



Enhancing Financial Flows for Energy Efficiency Investments

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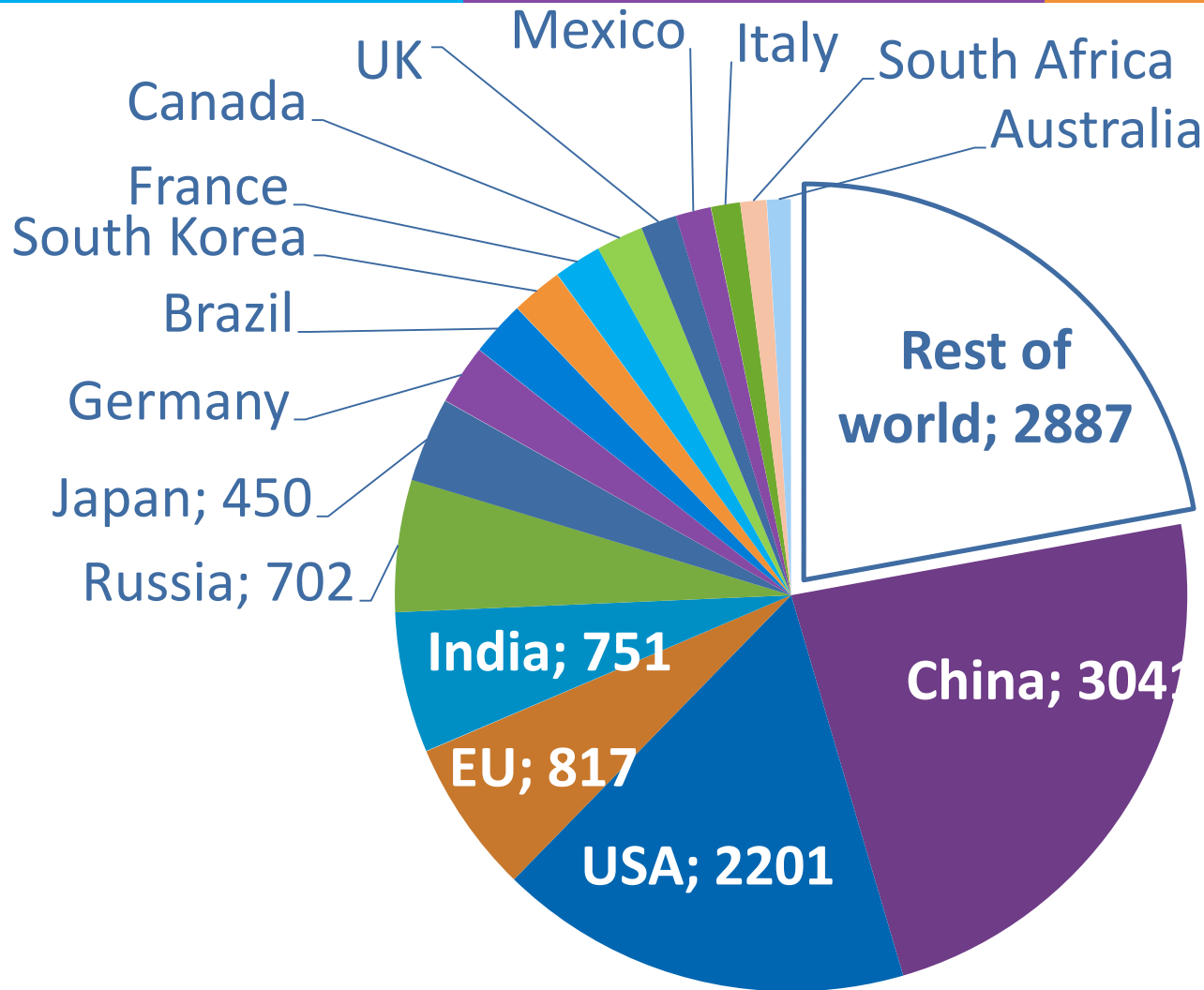
EEFTG – IPEEC – UNEP FI – CESC Practice Webinar

23 February 2016

IPEEC Members are Major Economies



IPEEC Countries : >75% of World Energy Consumption



Global Energy Consumption (Source: IPEEI)

Overview

What?

Why?

How?

Where to next?

