

People's Democratic Republic of Algeria
National Agency for the Promotion & the Rationalization of the Energy Use



Algerian Energy Efficiency Program « 2023 – 2025 »



Ms S. BOUAFFAD

Monitoring officer of the Energy Efficiency Program

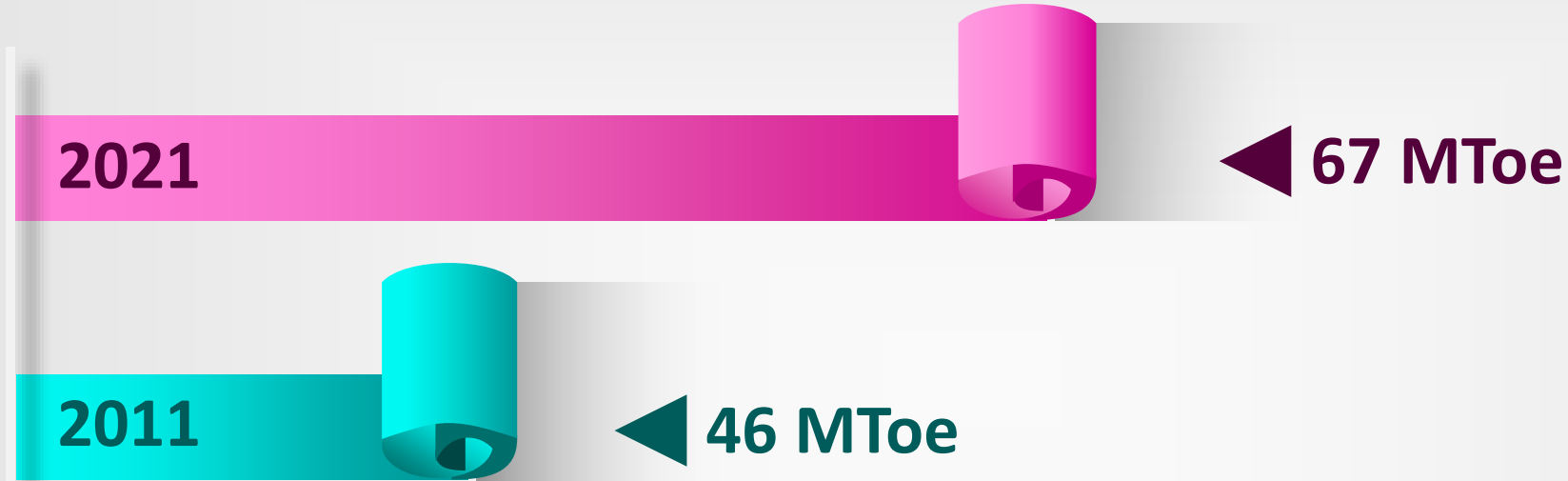
On-line Workshop – meetMED II

Best practices on NEEAP Monitoring and Evaluation Tools & Mechanisms

