

# Reforms and investments to combat energy poverty

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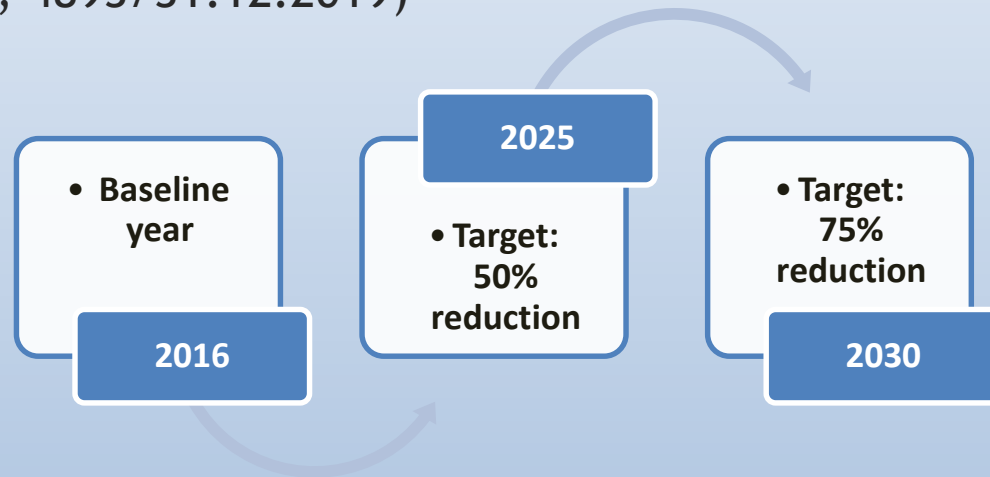
Head of Office

Secretariat General for Energy and Mineral Resources

Ministry for Environment and Energy

# National context in regards to energy poverty in Greece

- Article 25 Law 4342/2015 (FEK A, 143/9.11.2015) - Preparation of the National Action Plan for the alleviation of energy poverty
- National Energy and Climate Plan - Specification of national target (ΦΕΚ Β, 4893/31.12.2019)

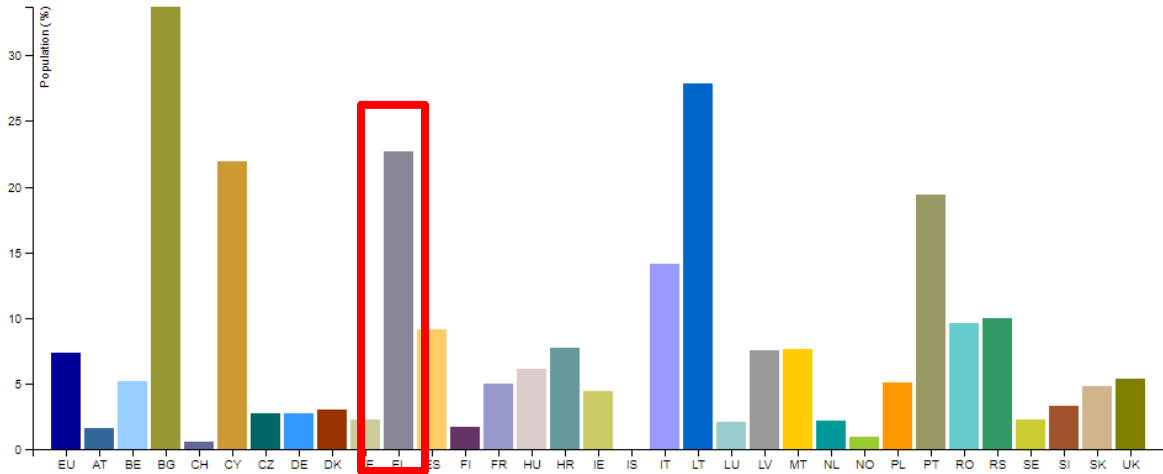


- Consultation within the Interministerial Committee for Energy and Climate is complete
- Public Consultation is complete
- Finalize and adopt the National Action Plan for the alleviation of energy poverty until the end of 2021