G20 Energy Efficiency Action Plan



- **Endorsement:** by G20 leaders in November 2014 - Brisbane, Australia
- **Purpose:** to encourage uptake of energy efficiency policies in major G20 economies
- **Action:** six work streams

The the following countries form the G20 Energy Efficiency Finance Task Group:

Finance

Enhancing capital flows to energy efficiency investments



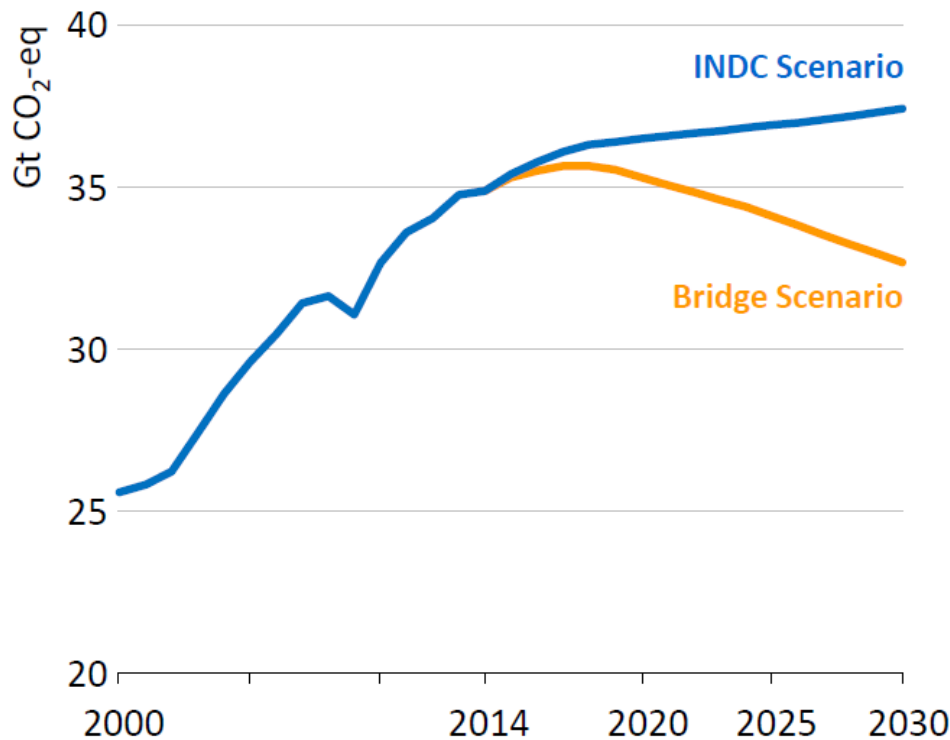
co-chaired by

13 countries

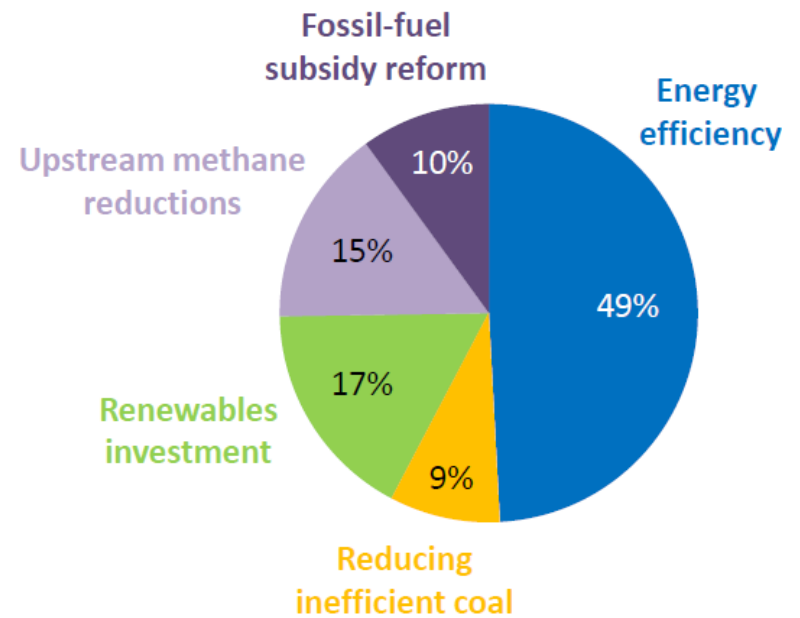


Why?

