2014

**Goal:** Ensuring Coherence in Country Engagement → Showing Results  
← National Leadership

### Country Action Reference Document:

- Partnership Principles - how to engage
- Country Action Agendas – link to SE4All three goals
- Investment Prospectus (es) – leverage investment
- Reporting and Tracking – tell the story





# Energy Access: One challenge different solutions

Access

Top Down

power sector grid  
extension

Bottom Up

energy enterprise access  
solutions

# SE4ALL Action Agenda – Rationale and scope

- Strategic and holistic linked to SE4ALL goals
- Umbrella framework for the sector that also includes the nexus angles
- Building on the Global Action Agenda
- Set out field of play and co-ordination basis for all actors in the sector
- Concise, pragmatic and action oriented building to the extent possible on existing plans and strategies
- Important in view of a potential energy goal that might emerge out of the post-2015/SDG processes

# SE4ALL Action Agenda – Outline

- Preamble
- Executive Summary
- Introduction
- Part 1 – Vision and Targets until 2030
- Part 2 – Priority Action Areas
- Part 3 – Coordination and Follow-up

# SE4ALL Investment Prospectus – Rationale and scope

- An Investment Prospectus provides an approach to operationalizing the Country Action Agenda towards achieving SE4ALL goals by identifying and developing a set of implementable programs and projects, including their investment requirements, that can be presented to potential private and public investors.
- It is a time-bound short-to-medium term document which presents an integrated set of prioritized and sequenced investment opportunities.

# SE4ALL Investment Prospectus – Outline

- Introduction
- Priority Interventions
- Implementation Arrangements
- Investment Funding Requirements
- Financing Gap
- Syndication of Financing



# Business Action & Investment

# Catalyzing Investment and Business Action

- Initial set of 50 potential HIOs identified
- Most advanced HIOs:

