Mexican experience in the development and application of Energy Efficiency Regulations

WTO Thematic Session Energy Efficiency
Geneve, Switzerland
Energy Efficiency Benefits

- Energy consumption reduction.
- Consumers savings
  - “Leveled field”
  - Less unfair competition
  - Easier commercial transactions
- Infrastructure Capital investment reduction
  - CO2 emissions reduced.
- Natural resources preserved
Mexican Process

Regulation need detection:
First: check if local regulation or standards are in place

Check if international standards exist
Proceso de Certificación
Mexican Conformity Assessment Infraestructure

- 30 NOM:
- 8 Certification Bodies
- 66 Testing Laboratories
- 185 Verification Units
Labeling objectives:

• To identify products that comply with a regulation.

• To show comparison vs mínimum efficiency allowed or máximum energy consumption permitted.

• To let consumers choose the most efficient products according with their personal preferences.
RESULTS AFTER 20 YEARS OF CONTINUOUS IMPROVEMENT $$

✓ 40 million+ Appliances have been installed:
✓ Refrigerators; Washing Machines; Water Heaters; Air Conditioners; Ranges.
With up to 70% Energy Consumption reduction

✓ Over 50,000 millón dollars have been saved for the National Economy
RESULTS AFTER 20 YEARS OF CONTINUOUS IMPROVEMENT E.E.

✓ Savings: 175,000 GWh
✓ CO$_2$ emissions avoided: 82.5 million eq. Tons
Thank you