Global energy-related GHG emissions



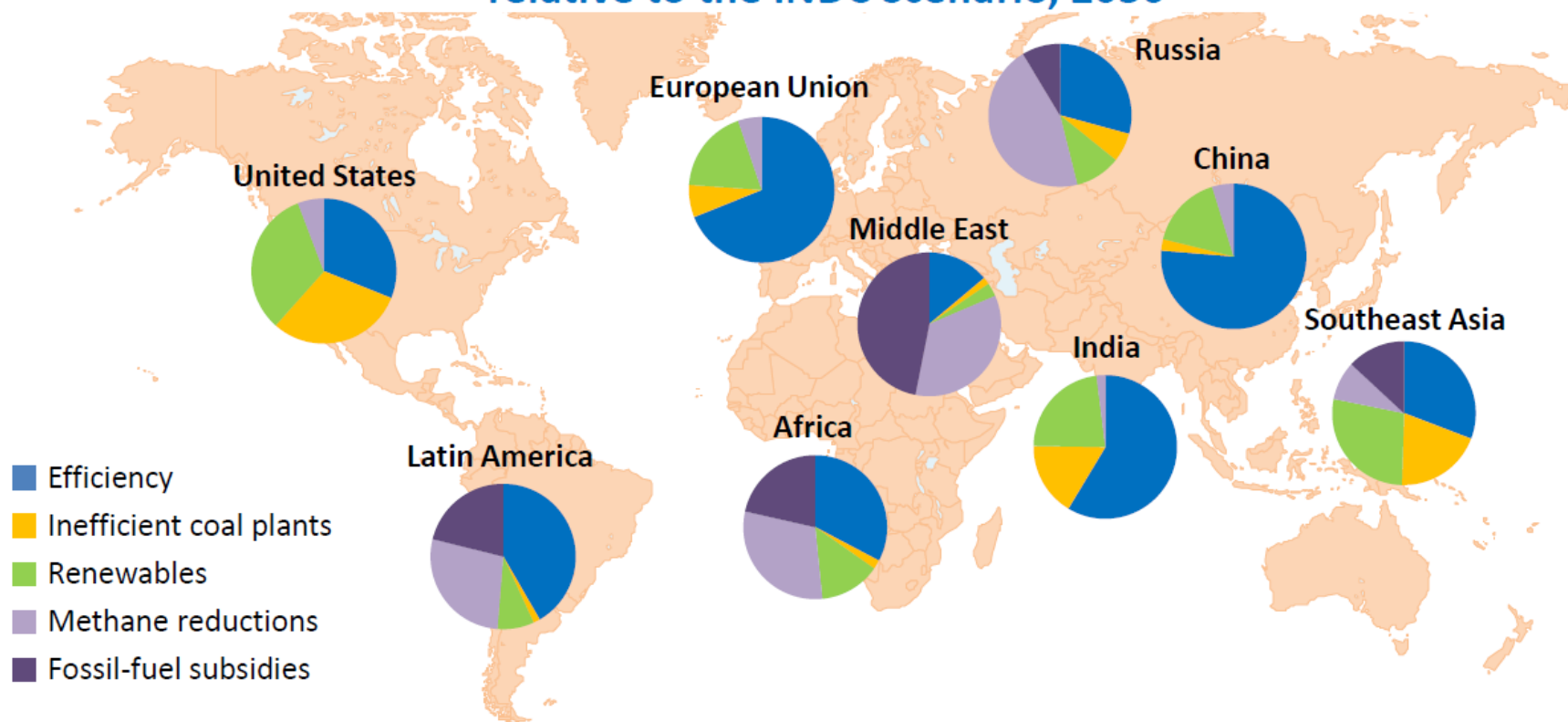
Savings by measure, 2030



Five measures – shown in a “Bridge Scenario” – achieve a peak in emissions around 2020, using only proven technologies & without harming economic growth