15 Décembre 2022

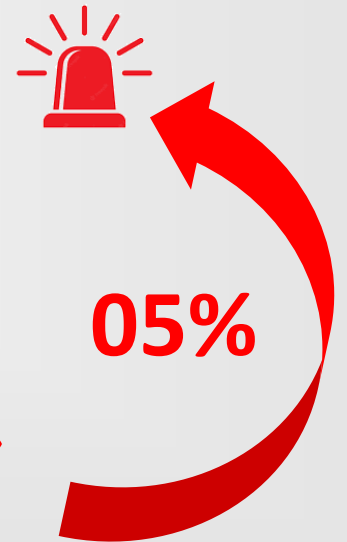


Energy consumption



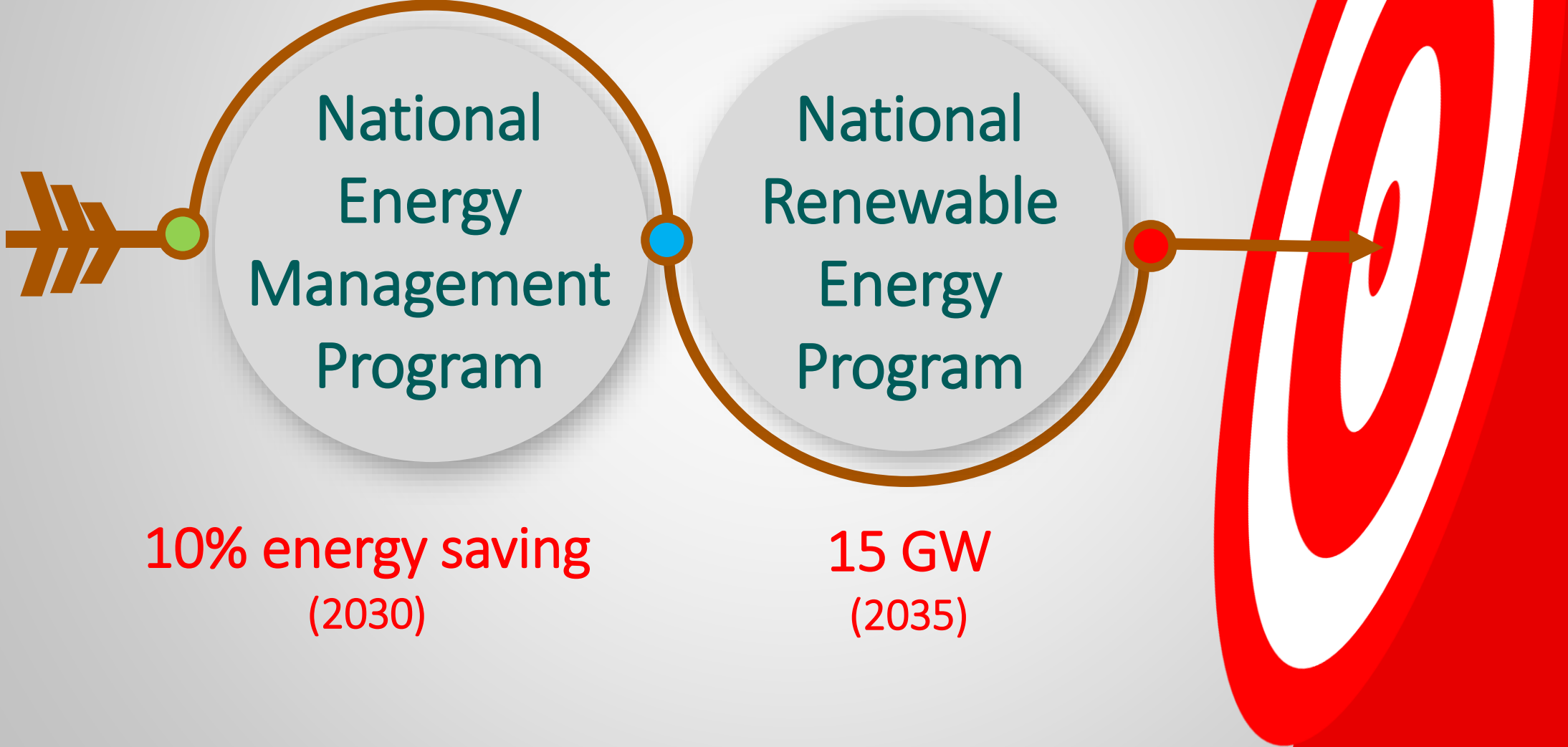
Development of the housing stock
Improvement of the citizens living standard
Supported energy tariffs

Energy annual
consumption
growth rate
« 2011 / 2021 »



Strategy

New production and consumption energy model
(30% renewable energy (2030))



10% energy saving
(2030)

