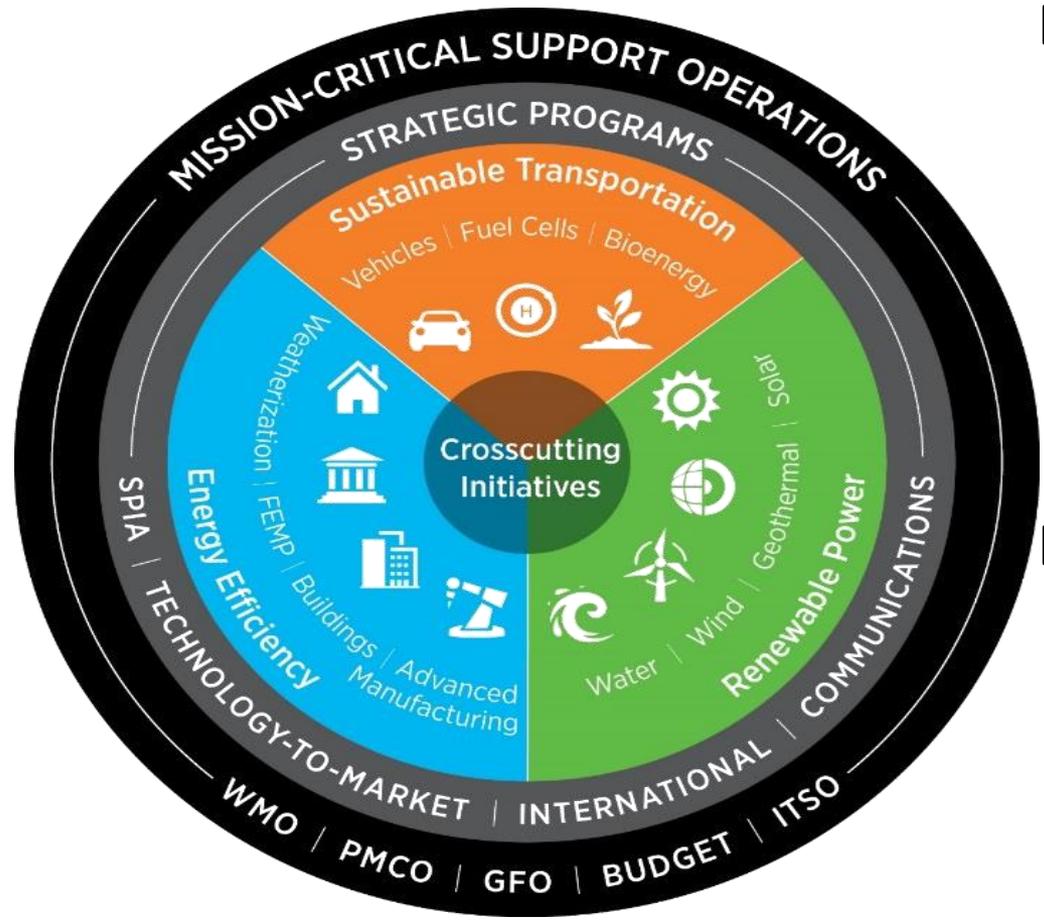


Accelerating Adoption of Energy Efficiency Policies

Asia Pacific Energy Research Centre (APERC) Annual Conference – May 17, 2017



Office of Energy Efficiency and Renewable Energy



EERE Vision

A strong and prosperous America powered by clean, affordable, and secure energy

EERE Mission

To create and sustain American leadership in the transition to a global clean energy economy