Peak Emissions: Bridging strategy is flexible across regions

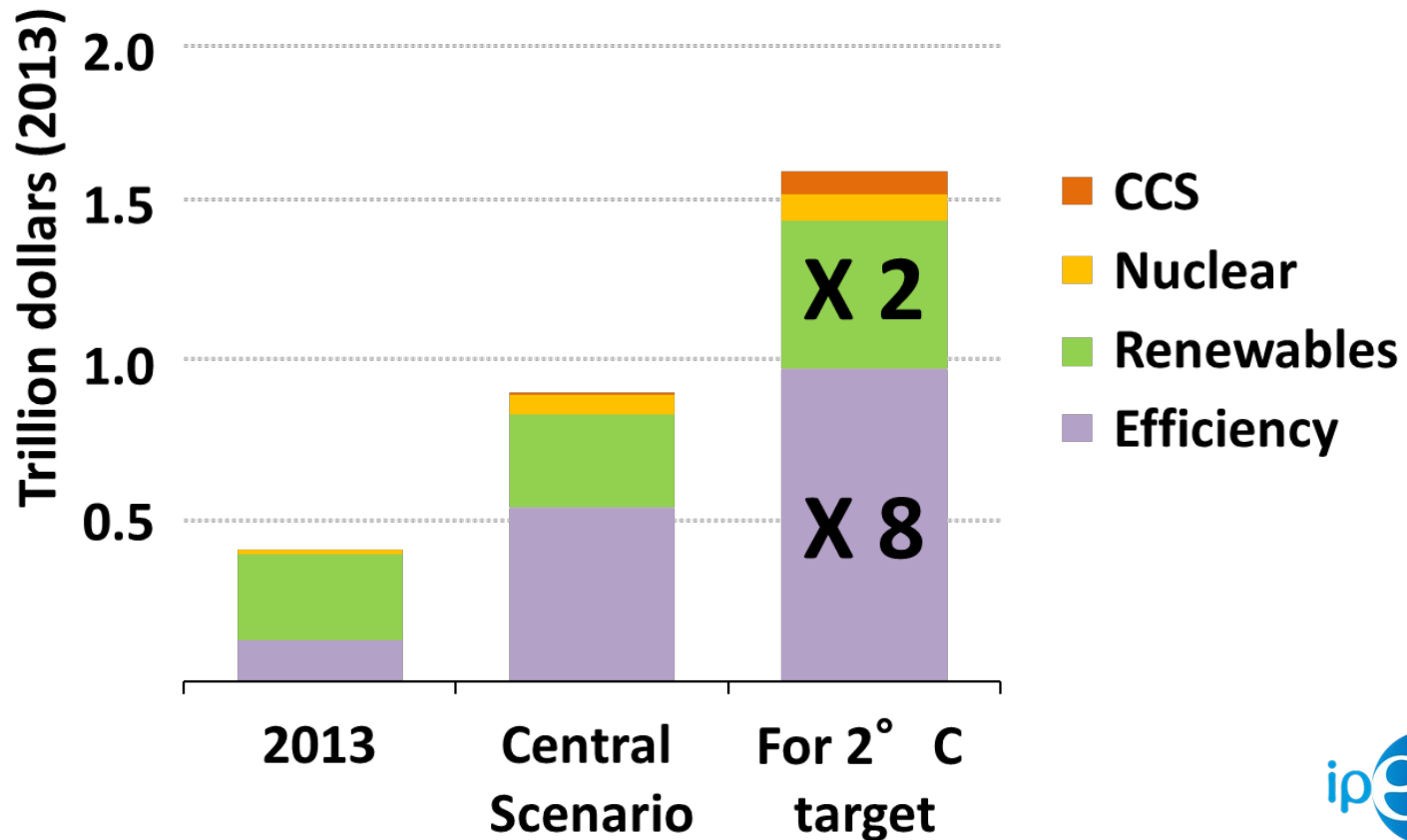
GHG emissions reduction by measure in the Bridge Scenario,
relative to the INDC Scenario, 2030



The measures in the Bridge Scenario apply flexibly across regions, with energy efficiency and renewables as key measures worldwide

...and the \$ \$ \$ needed

Average annual low-carbon investment, 2014-2040



Outcome of G20 Energy Ministerial

‘We [the G20 Energy Ministers] welcome the Report on the Voluntary Implementation of the Energy Efficiency Action Plan prepared by IPEEC in cooperation with other international organizations and participating countries of the workstreams. [...] We welcome the Voluntary Energy Efficiency Investment Principles for G20 participating countries.’

Consultation & Progress in 2015

Consulted with over 180 experts

Held 5 workshops across the world

Brought all stakeholders together in one platform

Developed Energy Efficiency Principles
G20 participating countries

Published 2015 Activity Report

Built consensus amongst G20 economies

Proposed Energy Efficiency Investment Principles I

1. **Recognise** Importance of Energy Efficiency as an Economic and Development Priority.
2. Encourage countries to consider both supply and demand side investments in a **balanced way**

