SUSTAINABLE ENERGY FOR ALL

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Sustainable Bioenergy High-Impact Opportunity
Sustainable Energy For All
### Achieving the three objectives of Sustainable Energy for All...

#### Ensuring universal Energy Access
- Improved health
- Improved agricultural productivity
- Empowerment of women
- Business and employment creation
- Economic development
- Achievement of the Millennium Development Goals

#### Doubling the share of Renewable Energy
- Affordable energy even where grid does not reach
- New opportunities for small entrepreneurs
- Decreased variability in energy costs
- Energy security and reduced import bills
- Reduced environmental impacts

#### Doubling the rate of improvement in Energy Efficiency
- Lighting / appliances that require less power
- Fossil fuel resources used more effectively
- Reduced energy costs for consumers
- Redistribution of electricity that now is wasted or lost
- More reliable electricity systems

... makes many development goals possible
As of November 2013 four more target areas were added

- **Energy and Health** (with WHO),
- **Energy and Water**
- **Energy and Food Security** (with FAO)
- **Energy and Women’s Empowerment**
SE4ALL High Impact Opportunities

Sustainable Bioenergy HIO

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

HIOs will coordinate High-Impact Initiatives that will facilitate bioenergy project development and deployment.
Alignment between the Sustainable Bioenergy HIO and SE4ALL Action Areas

**Sectroral Action Areas**

- A. Modern cooking appliances and fuels
- B. Distributed electricity solutions
- C. Grid infrastructure and supply efficiency
- D. Large scale renewable power
- E. Industrial and agricultural processes
- F. Transportation
- G. Buildings and appliances

**Enabling Action Areas**

- W. Energy planning and policies
- X. Business model and technology innovation
- Y. Finance and risk management
- Z. Capacity building and knowledge sharing
Parties interested in the HIO
Sustainable Bioenergy High-Impact Initiatives will initially be aligned with the regional development banks.
The Sustainable Bioenergy HIO will support the HIIs as they

• Liaise with national governments and in-country stakeholders to identify opportunities for the (further) development of sustainable bioenergy industries and markets

• Convene policy, industry, and finance community leaders to craft and executing national sustainable bioenergy strategies

• Identify specific markets, opportunities and create alignment of interest/shared understanding among intergovernmental organizations, governments and development banks

• Deploy sustainable bioenergy solutions
Projects deployed under the auspices of the HIO will need to report on

- Contribution to the goals of SE4ALL
- Sustainability

The GBEP indicators and other tools are well positioned to inform the sustainability accounting effort in coordination with national action plans.

The initiative embraces a set of guiding principles that steer its operation. These include: full inclusion of all parties, collaboration to catalyse action at all levels, transparency by all stakeholders on commitments made, dissemination of lessons and best practices, and acceptance of a diversity of approaches, including technology choices based on unique national and local circumstances.
GBEP and the Sustainable Bioenergy HIO

- Partners and Observers are invited to contact the HIO so as to establish grounds for support and collaboration.

- The HIO is currently defining its Terms of Reference, Scope of Work and Sustainability Assurance Policies. The participation and assistance of Partners and Observers would be a tremendous benefit.

- The HIO is recruiting for its Steering Committee and Advisory Boards.

- The HIO will coordinate with the GBEP Secretariat directly on topics related to SE4ALL.