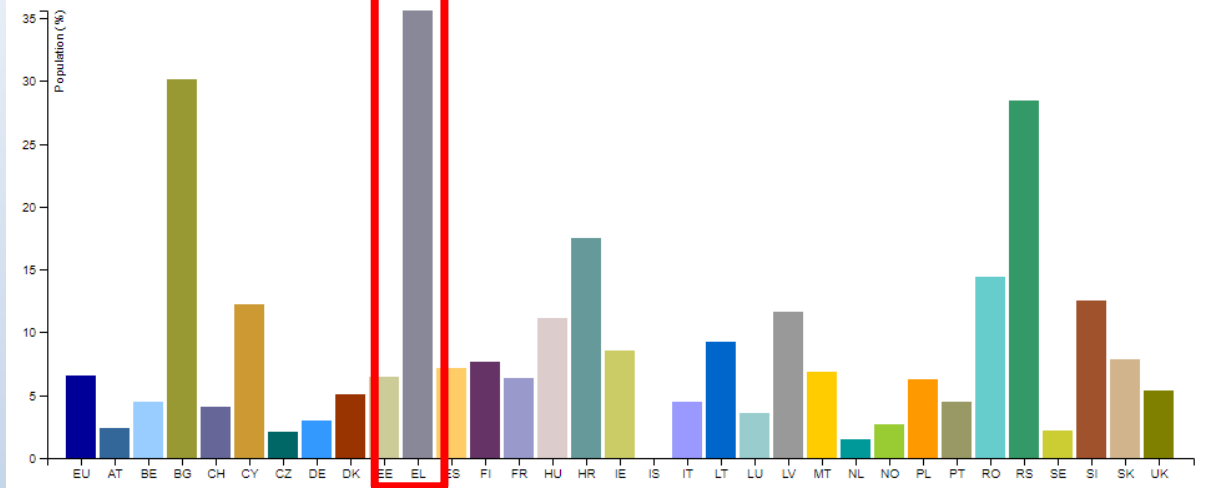


# European Statistics across all EU Member States

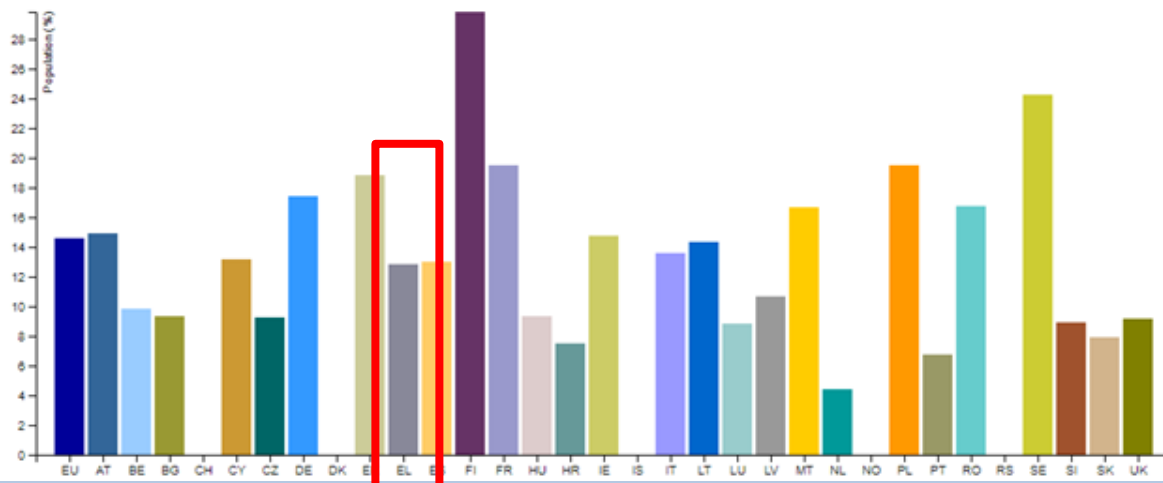
INABILITY TO KEEP HOME ADEQUATELY WARM | 2018



