



Accelerator Platform Offer



COPENHAGEN CENTRE
ON ENERGY EFFICIENCY
SE4ALL EE HUB

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Efficacité énergétique dans les villes
19-20 Octobre 2015
Dakar



Copenhagen Centre for Energy Efficiency (C2E2)

SE4ALL Hub for Energy Efficiency

Overview

The Copenhagen Centre on Energy Efficiency (C2E2) is a research and advisory institution dedicated to accelerating the uptake of energy efficiency policies, programmes and actions globally.

C2E2 serves as the **Energy Efficiency Hub of the Sustainable Energy for All** (SE4ALL) Initiative. The Centre's prime responsibility is to support SE4ALL's objective of **doubling the global rate of energy efficiency improvement by 2030**.

Work Paths:

- Accelerated adoption of energy efficiency policies, programmes and actions at national and sub-national level
- Support for Integrated Policy and Investment Roadmaps for SE4ALL
- Technical assistance designed to mobilise and grow local concepts, activities in energy efficiency
- Get projects to an operational, investible stage

Who do we work with?



Key action areas

**Capacity building
in target markets**

**Private sector
engagement**

**Championing EE
and SE4ALL
objectives**

**Project launch +
upscale**

**Knowledge + data
capture**

Global Energy Efficiency Accelerator Platform

Multi-stakeholder partnership under
SE4ALL Initiative

Sustainable Energy for All

One Goal:

Achieving Sustainable Energy for All by 2030

Three Objectives:



ENSURING
universal access
TO MODERN ENERGY
SERVICES.



DOUBLING THE GLOBAL
RATE OF IMPROVEMENT IN
*energy
efficiency.*



DOUBLING THE SHARE OF
renewable energy
IN THE GLOBAL
ENERGY MIX.

Sustainable Energy for All

SE4ALL EE Accelerator Platform — supported
by the Global Environment Facility (GEF)



Energy Efficiency Accelerators

The Accelerator Platform was established to support specific sector-based energy efficiency accelerators (+ Power Sector and Finance)

Lighting

Global market transformation to efficient lighting



Appliances & Equipment

Global market transformation to efficient appliances & equipment



Vehicle Fuel Efficiency

Improve the fuel economy capacity of the global car fleet



Buildings

Promote sustainable building policies & practices worldwide



District Energy

Support national & municipal governments to develop or scale-up district energy systems



Industry

Implementing Energy Management Systems, technologies & practices





Building Efficiency Accelerator



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SUSTAINABLE
ENERGY FOR ALL

BEA Goal + key verticals

Goal: to double the rate of energy efficiency improvement by 2030
in each participating jurisdiction

BEA Verticals

Focus on Cities
and Sub-national
Jurisdictions

Public-Private
Partnership

Policy & Project
Development

Partners

Coordinating partner:



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Cities: Mexico City, Milwaukee, Toyama, Warsaw

NGOs/Associations:

Global Buildings Performance Network
Global Green Growth Forum
ICLEI
UN Environment Programme
UN Foundation
US Green Building Council
World Business Council for Sustainable Development
World Green Building Council

Companies:

Accenture
Alstom
China Energy Conservation and Environmental Protection Group (CECEP)
Danfoss
Johnson Controls
Philips
Saint-Gobain
TECNALIA

What are cities signing up to do?

Overarching commitment

double rate of building energy efficiency by 2030
in targeted sectors within the jurisdiction

Implement one enabling **policy** and one demonstration **project** to be announced at COP21 in Paris

Interventions

Create a **baseline** of building energy efficiency performance

Baseline

Track, report annual progress, and **share experiences** and best practices with other governments

Tracking + communication

Menu of Policies for Building Efficiency

Codes & Standards	<ul style="list-style-type: none">• Building codes to establish minimum requirements of energy performance.
Targets	<ul style="list-style-type: none">• Targets to align interests and spur action to improve efficiency in the building sector.
Performance Info & Certifications	<ul style="list-style-type: none">• Data, baselines, disclosure and certifications for market differentiation of building performance or attributes.
Finance & Incentives	<ul style="list-style-type: none">• Programs and incentives to provide funding to building efficiency improvements.
Government Leadership	<ul style="list-style-type: none">• Programs to support government efficiency, including public building retrofits and innovative procurement.
Utility Actions	<ul style="list-style-type: none">• Planning and programs by utility companies for energy efficiency improvement.
Efficiency Industry & Workforce Capacity	<ul style="list-style-type: none">• Market development and skilled workforce for private providers of building construction, services & equipment
Building Owner & Occupant Actions	<ul style="list-style-type: none">• Building operations, occupant behavior.

