



SUSTAINABLE  
ENERGY FOR ALL

# BIOENERGY FOR SUSTAINABLE DEVELOPMENT

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**Global Lead**

**Sustainable Bioenergy High-Impact Opportunity**  
**Sustainable Energy For All**



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# Overview

- The ***Sustainable Bioenergy Group*** is a partnership platform to drive deployment.
- Value for the Aviation Sector
- Questions & Discussion

# Sustainable Bioenergy Group

## *The SBG promotes*

- Knowledge enhancement and information sharing
- Policy and sustainability support
- Deployment support

## *To drive the deployment of sustainable*

- Clean Cooking solutions
- Increased Agricultural Productivity
- Energy from Municipal Solid Waste
- Aviation Biofuels
- Cellulosic Ethanol



# **Sustainable Energy for All Works to End Energy Poverty and Scale-Up Renewable Energy**

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*

Ending poverty and ensuring sustainability are the defining challenges of our time. Energy is central to both.

-- *Jim Yong Kim - World Bank Group President*

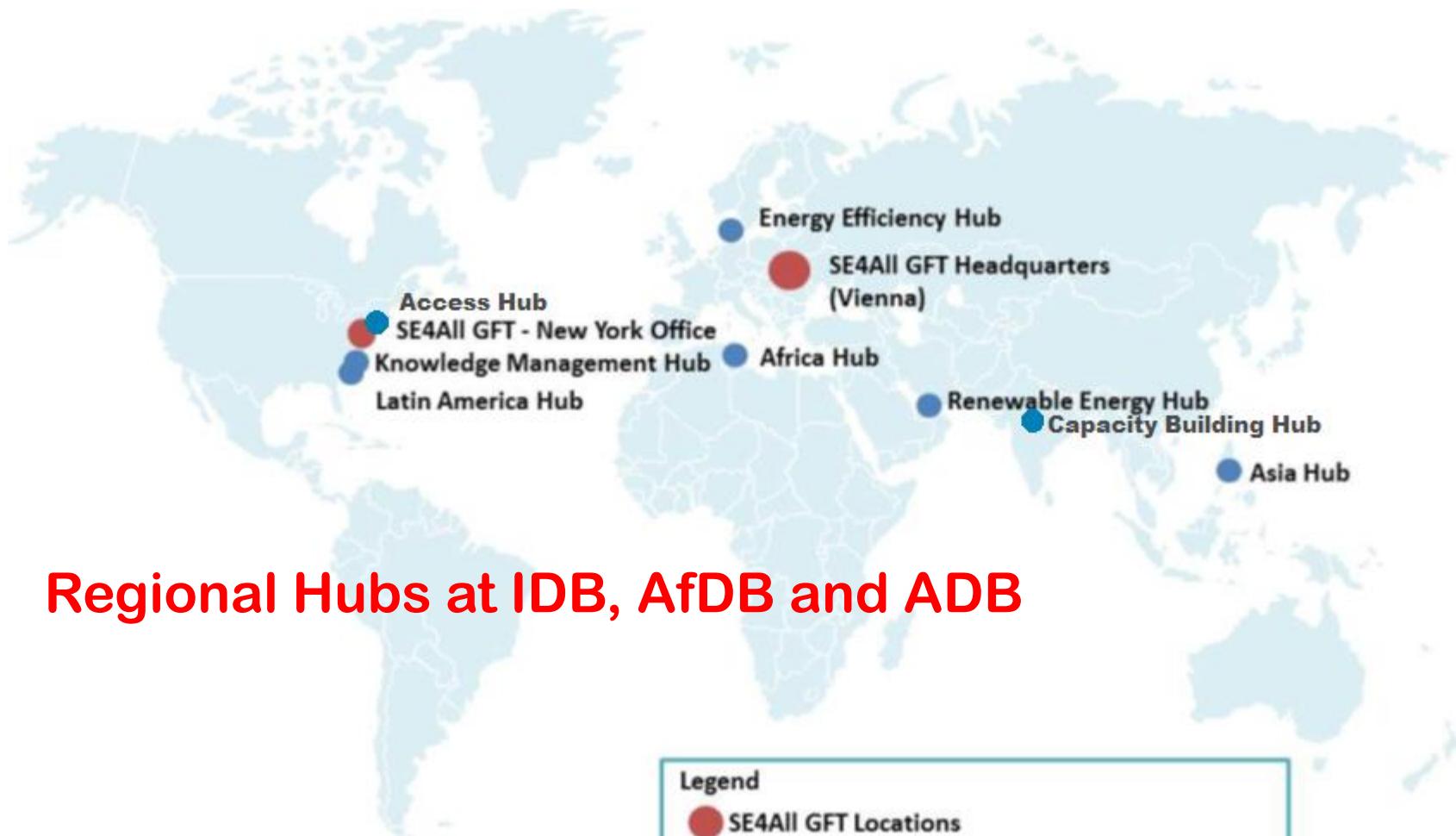


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# Leveraging International Institutions to Drive Deployment