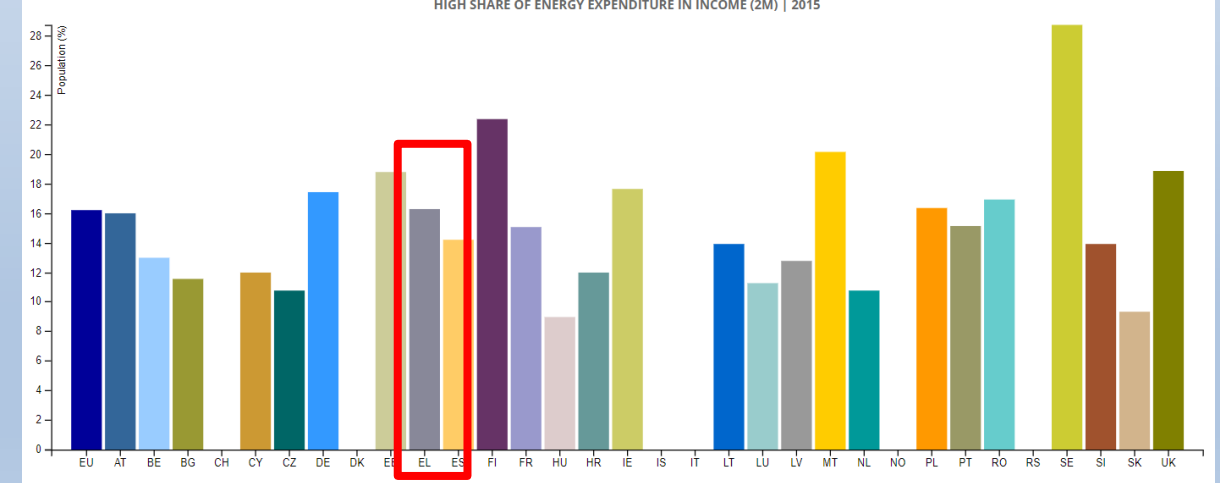
ARREARS ON UTILITY BILLS | 2018