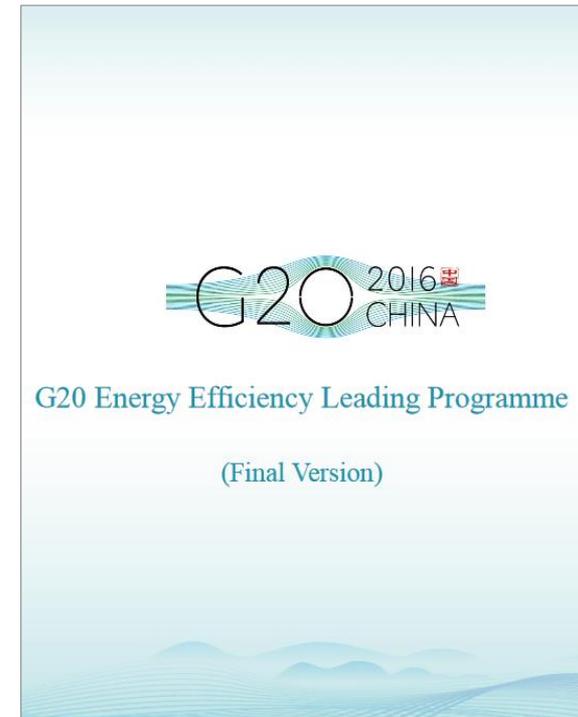
G20 and IPEEC

- Australia (2014)
- Turkey (2015)
- China (2016)
- Germany (2017)

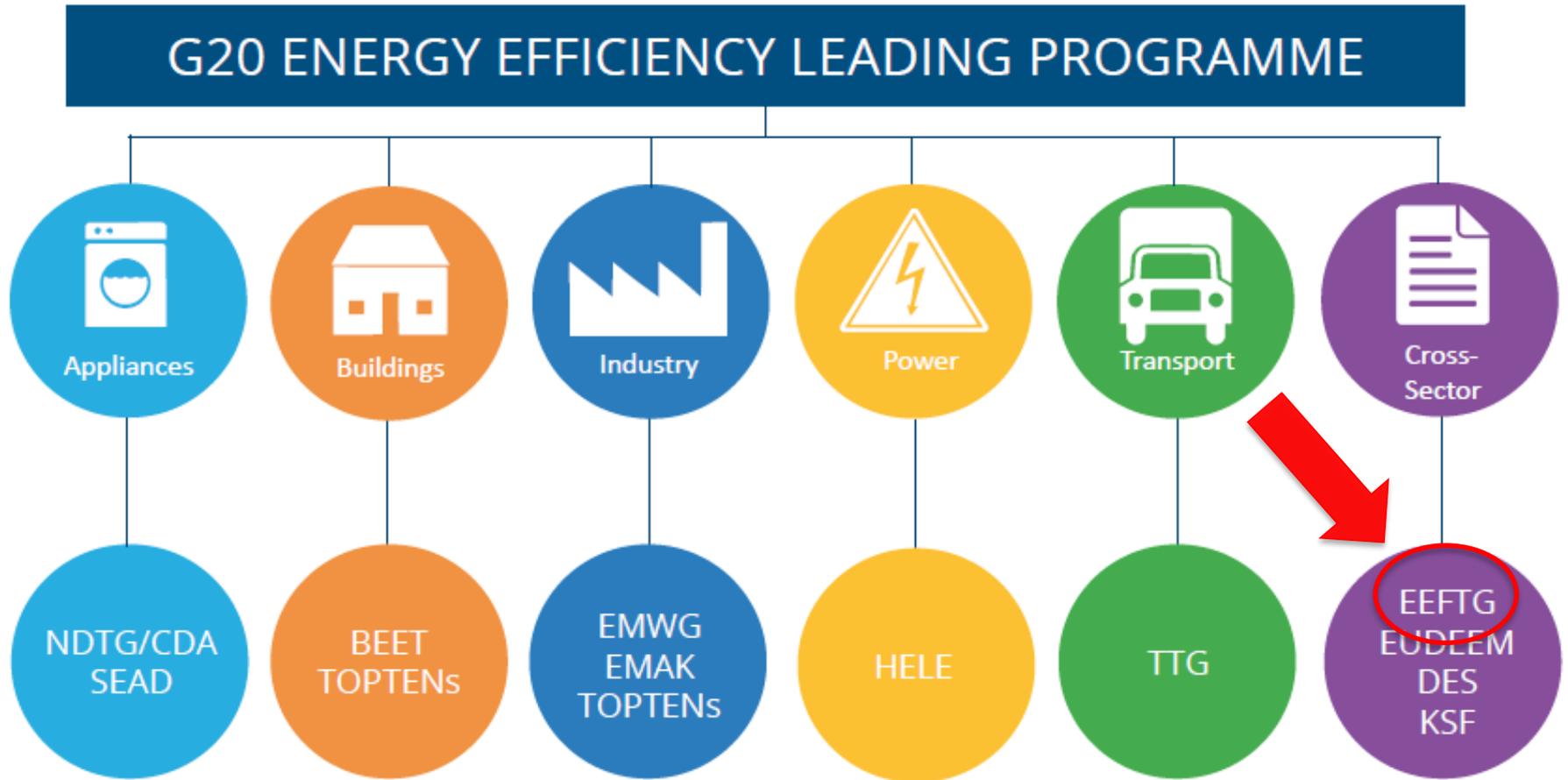


**Report on the
G20 Energy Efficiency Action Plan:
Voluntary Collaboration on
Energy Efficiency
2015 Outcomes of Work Streams**