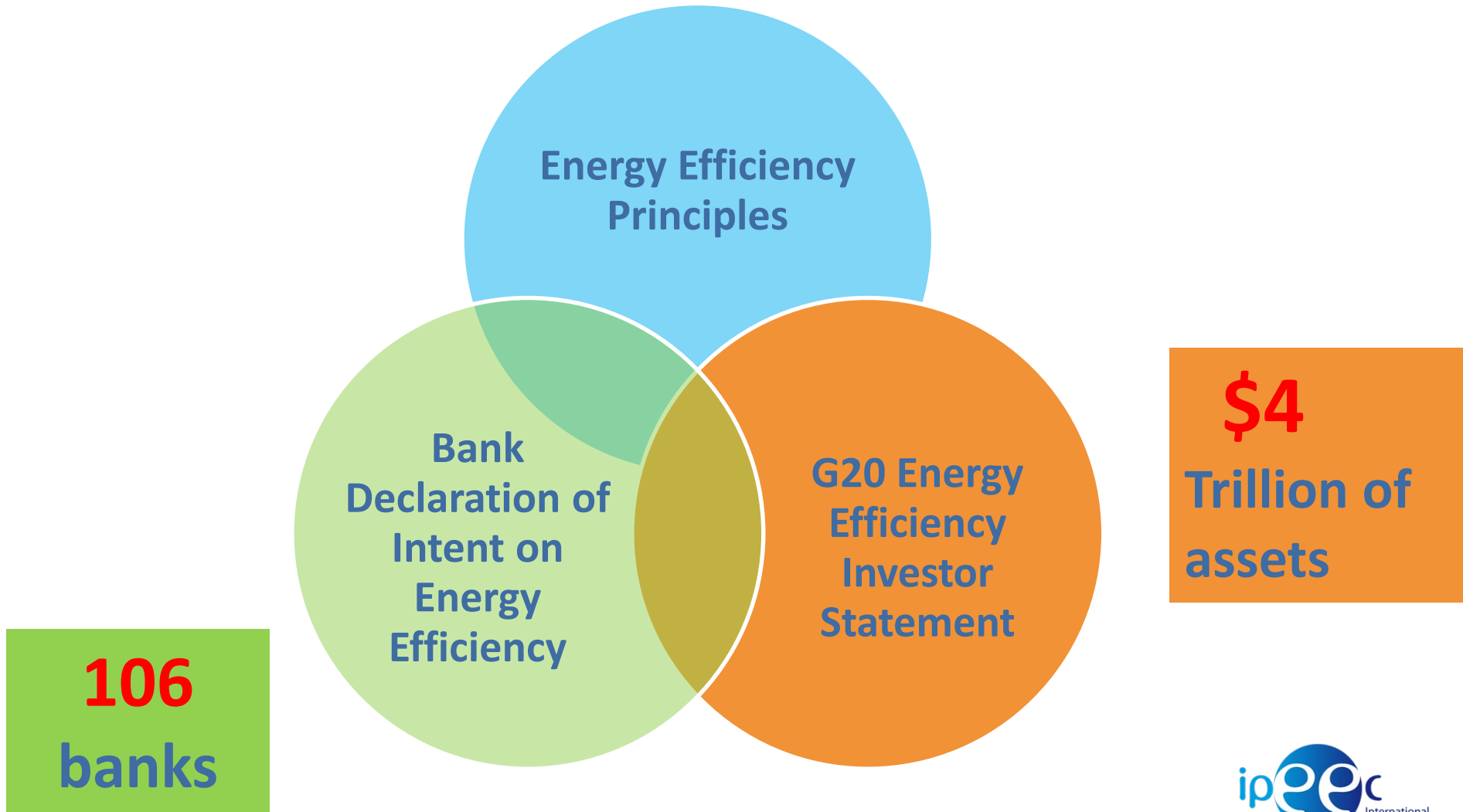
Proposed Energy Efficiency Investment Principles II

3. Country-level review of measures and policies that **stimulate demand** for energy efficiency investments
4. Collaboration to unlock barriers that prevent the **supply of finance** for energy efficiency investments

Proposed Energy Efficiency Investment Principles III

5. **Build Capacity** within Public and Private Financial Institutions for Energy Efficiency Investments.

Stronger together



Bank Statement on Energy Efficiency

- Channel finance
- Recognise opportunities
- Provide finance
- Scale up
- Track deployment
- Embed EE investment principles
- Guide clients
- Work together
- Share experience

Over 100 banks mobilized globally at COP21 to increase the financing of energy efficiency

ABN AMRO
ACBA - Credit Agricole Bank
ACCESSBANK
Agjencioni Per Financim NE Kosove
AKBank
Ameriabank
Armswissbank
ASN Bank
Bai Tushum & Partners
Banamex
Banca Transilvania
Bancolumbia
Bancompartir
Bank Eskhata
Bank Millennium
Bank of Georgia
Bank of India
Bank of Valletta
Bank Republic
Basisbank
BBVA
Belgazprombank
Belvnesheconombank
BMCE Bank of Africa
BNP Paribas
Bpifrance
BPS-SBERBank

