

Toolkit - Resources for trainers

# Good Practice - SDG Nr. 7

**Mexico's scheme to replace 25 million inefficient light bulbs with CFLs (Compact fluorescent lamps) and 2 million old refrigerators.**

The Sustainable Development Goals (SDGs), also known as the Global Goals, were adopted by the United Nations in 2015 as a universal call to action to end poverty, protect the planet, and ensure that by 2030 all people enjoy peace and prosperity. Goal number 7 aims to ensure access to affordable, reliable, sustainable and modern energy for all.

## Social Goals

In Mexico, using climate finance and Global Environmental Facility support the Bank helped implement a program for replacing over 25 million inefficient light bulbs with CFLs, and almost two million old refrigerators with new, highly efficient ones, all targeted to low-income households. There is growing evidence linking socioeconomic benefits with access to a reliable and affordable supply of electricity.

For example, with adequate lighting and a reliable supply of electricity in the evening, children can read and do homework longer, families can listen to the radio, watch television, or generate income. There would also be tangible health benefits because currently many alternative lighting sources, like kerosene lamps, are a major source of pollution, harming people's health and the environment.

## What need does it cover?

As low-income households cannot afford to replace high energy consuming appliances and lightbulbs, hence this initiative greatly improved to decrease their energy costs while, in parallel decreased the average country energy consumption



<p><b>How was it founded?</b></p>	<p>This was funded by the Global Environment Facility which was established on the eve of the Rio Earth Summit to tackle the planet's most pressing environmental problems. Since then, it has provided more than \$22 billion in grants and blended finance and mobilized an additional \$120 billion in cofinancing for more than 5,200 projects and programs.</p>
<p><b>How does it relate to SDGs</b></p>	<p>It directly contributes to access to clean, modern, sustainable energy since it allows low income households to decrease their energy costs and move towards more energy efficient practices</p>
<p><b>Good practices</b></p>	<p>Countries around the world are implementing similar initiatives such as this. In Greece for example, citizens are encouraged to change their old refrigerators and air conditioning units to more energy saving units. The costs is partially funded by the Greek government and each household is entitled to two units.</p>

**How to work on it**

It depicts that through micro funding, sponsors, contribution schemes, households can have access to low-cost energy solutions which also allow them to decrease carbon emissions and lower their carbon footprint and be environmentally friendly.

