

Evaluating Transformative Change in the GEF: Rapid Impact Evaluation of the GEF/UNIDO Energy Efficiency Program in South East Asia

UNEG EPE 2017

Stream 2: "Sustainable development and transformative change"

Panel Discussion

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May 15, 2017

Evaluating Transformative Change at the GEF

- Criteria: transformational interventions are Relevant; Deep/Systemic; Large-scale; and Sustainable.
- Findings on GEF interventions that supported completed transformations:
 - i. Established a *Demonstration and Replication mechanism*;
 - ii. Supported by the *Policy and Economic Environment*;
 - iii. Achieved <u>Financial Sustainability</u> by mobilizing market forces or by eliciting government budgetary allocations.
- Lessons: level of ambition; effective transformational mechanism; quality of implementation and execution; harnessing market forces; size does not matter.



The GEF/UNIDO Energy Efficiency Program in South East (SE) Asia

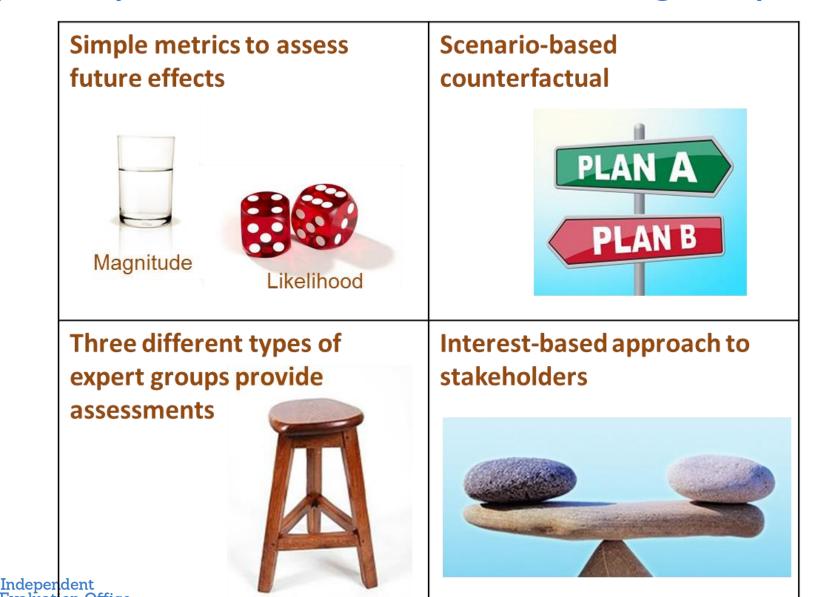
Aim: Assist countries to improve EE in targeted industrial sectors in 5 countries, and extend to other countries in SE Asia

Components:

- i. Support to government for a <u>National Regulatory</u>
 <u>Framework</u> for EE in industries (including ISO 50,000)
- ii. <u>Tools/Training</u> for enterprises on EnMS and SO, and of service providers (equipment, consulting) as well as financial institutions (lending for EE investments)
- *EE Pilots* with national commitments to the number of enterprises adopting EnMS and SO.



Rapid Impact Evaluation - Methodological pillars



Rapid Impact Evaluation - Application

- Aim: Assess the extent of GEF programs delivery of broader and long term impacts through case studies
- How: Iterative design phase, with visits in Washington DC and Vienna, plus missions to 2 out of 5 countries
- Results: GHG emission reduction estimates from the 3 expert groups in each country and from a global panel:
 - Significant energy savings/GHG emission reductions
 - ii. Potential for in-country replication, but replication to other countries unlikely



Concluding remarks

- > RIE proved useful in <u>informing on some criteria</u> of the program potential for transformative results
- > Program design potentially had <u>all the elements</u> for achieving transformational change in EE in SE Asia
- ➤ It was an <u>ambitious</u> and <u>well executed</u> program, and RIE showed the potential for in-country replication
- But the program fell short in describing an <u>effective</u> <u>transformational mechanism</u> to achieve change beyond the 5 countries