**Regional Hubs at IDB, AfDB and ADB**

**Legend**

● SE4All GFT Locations

● Proposed Regional and Thematic Hub Locations

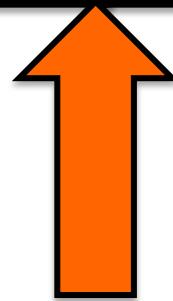


## PUBLIC SECTOR

Governments  
Donors  
Multilateral Organizations  
Development Banks

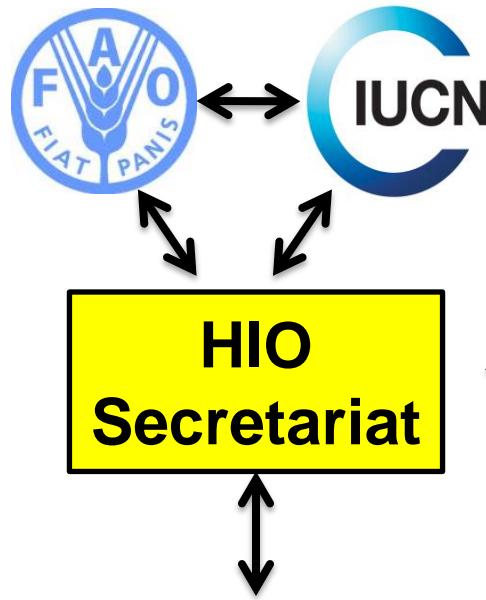
## PRIVATE SECTOR

Multinationals  
Local Entrepreneurs  
Private Capital



SBG provides the mechanism thru which the Bioenergy Private Sector can engage SE4All

# SBDG Leadership Structure



Co-Chairs



Steering Committee

Bloomberg  
NEW ENERGY FINANCE



iea  
International Energy Agency

KLM  
Royal Dutch Airlines

RSB  
ROUNDTABLE ON SUSTAINABLE BIOFUELS

novozyymes  
Rethink Tomorrow

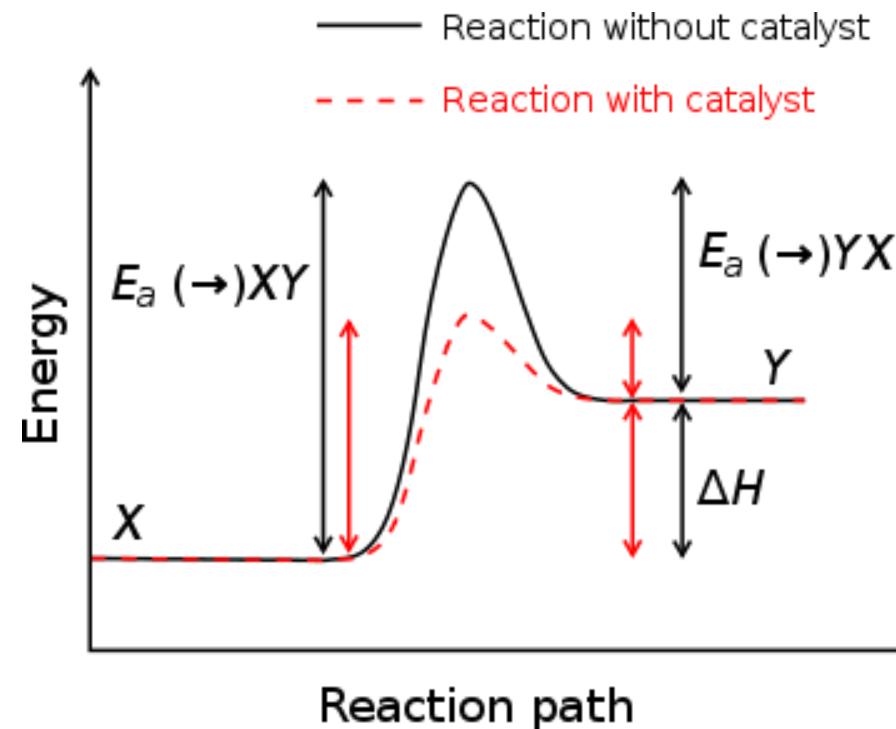
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# High Impact Initiatives PROJECTS

# Reducing transaction costs

## Barriers to deployment

- National & Local Policy
- Culture
- Finance
- Technology capacity
- Supply chain logistics



The Sustainable Bioenergy Development Group seeks to reduce project development transaction costs

## How to drive investment and growth in SE Asia



BETARENEWABLES

**Implement certain and stringent blending mandates**

**Remove subsidies of conventional fossil fuels**

**Incentivize electricity from renewable sources**

**Fair profit sharing mechanism with local biomass suppliers**

**Penalize uncontrolled burning of agri-residuals on the field**



# **Value to the Private Sector**

- Leverage international processes to foster a national and regional business climate that favors the productive use of biomass
- Recruit global partners to promote the development of sustainable biomass value chains
- Convince policymakers that Sustainable Biofuels are part of a sustainable, low-carbon future



# Roundtable on Sustainable Biomaterials

*Smallholder Sustainability Certification High Impact Initiative*

**Call to Action: Join the High Impact Initiative**

Connecting smallholder farmers  
to the global bioeconomy



*Photo Credit: KLM*



**Solidaridad**



# Platform for Bioenergy Partnerships



Inter-American Development Bank



World Business Council  
for Sustainable Development

# SE4ALL Sustainable Bioenergy HIO

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