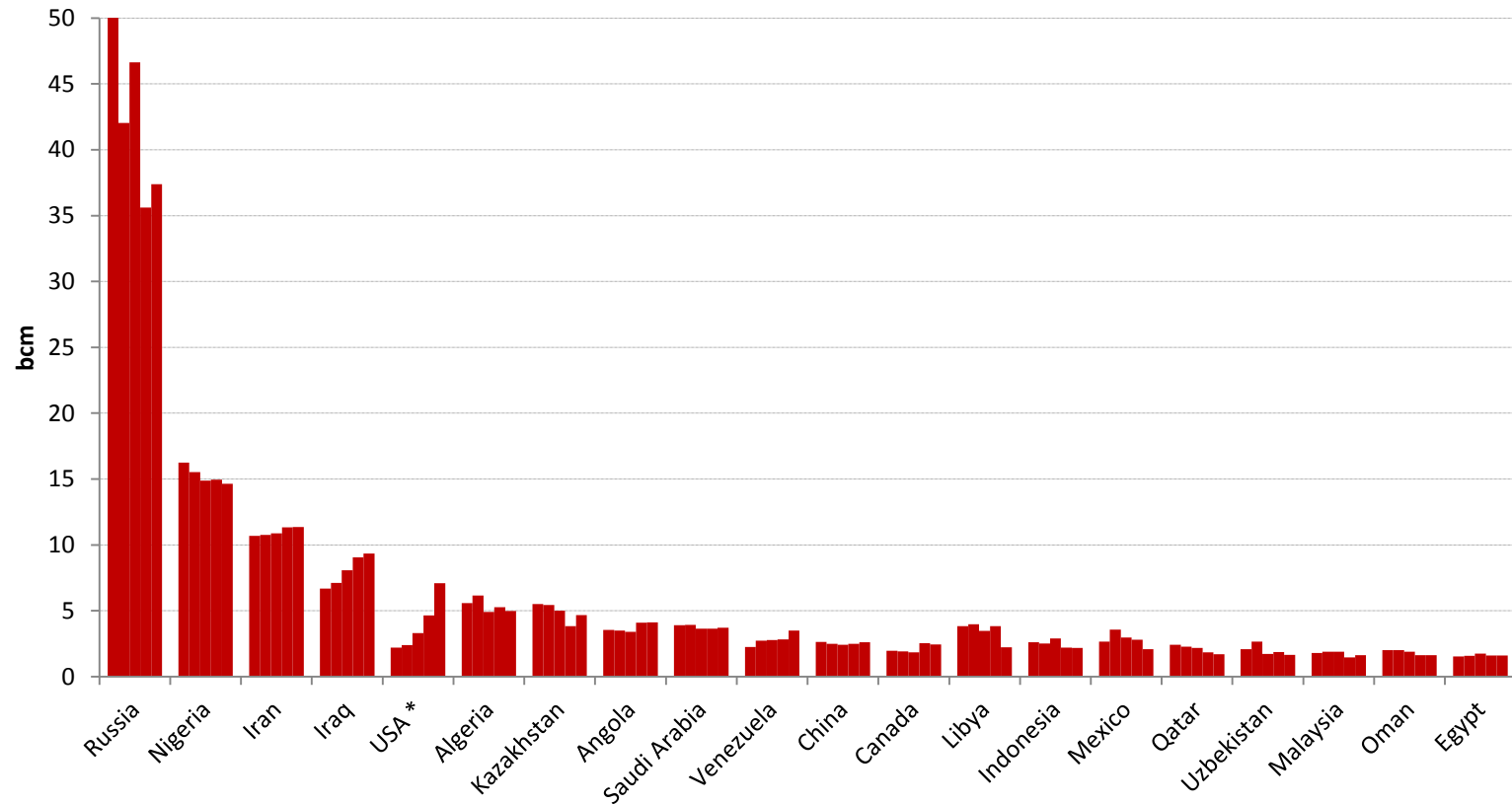
## ***Close to being formalized***

1. Energy and Women's Health
2. Phase out of Gas Flaring in Oil Production
3. Sustainable Bioenergy
4. Vehicle Fuel Efficiency
5. Water-Energy-Food Nexus
6. Universal Adoption of Clean Cooking Solutions
7. Green Energy Mini-grids

## ***Discussions underway***

1. Advanced Lighting & Appliance Efficiency
2. Energy Efficiency in Buildings
3. Off-Grid Lighting & Charging
4. Sustainable Energy for Island Economies

# Flaring Trends – top 20 Countries



\*) 2007-11 data – before change to new satellite data. Particular uncertainty with the U.S. flaring level and ranking (but not the trend)

■ 2007 ■ 2008 ■ 2009 ■ 2010 ■ 2011



# Global Advocacy & Stakeholder Engagement

# Global Advocacy & Stakeholder Engagement

- **Rio +20 Outcome Document:**

*“We are all determined to act to make sustainable energy for all a reality and, through this, help to eradicate poverty and lead to sustainable development and global prosperity.”*

- The **General Assembly** declared 2014-24 as the **Decade of Sustainable Energy for All**

- Regional/International level:

- Declaration by **Energy Ministers of Africa** (2012)
- Declaration by the **Small Island Developing States Energy Ministers** (2012)
- **Clean Energy Ministerial’s** commitment to SE4ALL
- **Asia and the Pacific Energy Forum** (2013)
- **EU** commitments to Sustainable Energy for All (500 M more people energy access by 2030)
- **Germany** committed to create access to energy for 100 M people in addition to the goal of the EU



# Communications & Outreach

## Communications & Outreach

- The initiative has received **televised coverage** on CNN International, the BBC, and China Central Television (CCTV) as well as **print exposure** in the Financial Times, National Geographic, Huffington Post, Science Daily, Nature Climate Change, among others
- Plan to reach out to multiple stakeholders: Governments, private business, civil society, media, banks, and institutional investors
- Crowd-sourcing solutions
- Facilitate innovation
- The **SE4ALL website** is [www.se4all.org](http://www.se4all.org)



# Knowledge Management

## Knowledge Management

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- The GFT is working on the design of a **collaboration platform** which will facilitate an action-oriented exchange of information and promote communication, outreach, and soft coordination among partners
- Three IT providers have been assessed
- Negotiations are currently underway

# Monitoring and Reporting

## Monitoring and Reporting

- In May 2013 the **Global Tracking Framework** was launched
- 15 agencies worked under the leadership of the World Bank and the IEA to produce this framework
- This framework for data collection and analysis will enable us to monitor progress