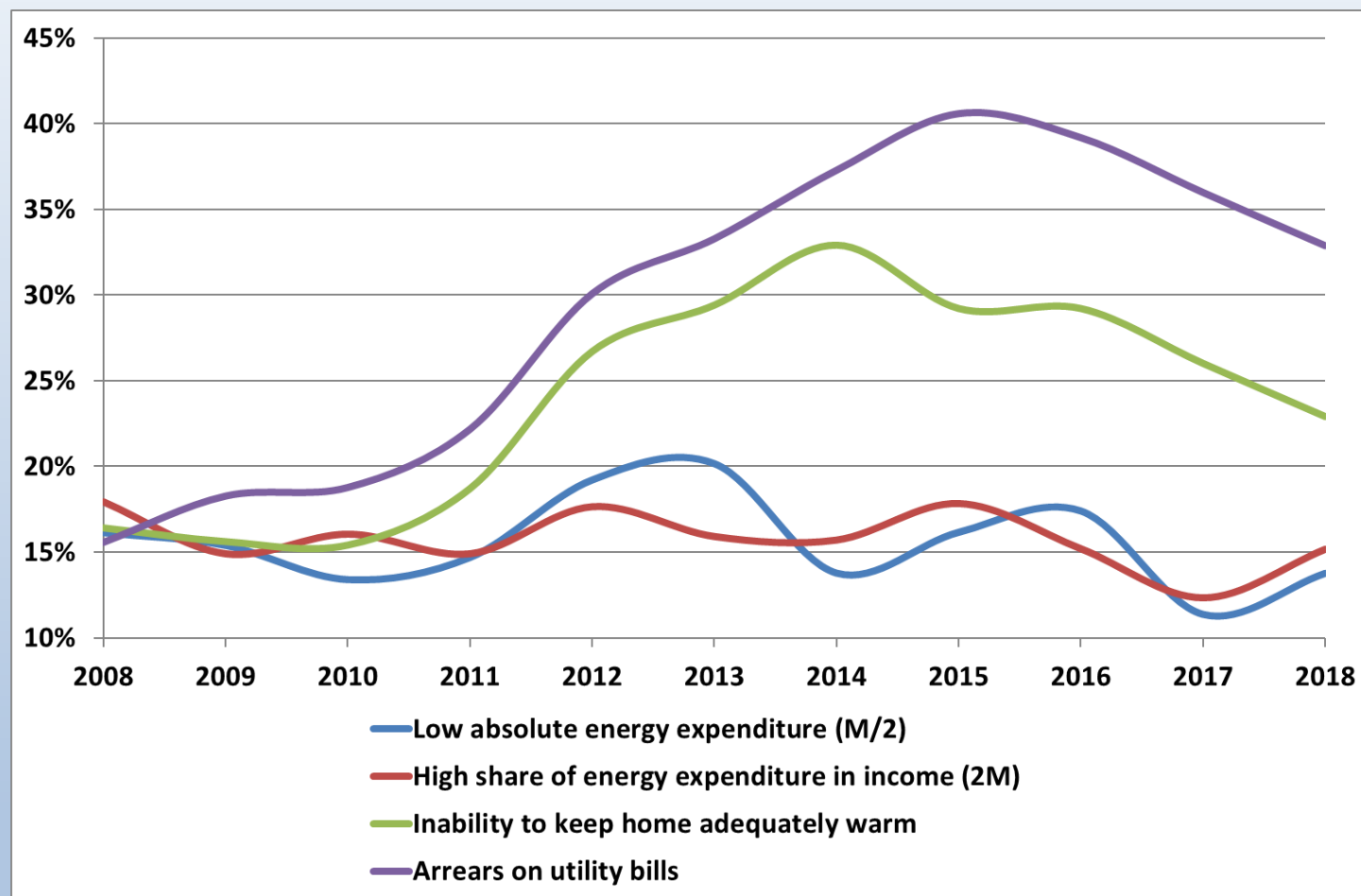
LOW ABSOLUTE ENERGY EXPENDITURE (M/2) | 2015



