



**GOBIERNO
FEDERAL**

Climate Change actions in MEXICO

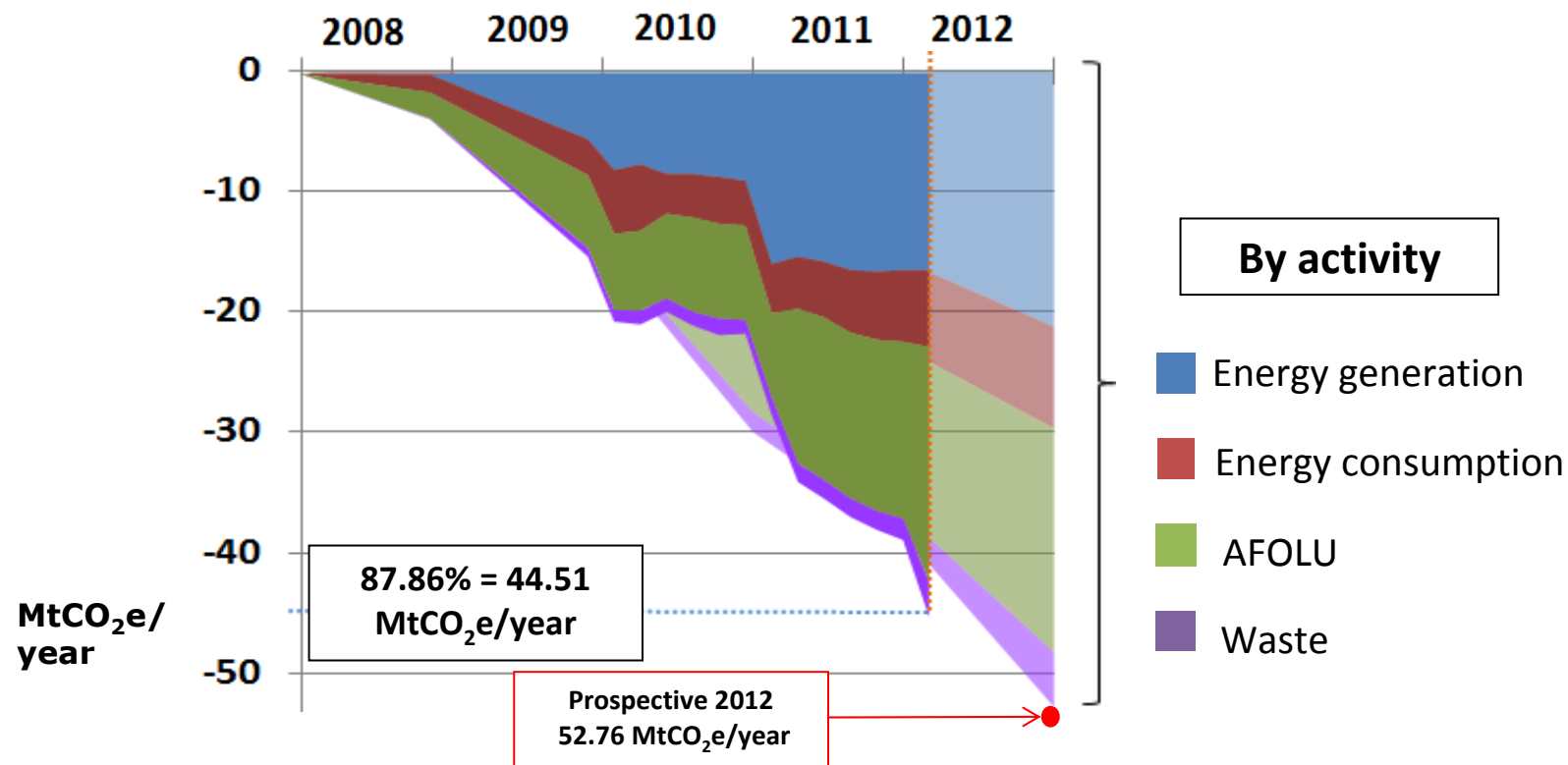
*Secretary of the Environment
and Natural Resources*
(Semarnat)

May, 2012

Special Programme on Climate Change (PECC), 2009-2012: *Advances in meeting GHG mitigation targets*

As of March 2012:

- Achieved: Mitigation of 44.51 MtCO₂e/year.
- ✓ 87.86% advance, with respect to 2012 target (**50.66 MtCO₂e/year**).