BRAC Bank Limited
BRD - Groupe Societe Generale
CASA DE Economii SI Consemnatiuni
CenterInvest Bank
CIBanco
Connecticut Green Bank
Crédit Agricole
Crédit Coopératif
Crédit Foncier
CREDO
Daegu Bank
Demir Kyrgyz International Bank
Demirbank
DenizBank
Desjardins Group
Ecobank
Erste & Steiermarkische Bank
Eurobank
Firstrand
Garanti Bankasi
Garanti Leasing
Halkbank Skopje
Hana Bank
HSBC Bank Armenia
Humo MDO
IDLC Finance Limited
Imon International

Industrial Bank
ING Group
Kyrgyz Investment and Credit Bank
La Banque Postale
Megabank
Microinvest
Minsk Transit Bank
Mobiasbanca
Moldincombank
Moldova Agroindbank
Mutualista Pichincha
National Bank of Egypt
NLB Tutunska Banka A.D. Skopje
NRW Bank
Ohridska Banka A.D. Ohrid
OTP Bank Romania
Pireaus Bank
Procredit Group
Raiffeisen Bank Aval
Raiffeisen Bank D.D. Bosnia and Herzegovina
Raiffeisen Bank Romania
SEF International Universal Credit Organization
Şekerbank

Shinhan Bank
Slovenska Sporitelna
Societe Generale Group
Societe Generale Banka AD Beograd
State Export Import Bank of Ukraine
Sudameris Bank
Sumitomo Mitsui Trust Holdings
Tatra banka
Triodos Bank
TuranBank
Türkiye İş Bankası
Türkiye Sinai Kalkinma Bankasi
UK Green Investment Bank
Ukrsibbank
Unibank
Unicredit Bank DD Mostar
Unicreditbank Serbia
Unicredit Bulbank
Unicredit Tiriac Banka
United Bulgarian Bank
Vakiflar Bankasi
VTB Georgia
Xac Bank
Yapı ve Kredi Bankasi
YES Bank
Zagrebicka Banka