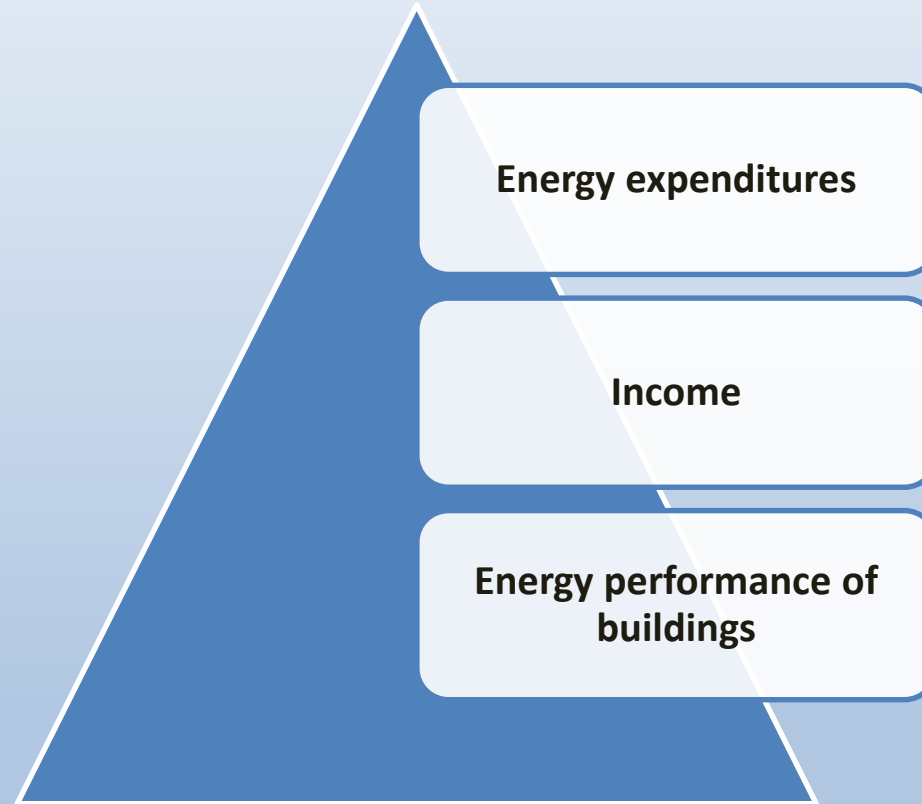
HIGH SHARE OF ENERGY EXPENDITURE IN INCOME (2M) | 2015



# Current status of energy poverty in Greece

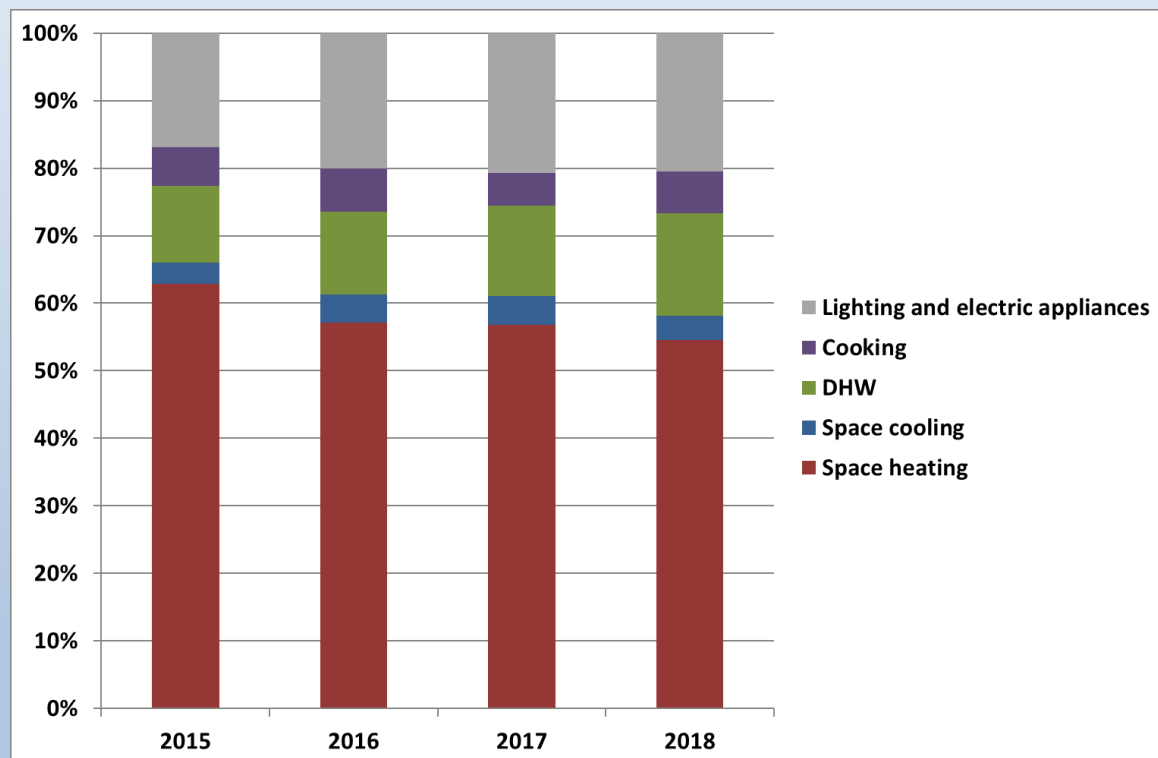


# National Action Plan: Main dimensions for energy poverty's definition