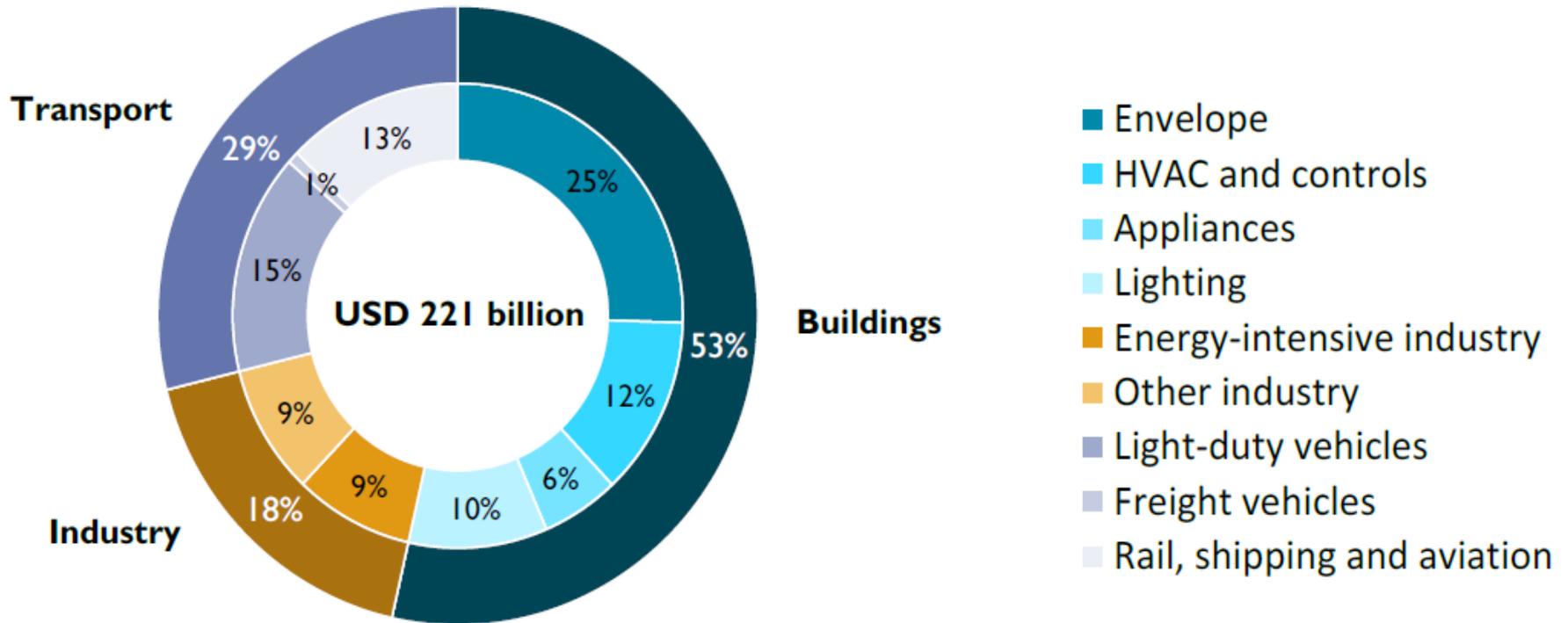
Report to the G20 Energy Ministerial
Istanbul, Turkey, 2 October 2015