15 GW
(2035)



Energy Efficiency Program



Promoting the most suitable forms of energy for different uses



Improvement of equipment



Behavior change





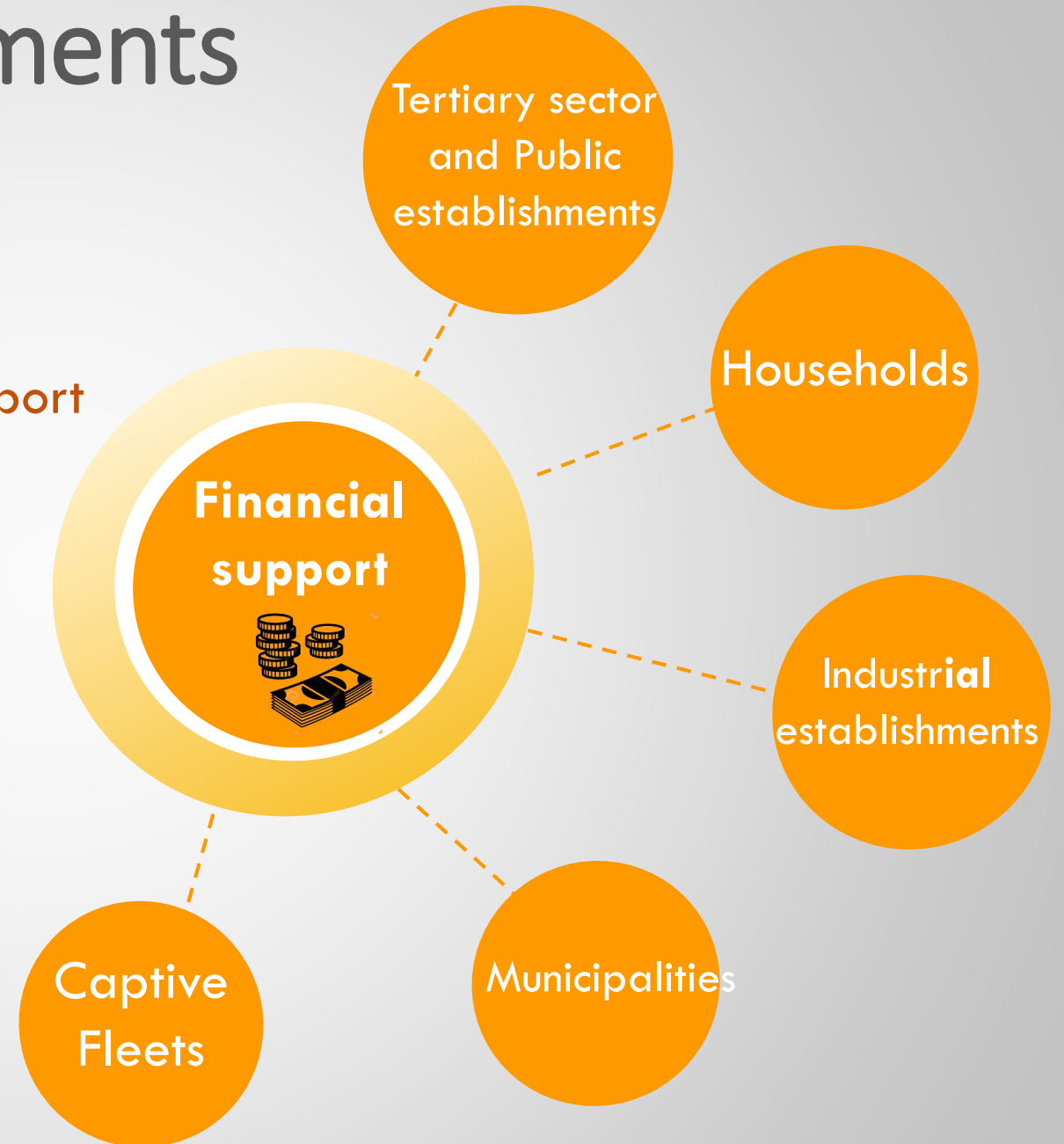
Instruments



Estimated amount of financial support
« 2023 – 2025 » :
> 40 Billion AD

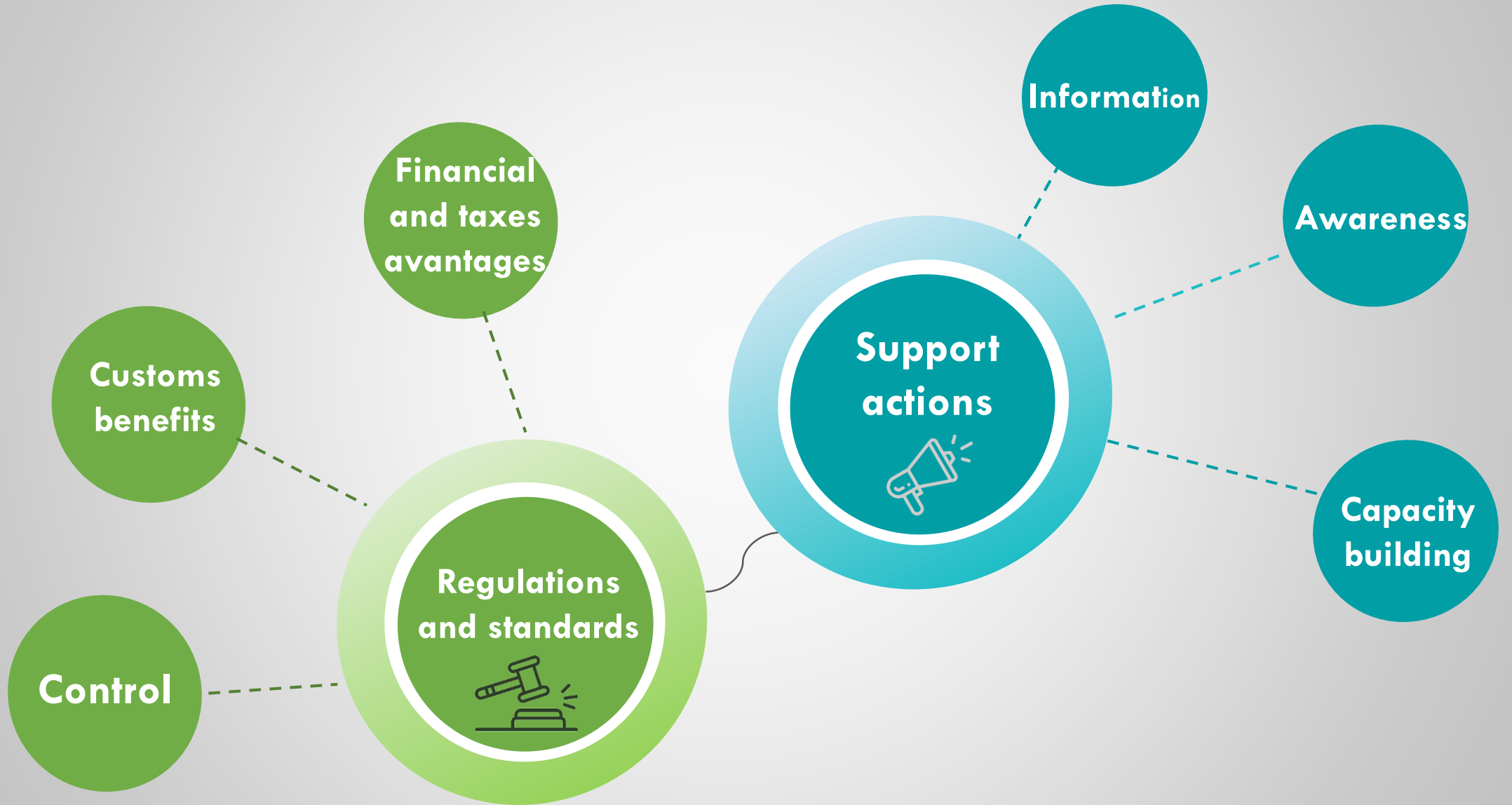


Expected energy gain
« 2023 – 2025 » : **06 TWh**



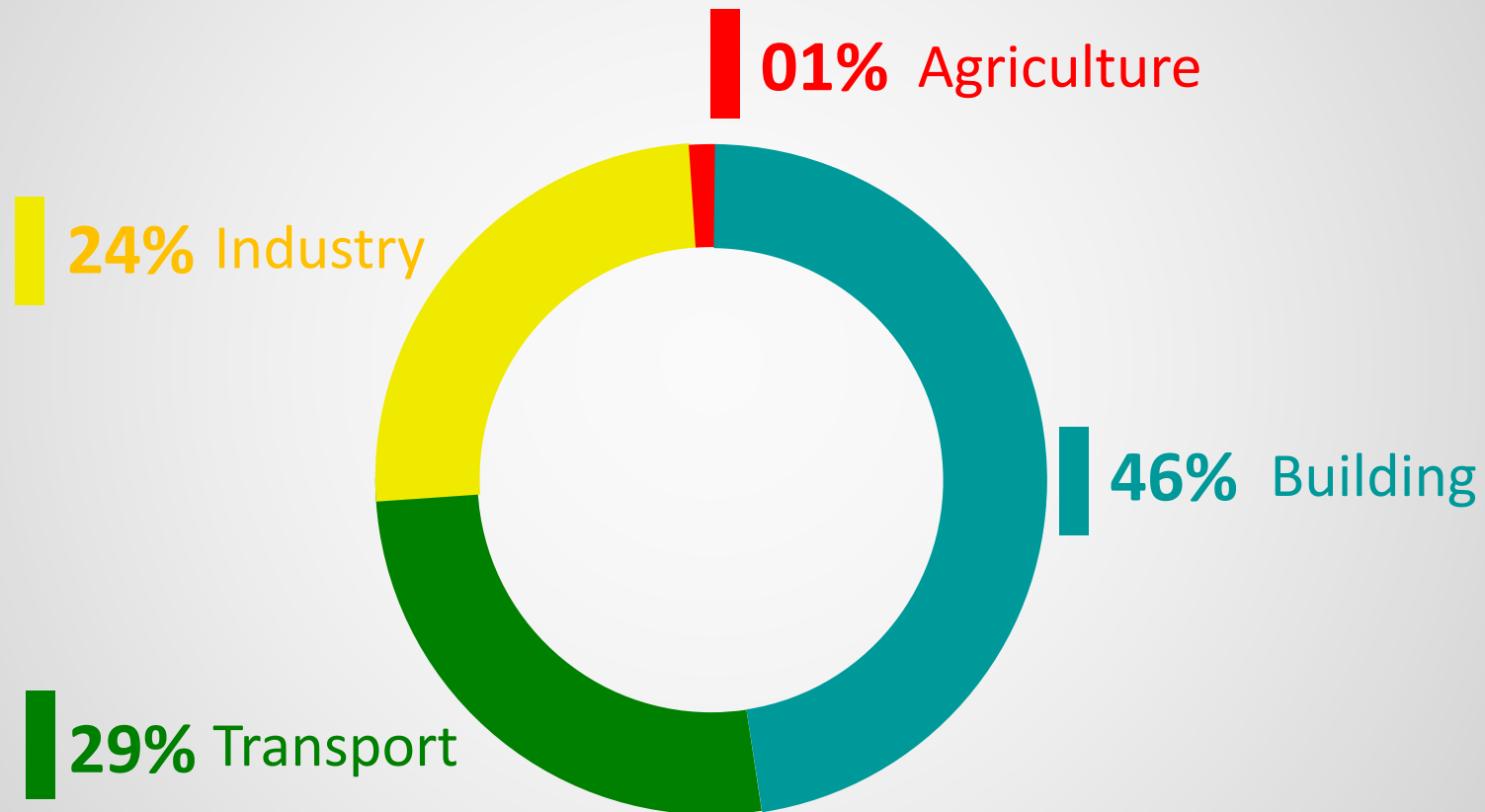


Instruments





Target sectors



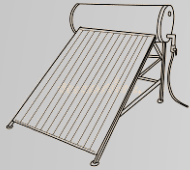
Energy consumption per sector in Algeria

EEP - Building sector



Thermal insulation of buildings

35 000 existing housing
700 tertiary buildings



Solar water heating development