New national and sub-national partners are welcome!

For more information or to join as a partner, contact C2E2 or WRI Ross Center for Sustainable Cities



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SUSTAINABLE
CITIES

DISTRICT ENERGY IN CITIES



District Energy Accelerator

Partners and supporters of the Initiative



Scope of activities

Leveraging the partnerships and expertise

**5 International
Organizations**

**6 Industry
Associations**

**8 Private Sector
Companies**

**27 Local and National
Governments**

Technical Assistance

Pre feasibility and feasibility studies.
Metering equipment.

Demonstrations activities

Local planning policies.
Local and national support programmes.
Regulatory frameworks.
Tariff structures.

Successful Market Transformation

Awareness raising

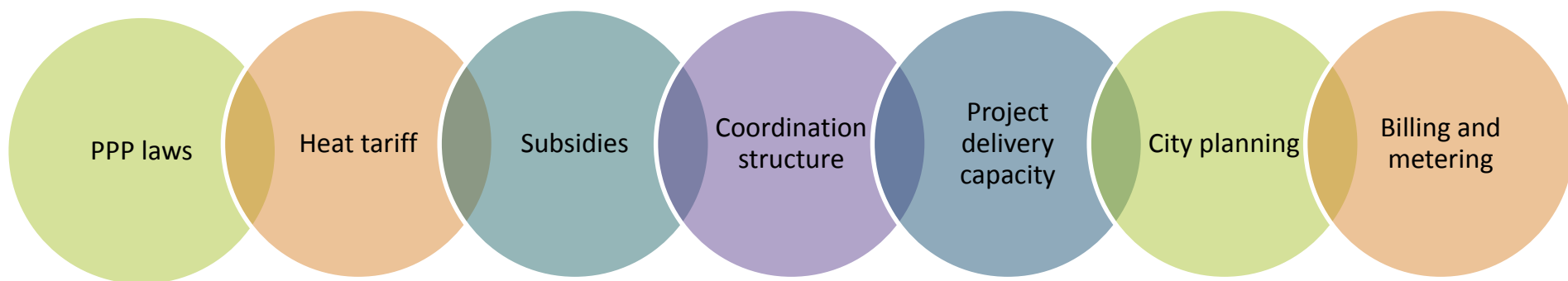
Study tours
Assistance in negotiations.
Public consultations.

Capacity Building + Knowledge Transfer

Best practice sharing.
Training workshops.
Heat planning.
Local coordination development

Key Findings: Piloting Policies

- Coordination between national and local government is key to ensuring replicable projects
- Pilot projects can provide lessons for national policy and lateral replication