G20 Energy Efficiency Leading Program

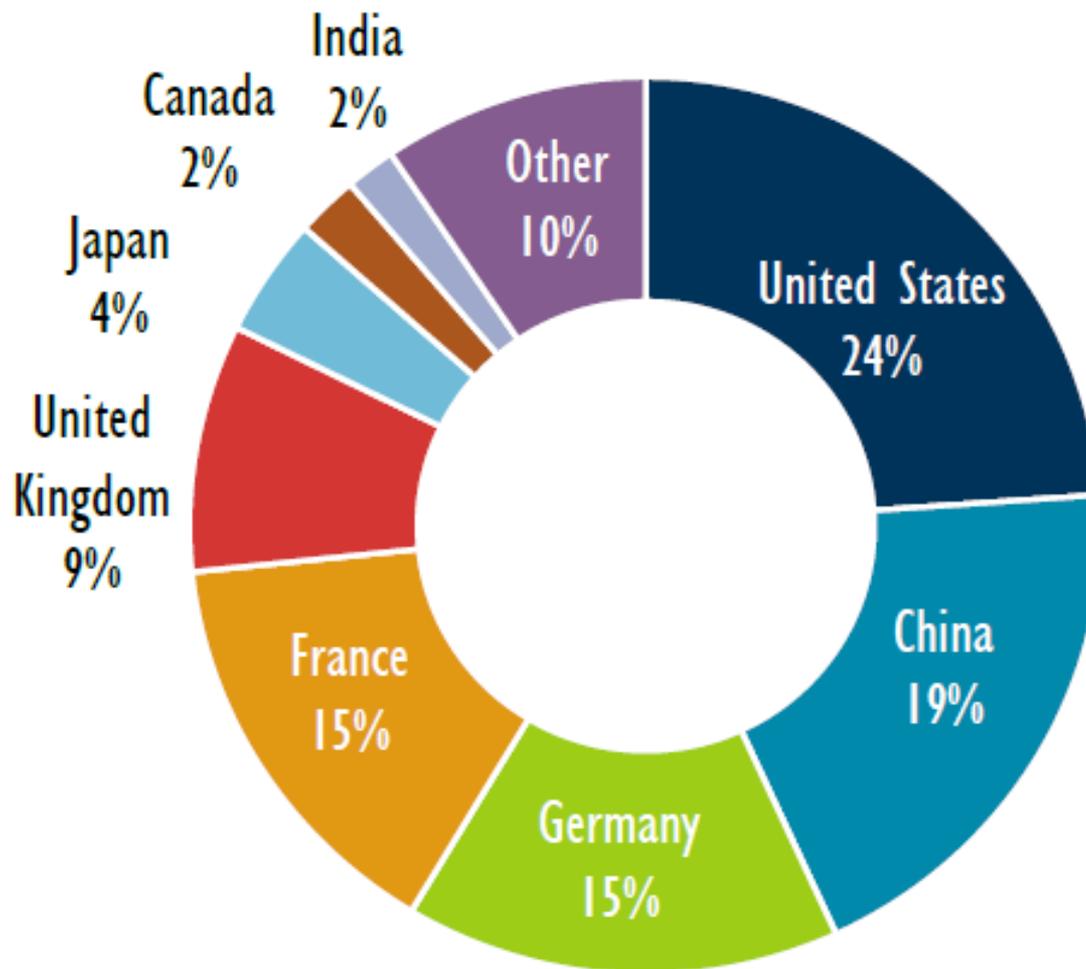


2015 Energy Investments by Sector



Source: [IEA 2016 Energy Efficiency Market Report](#)

Share of Building Efficiency Investments, 2015



Source: [IEA 2016 Energy Efficiency Market Report](#)

G20 Energy Efficiency Finance Task Group (EEFTG): Work & Achievements

Comprised of
15 countries
and co-chaired
by France &
Mexico

In **2016** EEFTG engaged with around **1,200 individuals** through a programme of **18 workshops** or contributions to **G20** and related activities in **Europe, USA, China, and Latin America**

EEFTG global survey generated **140 specific ideas, instruments, approaches, mechanisms, instruments, and practices** shared by **72 experts**

Beijing G20 Energy Ministerial
Communique calls for “upscaling
energy efficiency investment”

Launched campaign to
engage with **122 banks &
asset managers** managing
\$4+ trillion of funds