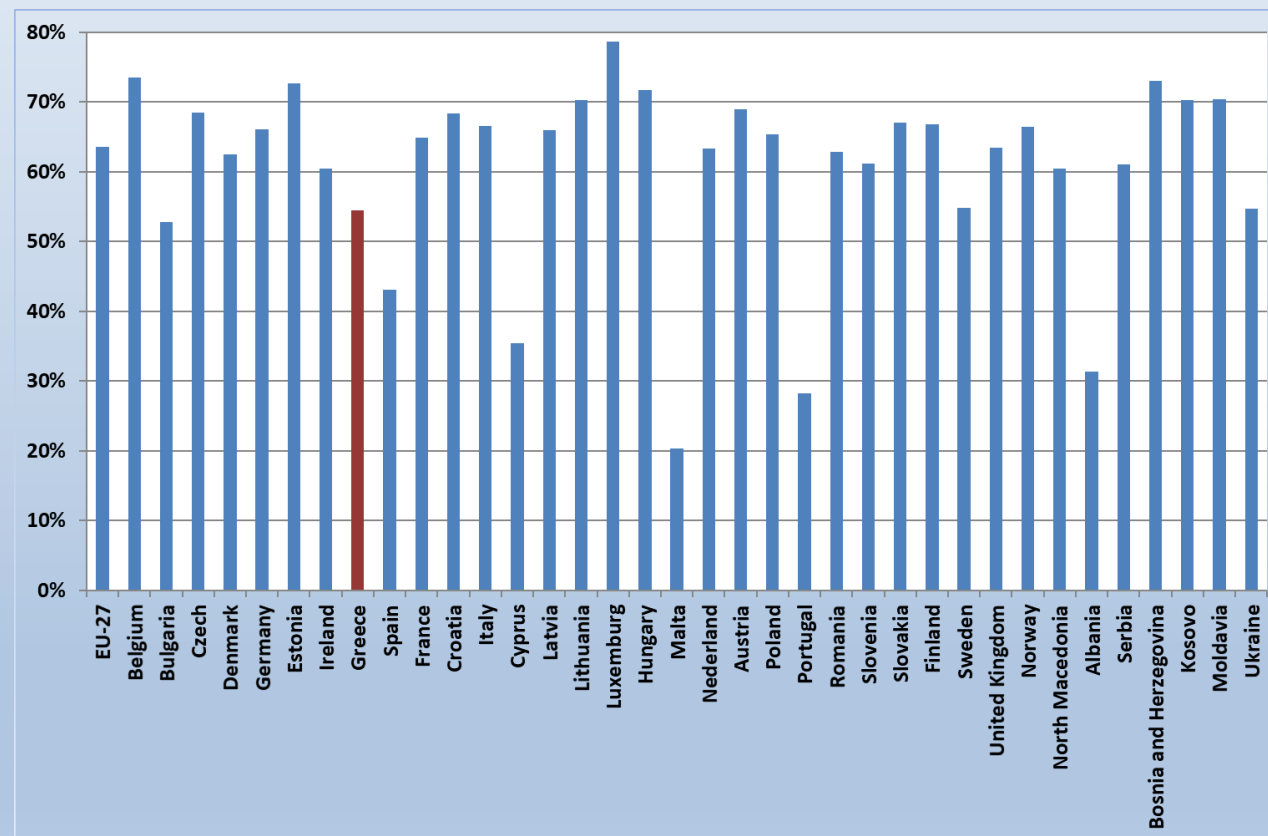


# National Action Plan: Focus on space heating & cooling

- Allocation of the final energy consumption to the various end-uses



- Portion of the space heating to the total final energy consumption of the households