Independent evaluation of the PECC:

Mexican Institute for Competitiveness (IMCO) and DNV (1/2)

Objectives

- ✓ **Uncertainty in mitigation achieved** (confidence intervals)
✓
- ✓ **Traceability of information**
- ✓ **Impact of the PECC on public policy**

Scope of analysis

- ✓ **20 targets** representing 78% of GHG mitigation in the PECC (39.5 MtCO₂e)
- ✓ **105 adaptation measures**, representing 74% of the total

Recommendations

to improve transparency and certainty in the PECC monitoring system.

* Climate Change Mainstreaming Agenda Information System (Sistema de Información de la Agenda de Transversalidad)

Source:

IMCO.- Det Norske Veritas (DNV). Evaluación externa del PECC. México. 2011.

Independent evaluation of the PECC: *Mexican Institute for Competitiveness (IMCO) and DNV (2/2)*

Main results

✓ With 80% confidence, the PECC will mitigate between 29.5 and 48.4 MtCO₂e (in 20 targets*, representing a mitigation of 39.5 MtCO₂e).

Mitigation:

✓ Satisfactory: 3.26 points (maximum is 4).

Adaptation:

✓ 74% of targets traceable to a baseline document.

✓ The PECC implies a significant change in public policies.

Recommendations

Uncertainty

- Adjust methodologies and/or improve the data bases used.

Traceability

- Public version of the mainstreaming reporting system.
- Compile data base including source documents relating to baselines for each target.

Impacts on Public Policy

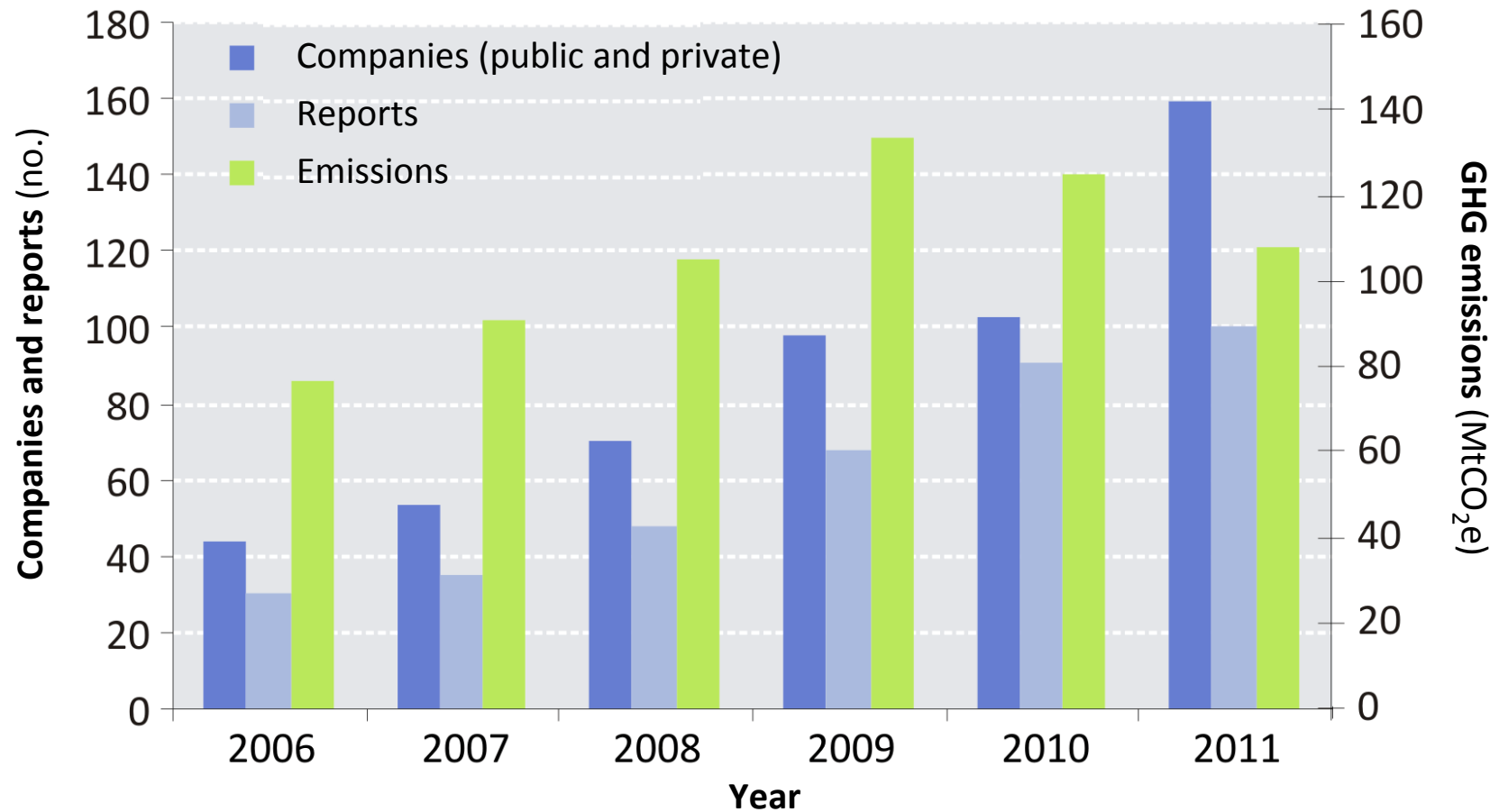
- Projection of mitigation potential of the PECC's measures, to 2013-2020.