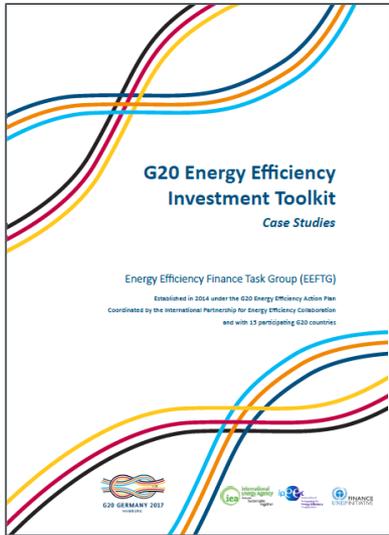
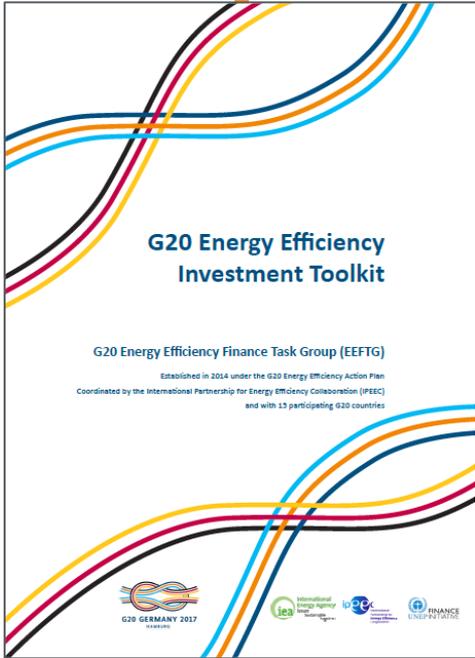
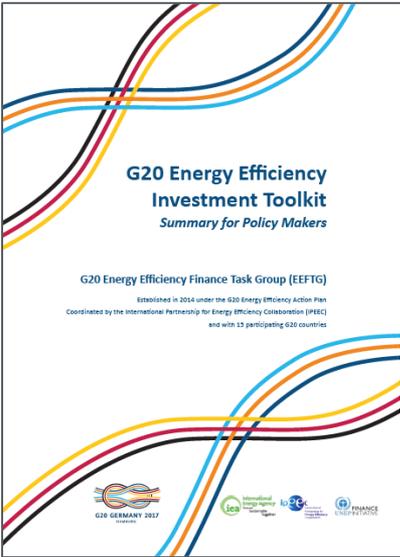
3 Toolkits in 1 to Scale Up Energy Efficiency Investments