Plans to integrate additional end-uses (such as space cooling, DHW and transport)

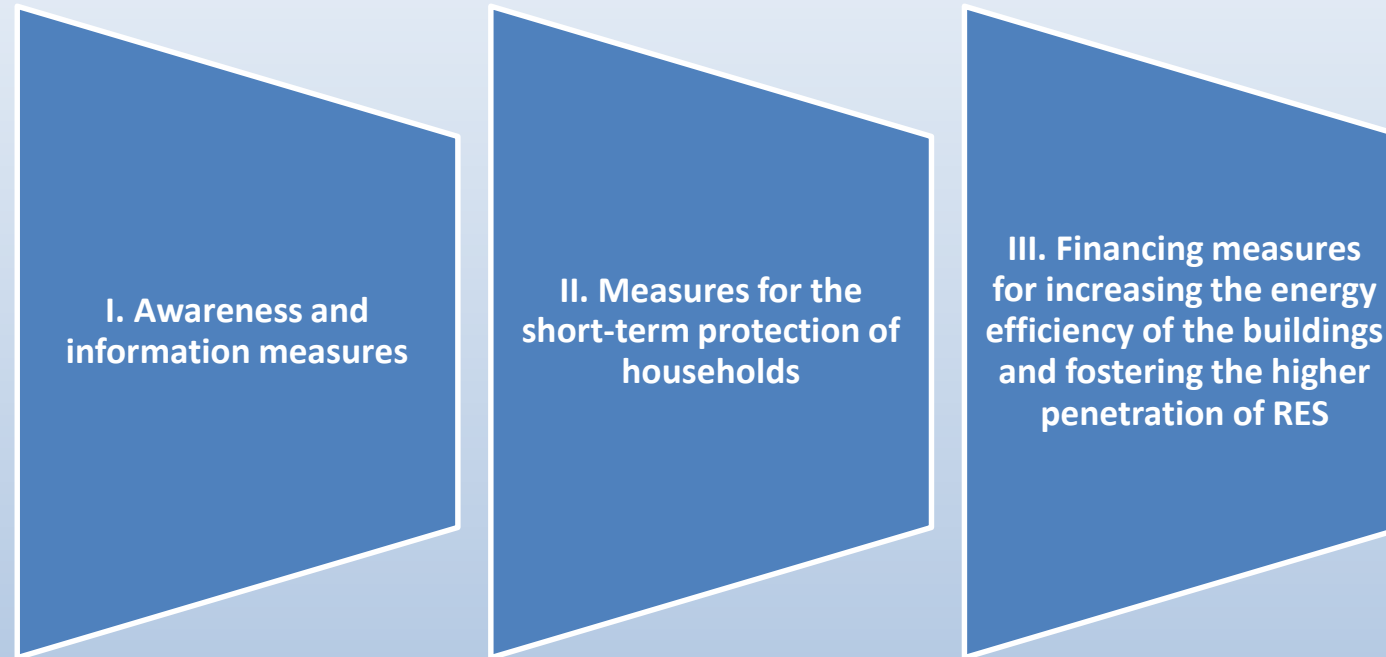
# National Action Plan: Proposal for using a composite indicator

**Energy poor households - Simultaneous satisfaction of the two conditions**

- **Condition I:** The total final energy consumption of the household is lower than the 80% of the minimum final energy consumption, which is required theoretically.
- **Condition II:** The total income of the household is lower than the 80% of the mean income of all the households in Greece.

Calculation using the alternative Condition II-b: The total normalized income of the household, based on the number of household's persons according to equivalence scale of OECD, is lower than the 80% of the mean normalized income of all the households in Greece.

