



Sustainable Energy for All: Industrial Energy Efficiency Accelerator (IEEA)

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IEEA is a unique platform that can coordinate efforts, catalyzing programs and share best practice

IEEA can be an **umbrella platform** to accelerate initiatives on Industrial Energy Efficiency

Objective: target the high emission industrial sector with an energy efficiency program across 15 countries to realise a step-change in its performance

Develop programs across 15 countries over 8 years



Collaborate with local stakeholders

International institutions

Governments

Industry

Financiers

EE service providers

Build on existing, or kick-start new, initiatives

Completed

Existing

New

IEEA will target 5 high impact countries for in-depth program design; and 10 more for preparation

Objective: target the high emission industrial sector with an energy efficiency program across 15 countries to realise a step-change in its performance

Timeline

Nov '17 –
Mar '18

5 high impact countries

Diagnostic: individual in-country analysis to identify which sub-sector/s and pillar/s are priorities to address

Pillars: focused activities around industrial EE priorities in each country

1. Develop country-specific industrial EE policy measures

2. In-country capacity building to develop local EE experts and management approaches

3. Develop a pipeline of investable industrial EE projects

4. Generate financing solutions to unlock EE development

Jan '18 –
Dec '18

Jan '19 –
Jun '19

Outcome: unlock 5 market transformation programs for industrial EE programs in high impact countries

10 additional countries

Scale-up: begin preparing and engaging with 10 additional countries

Outcome: 10 countries ready for programs

Diagnostic tool to develop a strategy for each country, prioritising areas of opportunity

Participating governments will be involved and trained in the analysis and take ownership of the diagnostic after its completion to re-use as appropriate



1. Macroeconomic data
2. Energy supply
3. Energy demand
4. Industrial sector mapping and EE opportunity

5. Regulations and incentives

6. Available technologies and services
7. Stakeholder mapping
8. Initiative mapping

9. Key barriers

10. Solutions the IEEA can offer
11. Risks the IEEA could encounter

Output: 1-2 pillars prioritised for each country

The proposed package of support

1

High level diagnostic



SE4All Industrial Energy Efficiency Accelerator

Brazil diagnostic

January 2018



2

Embedded support team

Global Team

Local steering group

International delivery team

Local support team

Country gov't

3

Diagnostic Tool Manual



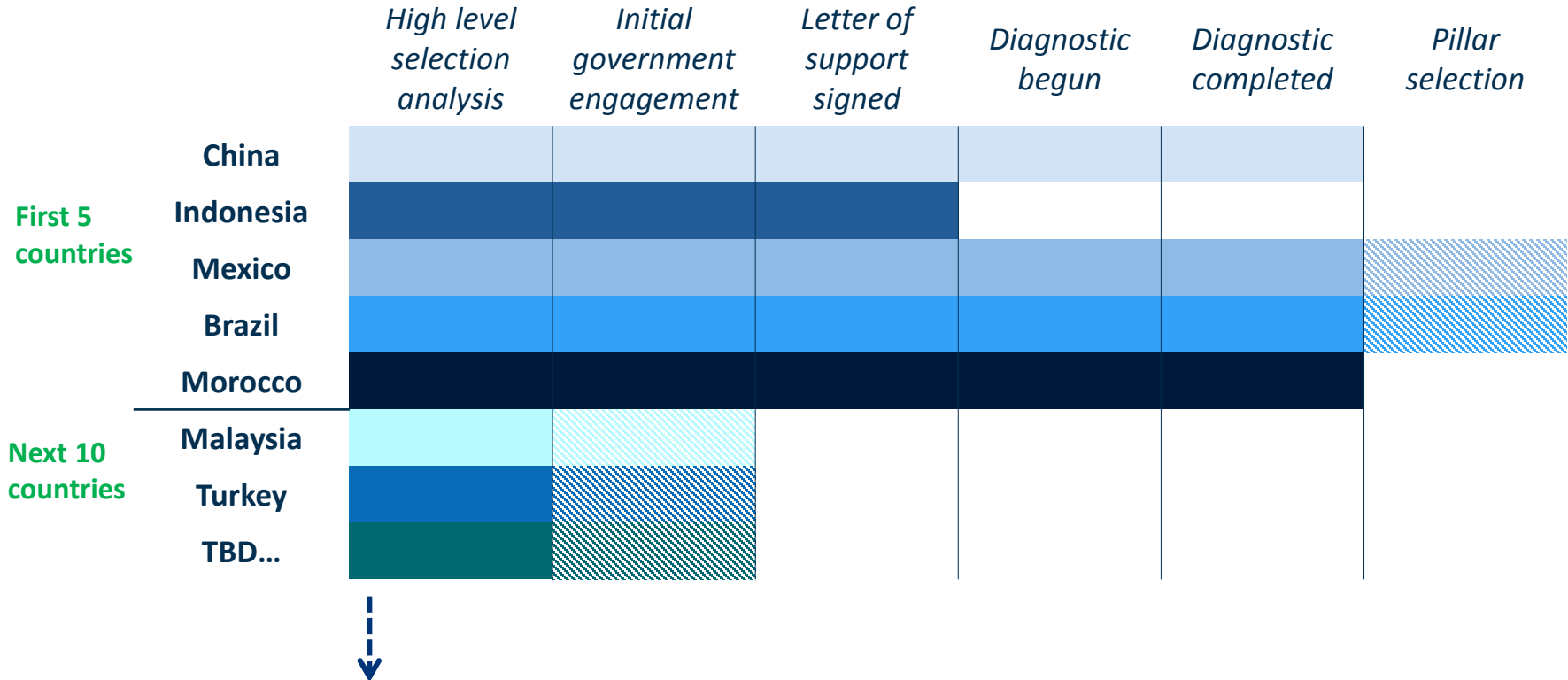
SE4All Industrial Energy Efficiency Accelerator – Diagnostic Tool Manual

A toolkit to support the identification and design of energy efficiency initiatives for industry!

February 2018



Engagement has begun across a number of high impact countries



In China, we have facilitated the development of a number of initiatives with the government

Draft initiatives

1. **Policy** - in-depth study to identify market interventions and government guidance in IEE: clarify roles of market-oriented mechanism and government guidance to improve the internal motivations of energy users in industrial sector
2. **Capacity building** - build China-Global platform to promote and share EE technologies inside and beyond China: create Energy Technology lists (ETL) as useful tools to stimulate market action on energy efficiency
3. **Pipeline creation** - industry diagnostic research, and develop the framework for an Industry Internet: leverage concepts of Big-data and Industry Internet to improve understanding and implementation of energy efficiency
4. **Finance** - TA support to financial institutions on how to conduct 3rd party assessments of energy saving projects: effective assessment support for financial and third-party institutes to appraise and invest in energy efficiency projects



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