G20 EE Investment Toolkit

“10-pager”
for Policymakers

Comprehensive
Toolkit

30x G20 Case
Studies

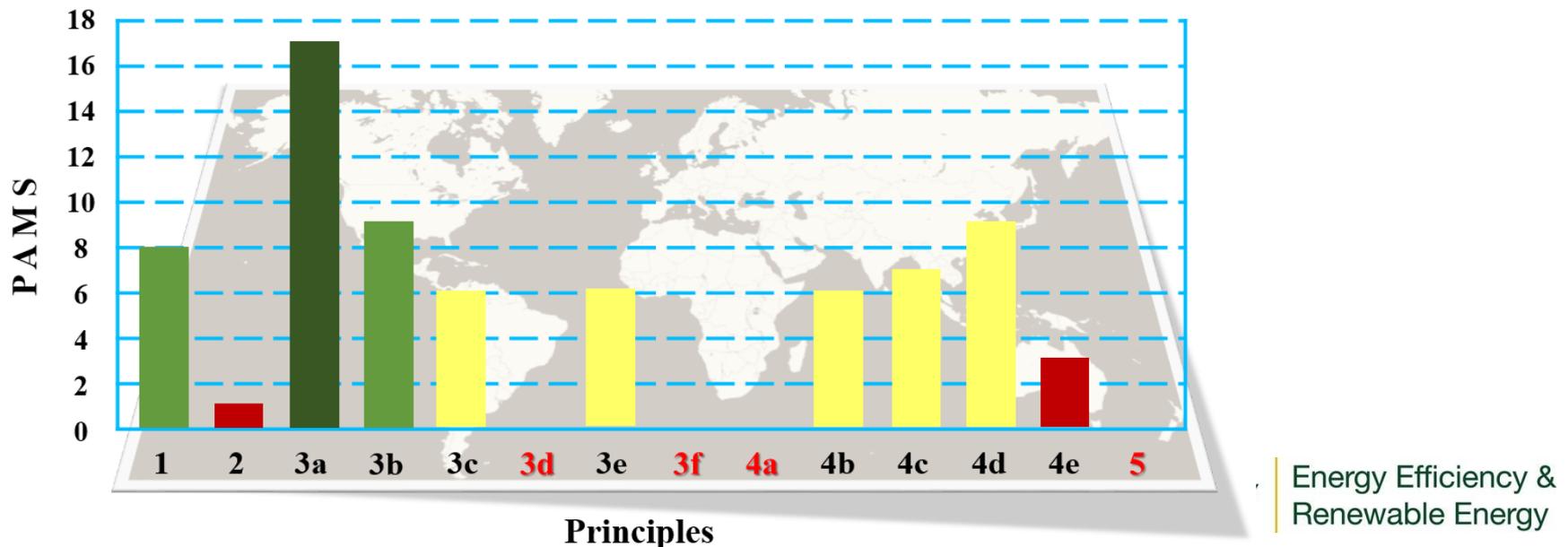


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https://ipec.org/upload/publication_related_language/pdf/621.pdf
https://ipec.org/upload/publication_related_language/pdf/626.pdf

G20 Policy Tools: Voluntary EE Investment Principles (vEEIP) Framework, Databases, and Technical Engagement Workshops

- EEFTG reviewed 2,000 policies in the **IEA's PAMS database**, focusing on **G20 countries**, in combination with the results of its **2016 global expert survey**.
- Then sorted the data by principle and sub-principle of the **vEEIP** for G20 participating countries
 - Attained an approximate view of the **Principles** and **sub-Principles** that are widely implemented in existing policies and **identified the gaps where further progress can be made**

Concentration of PAMS policies in the vEEIP Framework for G20 countries



Private Sector Tools: Collective Statements, Green Tags, Best Practice Surveys, and De-Risking

2016 EEFTG's Bank Survey Key Conclusions:

- a. Well-recognized opportunity
- b. Need awareness raising and supportive policies
- c. Need tracking of energy efficiency finance

G20 Energy Efficiency Investor Statement

Endorsed by investors representing more than

USD 4 trillion!



Public Finance Tools: Joint Statement, Focus Action Framework, Structured Engagement for Development

Framework of Action for Public Financial Institutions and Country Partners to Scale Up Energy Efficiency Investments

1. **Increase Policy-based Lending** to Support Investment Grade **Policy Frameworks** that Require and **Promote EE** and to Drive **“Life-cycle Cost Optimal”** Procurement of Public Infrastructure and Buildings
2. **Increase** the Amount, Availability, Simplicity, and Connectedness of **Technical Assistance/Project Development Assistance Facilities**
3. **Leverage Multiple Retail Distribution Mechanisms**
4. **Energy Efficiency’s Central Role in the Future of Mobility, Smart Grids, and Infrastructure**