* Subset of the 22 targets which together comprise the bulk of the PECC's emissions reduction target.

Source:

IMCO.-DNV. Evaluación externa del PECC. México. 2011.

GHG Programme-Mexico



Compiled using methodologies from the World Resources Institute and the World Business Council for Sustainable Development.

NAMAs in Mexico



Housing/Urban Green mortgages, Upgrade technology, “Green” services: waste, public lightning, water efficiency



Transport Massive Public Transport Systems, Freight transport

Cement Industry Cement mix, use of biomass

Oil and Gas Energy efficiency

Small and Medium Enterprises Energy efficiency



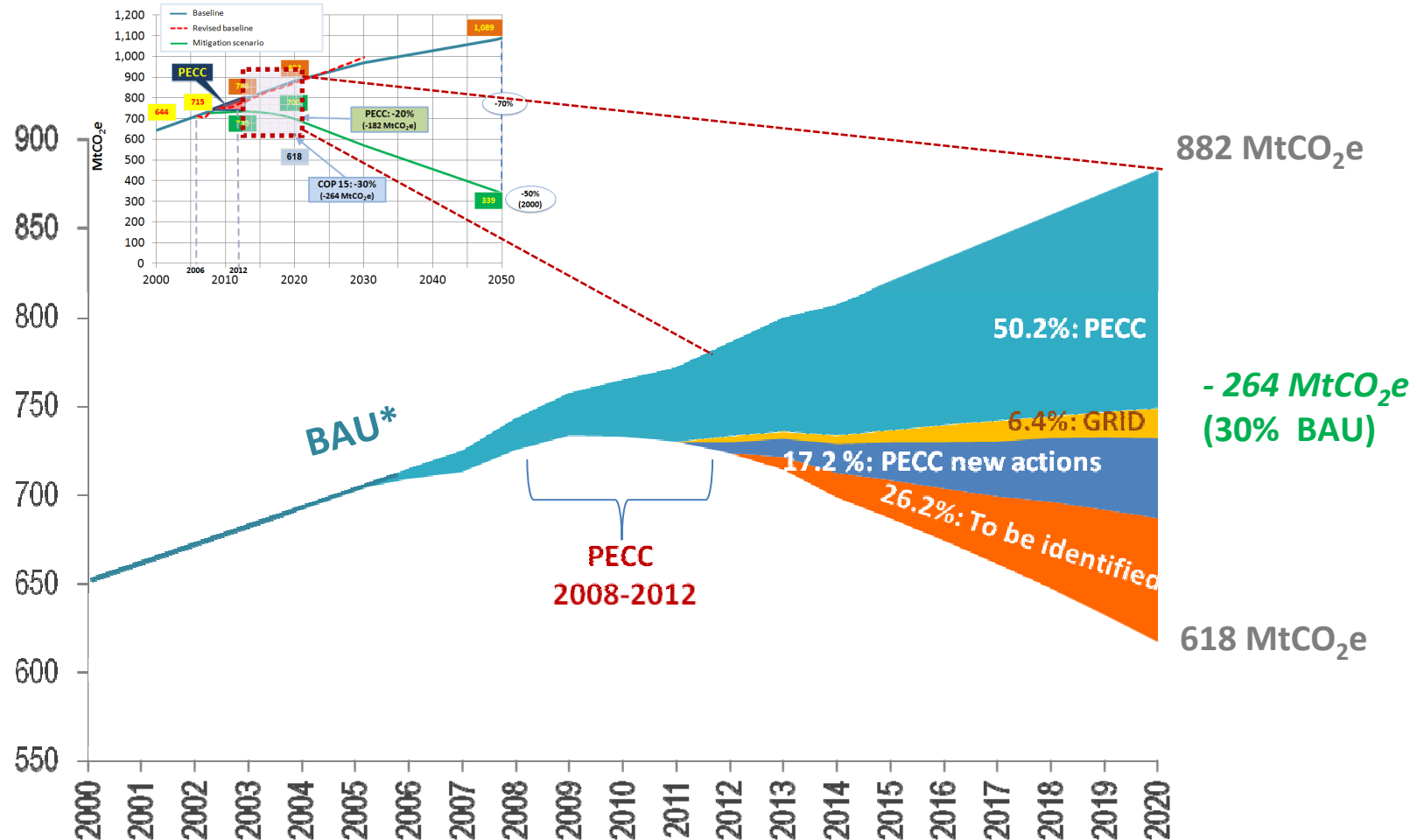
Urban Wastes Waste to Energy

Appliances (Refrigerators & washing machines) Energy efficiency, phase-out refrigerants and water efficiency



Chemical and Mining Industries

GHG Mitigation post 2012: 30% reduction with respect to BAU by 2020



* PECC, estimated baseline.

Source:

IMCO. Programa Especial de Cambio Climático para el periodo 2012-2020 con acciones adicionales y análisis de potencial. México. 2011.

General Climate Change Law

NEW



- After 3 years: Political consensus!
- Ratcheting up Mexico's engagement
- Potential transformational force

General Law on Climate Change:

Highlights

Institutionalization	<ul style="list-style-type: none">• Distribution of responsibilities among the three tiers of government.• Inter-Secretarial Commission on Climate Change.• National Institute of Ecology and Climate Change.• Consultative Council on Climate Change.
Planning framework	<ul style="list-style-type: none">• National Climate Change Strategy, with provisions for 10, 20 and 40 years into the future (revised at least every 10 years for mitigation, and every six years for adaptation, without permitting target reductions).• Special Programme on Climate Change (renewed with each six-year term).• State Programmes on Climate Change (in accordance with National Strategy and Special Programme).• Municipal Programmes on Climate Change (“ “).
Economic Instruments	<ul style="list-style-type: none">• Fiscal, financial and market incentives (a voluntary system for emissions trading could be created).• A Climate Change Fund will be created, from national and international public and private sources, to support the implementation of climate change actions and projects.
Climate Change Information System	<p>Mandatory emissions reporting:</p> <ul style="list-style-type: none">• National Greenhouse Gas Emissions Inventory.• National Registry of Greenhouse Gas Emissions.
Aspirational target	By 2020, reduce emissions by 30% with respect to baseline, and by 2050, by 50% relative to emissions in 2000.
Undertakings	<p>Avoided deforestation:</p> <ul style="list-style-type: none">• Move towards a rate of 0% carbon net loss from forest ecosystems. <p>Electricity generation:</p> <ul style="list-style-type: none">• By 2024, at least 35% of electricity generated should be derived from renewable sources of energy.

Thank you!