European Bank
for Reconstruction and Development



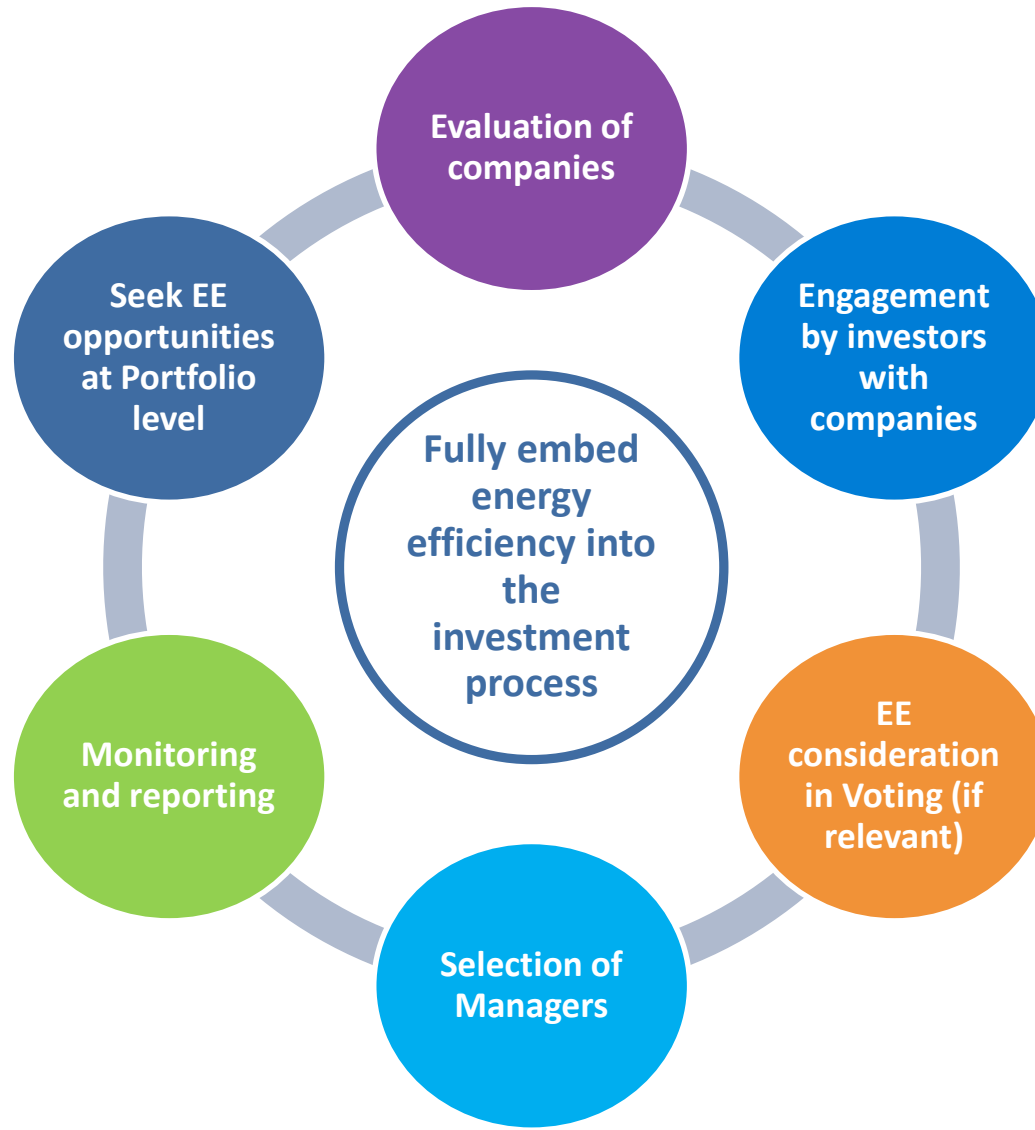
FINANCE
UNEP INITIATIVE

WE



da
International Partnership for
Energy Efficiency
Cooperation

Energy Efficiency Investor Statement



Investors managing close to USD 4 trillion signed the Energy Efficiency Investor Statement

AFL-CIO

alecta

Amundi
ASSET MANAGEMENT

FÖRSTA AP-FONDEN

Andra AP-fonden
Second Swedish National Pension Fund - AP2

AP3 Tredje AP-fonden

FJÄRDE AP-FONDEN
Fourth Swedish National Pension Fund



Sjätte AP-fonden

australianethical
ASSET MANAGEMENT

AVIVA INVESTORS

INVESTMENT MANAGERS

BOSTON COMMON
ASSET MANAGEMENT

GRUPE Caisse des Dépôts

CALSTRS
HOW WILL YOU SPEND YOUR FUTURE?

Calvert INVESTMENTS

CANDRIAM
INVESTORS GROUP
A NEW YORK LIFE COMPANY

cbus

Church of Sweden

ECOFI INVESTISSEMENTS

Environment Agency Pension Fund

RFP
Retraite
obligatoire de la fonction publique

First Affirmative
Financial Network, LLC

generation

Handelsbanken Asset Management

HERMES
INVESTMENT MANAGEMENT

Humanis
Protéger c'est s'engager

inflection point
CAPITAL MANAGEMENT

Southwark Council

mirova
Responsible Investing

NATIXIS
ASSET MANAGEMENT

PAXO
Pax World Management LLC

ROBECO
The Investment Engineers

sonen capital

storebrand spp

TORONTO ATMOSPHERIC FUND

TRILLIUM
ASSET MANAGEMENT

Triodos Investment Management

Walden Asset Management
Celebrating 40 Years of Impact

WHEB Group

UNEP FINANCE INITIATIVE

PRI Principles for Responsible Investment

Ceres

WE MUST CAN WILL

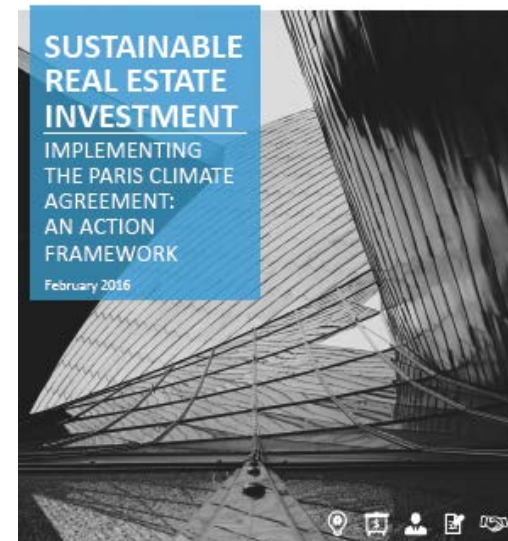
Lima-Paris Action Agenda

Energy Efficiency Investor and Bank Statements

- Remain open for additional signature to accompany the G20 work, and until COP22,
- 2016: Increasing the number of institutions involved, and developing content