Installation of 11 000 solar water heaters



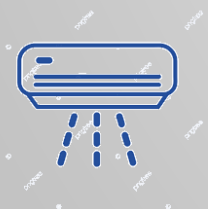
Introducing energy performance in street lighting

150 000 high-performance LED lights



Introduction of energy management systems (by sensor)

35 Tertiary buildings



Promotion of high-performance air conditioning equipment

Replacement of 40 000 energy-intensive air conditioners
17 tertiary buildings will be equipped with gas air conditioning

EEP - Building sector



Legal framework

**Introduction
of a minimum
threshold of energy
performance and
eco-design in
building thermal
regulations**

**setting up of
energy efficiency
equipment
control
laboratories**

**Extension
of energy
labeling**

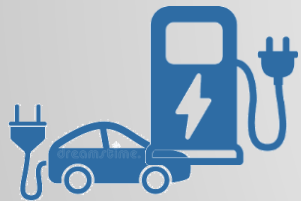
EEP – Transport sector



Promotion of clean fuels

Conversion of 450 000 individual cars to (LPG/F)

Conversion of 2 000 heavy vehicles from captive fleets to dual-fuel (LPG/Gasoil)



Evaluation of the electric cars use

Realization of a prospective study

Acquisition of 2 000 electric cars

Acquisition of 2 000 charging stations



Taxes reduction (Finance Law 2023)

EEP – Industry Sector



Co-financing 150 feasibility studies that will enable companies to precisely define technical and economical solutions best suited for reducing energy consumption



Co-financing 150 investment project to introduce more efficient industrial processes and equipment



Thank You
for your attention