en.lighten

Efficient Lighting for Developing and Emerging Countries

Lighting Efficiency Accelerator



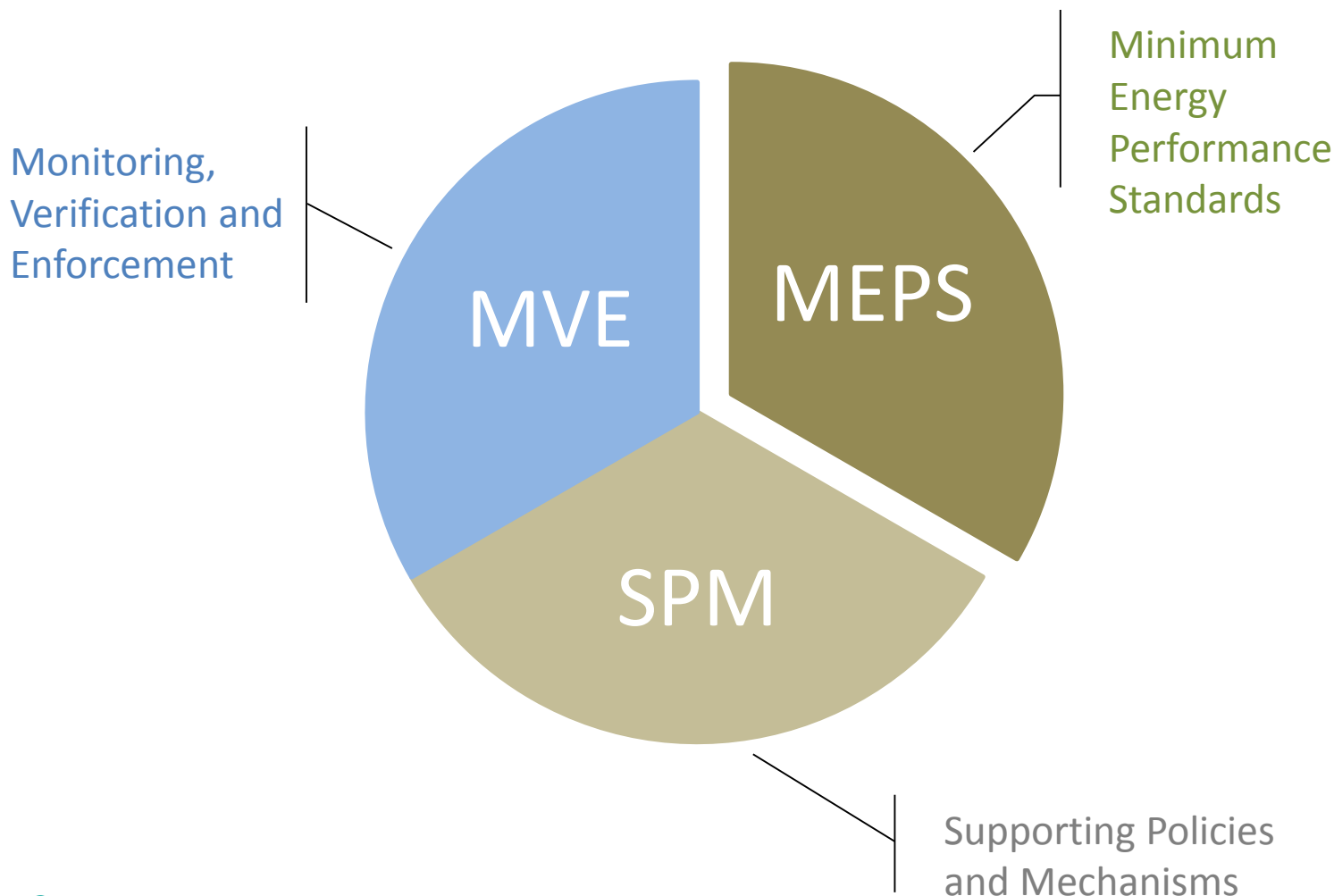
en.lighten initiative: UNEP



- Established 2010
- Public-Private Partnership
- Incandescent lamp phase-out
- 67 country partners
- National/Regional Efficient Lighting Strategies
- SE4ALL high impact activity
- 2,4 TWh reduced electric consumption in ECREEE



Integrated Policy Approach





Vehicle Fuel Efficiency Accelerator



GLOBAL FUEL ECONOMY INITIATIVE
www.globalfuelconomy.org

Global Fuel Economy Initiative

Six core partners: FIA Foundation, UNEP, IEA, ITF, ICCT and UC Davis, financial support from FIA Foundation, GEF and EU

GFEI recognized as leading initiative in energy and climate reports and discussions

THE GFEI FUEL ECONOMY TARGETS

From 2005 baseline:

30%

reduction in L/100km by 2020 in
all new cars in OECD countries

50%

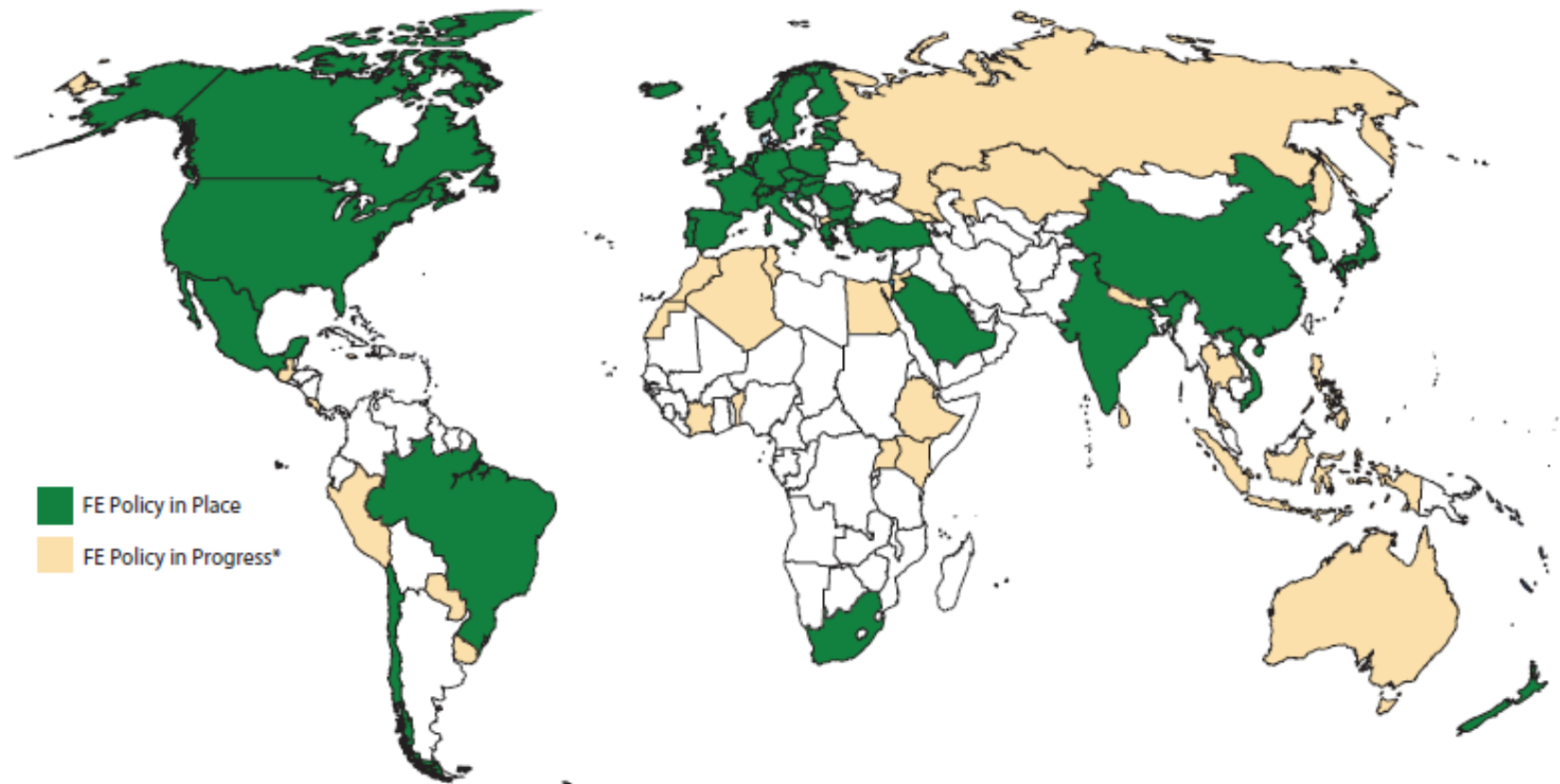
by 2030 in all new cars globally

50%

by 2050 in all cars globally

Support for other non-OECD countries is critical in order to achieve GFEI target

Global Progress on Fuel Economy Policy (2015)



* GFEI partners are involved in supporting all these countries except in Brasil
June 2015 - For more information visit www.globalfuelconomy.org

Global Fuel Economy Initiative (GFEI)

GFEI's OFFER FOR COP21



100
FOR 50BY50
SAFE CLIMATE AND
CLEAN AIR AT COP21

"By COP21, we will have about 100 countries committed to doubling fuel efficiency in their light-duty vehicle fleet. By COP21, we hope to announce additional support from the EU and the GEF to further strengthen the GFEI."



OTHER GFEI SUPPORTERS



Merci and keep in touch please!

www.energyefficiencycentre.org

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