#### **Clean Stove Initiative in East Asia and Pacific Region**

**Towards Universal Access to Clean Cooking/Heating Solutions** 

#### ASTAE

The World Bank February 28, 2013



- Overview of EAP Clean Stove Initiative (CSI)
- Intervention strategy
- Program structure and approach
- CSI Progress in 2012-2013
- Next steps

## **Overview of EAP CSI**

3

Context: a follow-up regional program to the Flagship Energy Report, One Goal, Two Paths: Achieving Universal Access to Modern Energy in East Asia and the Pacific (1G2P).

#### Objectives

- To help scale up access to clean and efficient stoves in EAP countries through capacity building, policy development and supporting selected government action plans.
- To promote regional collaboration, learning and knowledge sharing on access to household modern energy through the establishment of regional energy access forum.

## Intervention Strategy

Strengthening institutions and building a more <u>enabling environment</u>

Supporting market and business development on the <u>supply</u> side

Stimulating household <u>demand</u> for clean and efficient stoves

• Establishing/strengthening institutional focal point, cross-sector coordination mechanism and platform for communication and cooperation.

• Establishing/strengthening stoves standards, testing, and certification system.

• Developing the M&E systems.

• Providing financial incentives for delivering clean cooking/heating solutions to households.

• Supporting market research and R&D of better stoves and fuel processing technologies.

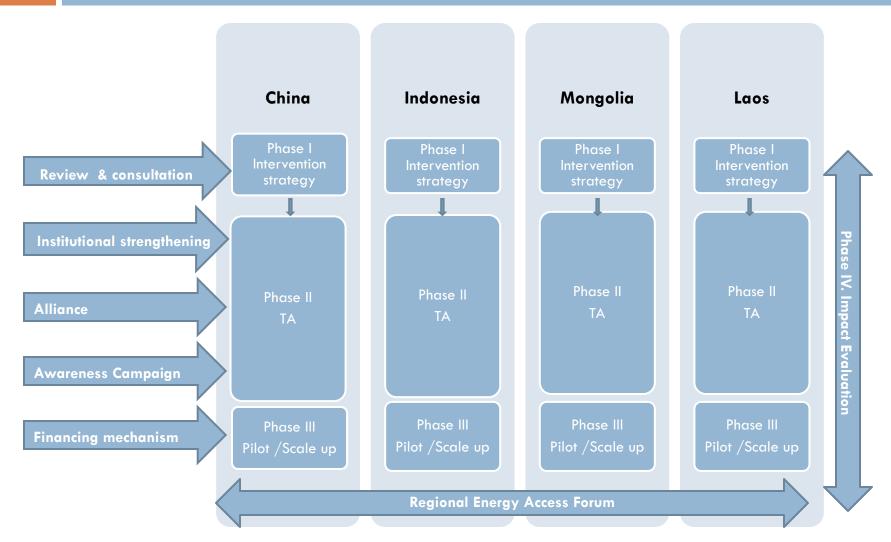
• Promoting broad-based awareness raising campaign

•Integrating public health methods in the campaign

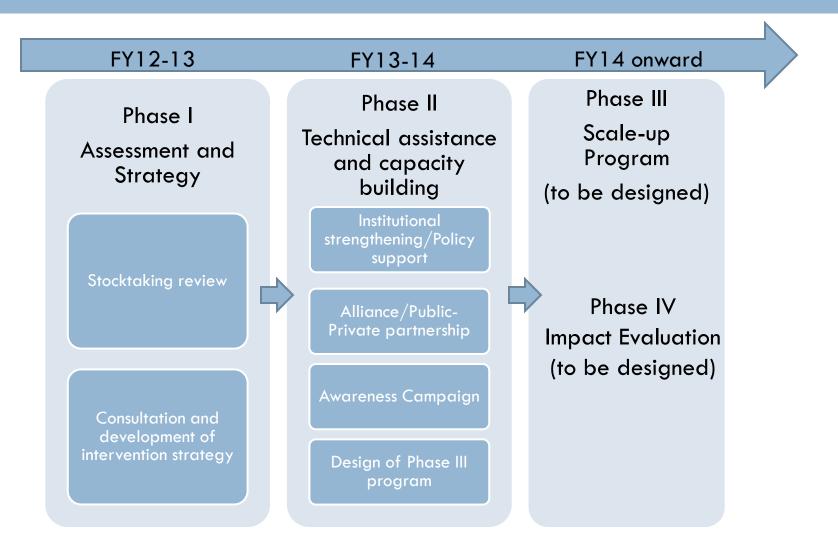
•Engaging communities and civil society in better understanding and motivating consumers as well as providing feedback to suppliers

#### Transformation strategies for scaling up access to clean stoves

#### **Overall Program Structure**



## CSI Progress in 2012-2013



# Next Steps for China CSI

- Improving stove standards, testing, and verification system
  - Review the current system to identify gaps and opportunities for improvement and support China's active participation and contribution in developing international standards.
  - Partner with GACC to support establishment of testing and knowledge and research centers.
- Strengthening institutions and building the capacity of key market players
  - Strengthen institutional arrangements
  - Conduct training activities to key market players
  - Organize regional or international learning activities and promote S-S cooperation
- Supporting pilots
  - Identify and pilot RBF approach in selected areas that representative and scalable
  - Public campaign and provide advisory service to key market players
- Supporting preparation of China's second national clean stoves program and Hebei Rural Energy Project (\$100m IBRD loan FY15)

# Next Steps for Indonesia CSI

- Establish stoves standards/testing/certification system
  - Develop a roadmap for setting up the stove standards, testing, and certification system
  - Establish testing/certification centers and support initial operating costs
  - Organize stove competitions and support advisory service for stove design improvement
- Strengthen institutions and build stakeholder capacity
  - Establish Indonesia Alliance for Clean Stoves and support to key institutional players
  - Conduct training activities to key market players
  - Organize regional or international learning activities
- Design and implement pilot program
  - Identify pilot areas that representative and scalable (e.g. Sumba and Central Java area) and pilot RBF approach
  - Public campaign and provide advisory service to key market players
- Design and prepare the Master Plan for the National Clean Biomass
  Cookstove program

#### A Vision Toward Universal Access to Clean Cooking Solutions in Indonesia