*<http://www.se4all.org/tracking-progress>*





# The Structure of the Initiative



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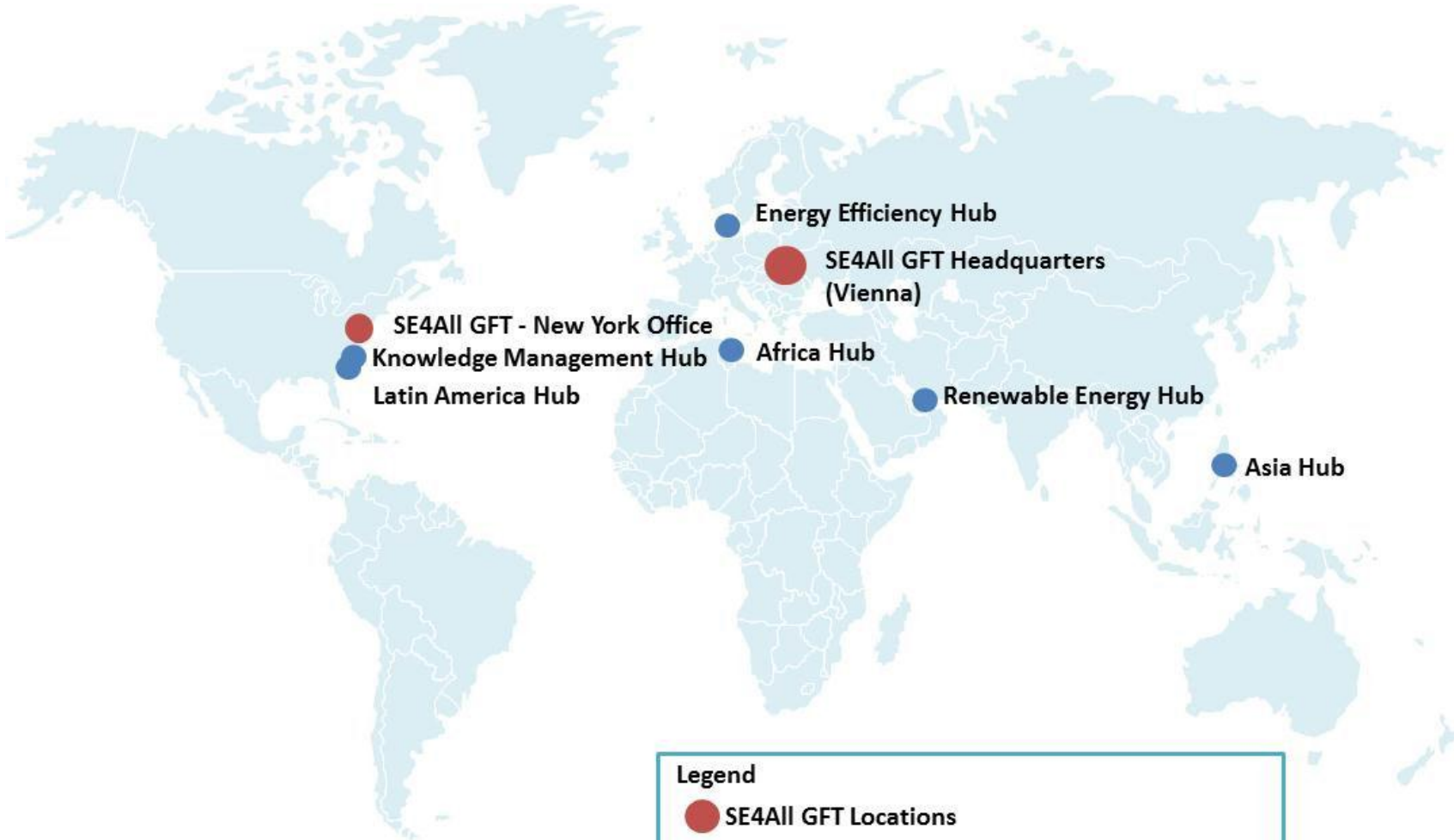


### **Dr. Kandeh K. Yumkella**

Special Representative of the  
United Nations Secretary  
General's Initiative on  
Sustainable Energy for All



# Map of the Initiative



## Legend

● SE4All GFT Locations

● Proposed Regional and Thematic Hub Locations

# Regional and Thematic SE4All Hubs

## Regional Hubs:

- The **African Development Bank**, in partnership with the **AU**, **NEPAD** and **UNDP** host the **Africa Hub**.
- The **Inter-American Development** hosts the **Latin America Hub**.
- The **Asian Development Bank** hosts the **Asia Hub**.

## Thematic Hubs:

- SE4ALL stakeholders and **IRENA** Members have designated the Agency as the Hub for **Renewable Energy**.
- UNSG Ban Ki-Moon opened an **Energy Efficiency** hub in Copenhagen in October 2013, hosted at UNEP the Risø Centre and the Technical University of Denmark (DTU).
- The **World Bank** hosts the SE4All Hub for **Knowledge Management** which tracks global progress on the goals of SE4All.
- **UNDP** hosts the **Bottom Up Access** Hub, focusing on mini- and off-grid solutions.
- The Energy and Resources Institute (TERI) in New Delhi is establishing a hub for **Capacity Building**.

# Key Milestones in 2014

- Launch of Decade of Sustainable Energy for All
  - Sustainable Development Summit
  - EU- Africa Energy Ministers Meeting
  - World Bank Spring Meeting
  - Clean Energy Ministerial
  - AfDB Annual Meeting
  - Advisory Board Meeting
  - SE4All Global Meeting
  - AsDB Annual Meeting
  - World Water Week
  - GA Special Session on Climate Change
  - Advisory Board Meeting
  - COP20
  - Post MDG framework
- Abu Dhabi, January  
New Delhi, February  
Addis, February  
Washington, April  
Seoul, Korea, May  
Kigali, May  
New York, June  
New York, June  
Manila, June  
Stockholm, September  
New York, September  
Vienna, November  
Lima, December  
New York, December



## 2014 : Key Actions

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- Action Agendas for 30 countries and Investment Prospectus for 5 to 6 countries
- Recommendations of four Committees of the Advisory Board to scale up investments
- Framework for Business Action and High Impact Opportunities
- Establish a Collaboration Platform
- Initiate next round of GTF