2016: Disseminating key tools for energy efficiency investments

- **Webinars on Energy Productivity Index for Companies** in six industrial sectors developed by ClimateWorks Australia/Foundation in collaboration with CalSTRS
- **Sustainable Real Estate Investment (UNEP FI, RICS, IIGCC, IGCC, INCR, PRI): Implementing the Paris Climate Agreement an Action Framework for investors**



2016 Development: Engaging with insurers on energy efficiency

- Working with UNEP FI Principles for Sustainable Insurance (PSI Initiative), the largest group of insurers on sustainability
- PSI = close to 100 insurers representing approx. 20% of world premium volume and USD 14Tr of assets managed
- **First global stock taking of insurers' activities on energy efficiency planned in 2016**

Where to next?

2015

**Development of
Principles**



2016

**Application and
implementation**

2016 Work Plan

1. Build an implementation framework for the ‘Voluntary Energy Efficiency Investment Principles for G20 Participating Countries’
2. Broaden and deepen engagement of private financial institutions to finance more energy efficiency (investors, banks and insurers)
3. Mobilize International Financial Institutions (IFIs) to support energy efficiency capacity building, investment and finance

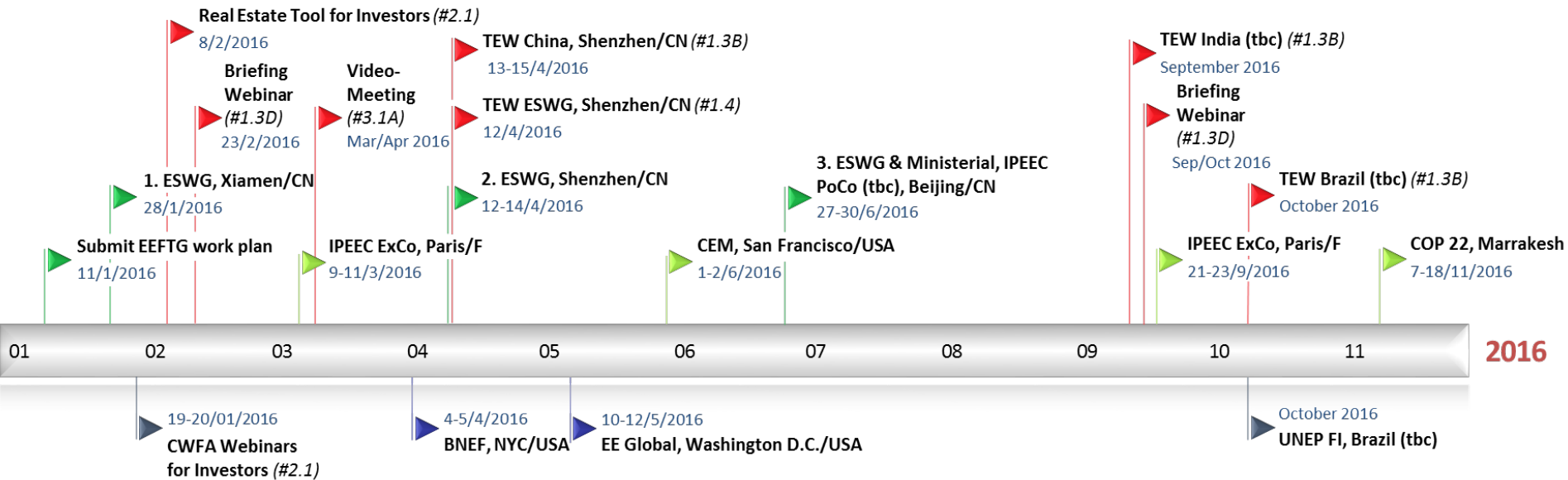
2016 Timeline

-THIS EEFTG TARGET WORK PLAN IS SUBJECT TO EN ROUTE CHANGES AND AVAILABLE RESOURCES-

Dates to keep in mind in 2016

(as of 01/03/2016)

- Dark Green** = G20 Meetings
- Red** = EEFTG 2016 standalone activities (indicative), incl. task no.
- Light Green** = Multilateral Meetings
- Blue** = stakeholder/experts, cross-sectoral events
- Grey** = activities of Partners strongly relevant



Key next steps

- February/March: Survey to identify best practices for the implementation of the Energy Efficiency Investment Principles among countries
- April: EEFTG Workshop ‘Boosting Energy Efficiency Investments’ will be held on the margins of the second G20 ESWG meeting

Thank You

G20 Energy Efficiency Finance Task Group

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Information: ipeec.org/EEFTG