Joint G20 Energy Efficiency Statement



U.S. DEPARTMENT OF
ENERGY

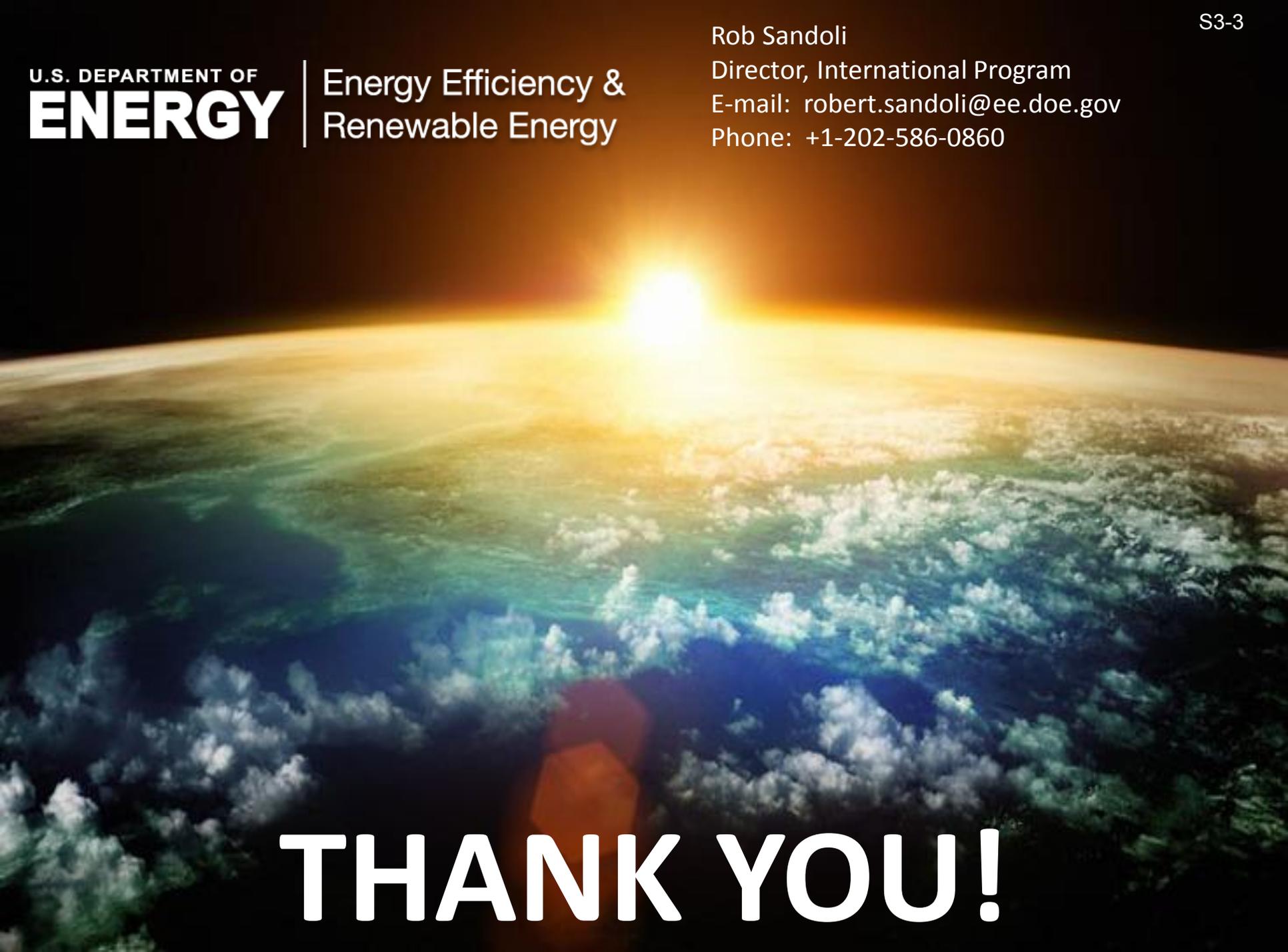
Energy Efficiency &
Renewable Energy

Rob Sandoli

Director, International Program

E-mail: robert.sandoli@ee.doe.gov

Phone: +1-202-586-0860



THANK YOU!

Participation in IPEEC Task Groups

	TTG	NDTG/CDA	EEFTG	BEET	EMWG	EMAK	HELE	TopTens	SEAD	EUDEEM	DES	KSF
IPEEC members												
Argentina	✓		✓							✓		
Australia	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Brazil	✓			✓					✓	✓		
Canada	✓	✓	✓	✓	✓	✓		✓	✓			
European Union	✓	✓	✓	✓	✓	✓			✓			
France		✓	✓	✓				✓		✓		
Germany	✓	✓	✓	✓	✓	✓			✓			
India	✓		✓	✓	✓	✓			✓			
Italy	✓			✓								
Japan	✓	✓		✓	✓	✓	✓	✓	✓			✓
Mexico	✓	✓	✓	✓	✓	✓			✓	✓		
People's Republic of China	✓	✓	✓	✓	✓*	✓	✓	✓			✓	
Republic of Korea		✓	✓	✓	✓	✓		✓	✓			
Russian Federation	✓		✓	✓			✓		✓		✓	
South Africa	✓		✓	✓	✓	✓	✓		✓			
United Kingdom	✓	✓	✓	✓					✓			
United States	✓	✓	✓	✓	✓	✓		✓	✓			
Non-IPEEC G20 members												
Indonesia				✓	✓	✓	✓		✓			
Saudi Arabia				✓	✓	✓			✓		✓	✓
Turkey		✓		✓			✓					
G20 guest countries												
Netherlands		✓										
Norway												
Singapore		✓		✓							✓	
Spain		✓		✓								