# National Action Plan: Main categories of policy measures



Monitoring mechanism



# National Action Plan: Proposed policy measures

## I. Awareness and information measures

## II. Measures for the short-term protection of households

## III. Financing measures for increasing the energy efficiency of the buildings and fostering the higher penetration of RES

**M1.**  
Conduction of measures within the framework of the EEOs

100K households  
40M€/year

**M2.**  
Conduction of targeted measures centrally by the Ministry of Environment and Energy

100K households  
40M€/year

**M3.**  
Improvement of the Social Tariff

150K households  
30M€

**M4.** Provision of energy card to energy poor households

120K households  
1,8Bn€

**M5.** Regulatory measures for the protection of energy poor households

10K households  
210M€

**M6.** Energy upgrade of the energy poor households' building including the installation of RES systems

100K households  
70M€

**M7.** Facilitate access to alternative energy sources for energy poor households

90K households  
100M€

**M8.** Provision of incentives to energy poor households within the framework of the Just Transition Plan

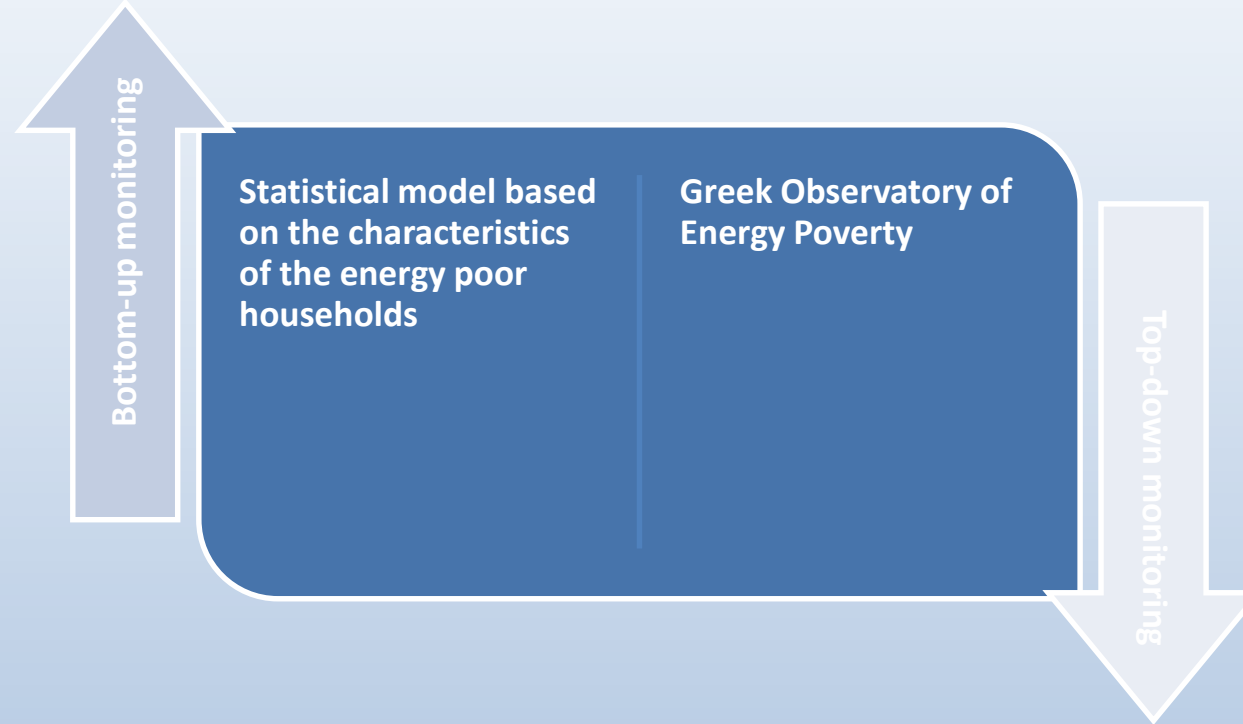
350K households

**M9.** Provision of incentives to energy poor households within the framework of the EEOs

100K households  
10M€

**M10.** Provision of incentives to energy poor households with in the framework of the Energy Communities

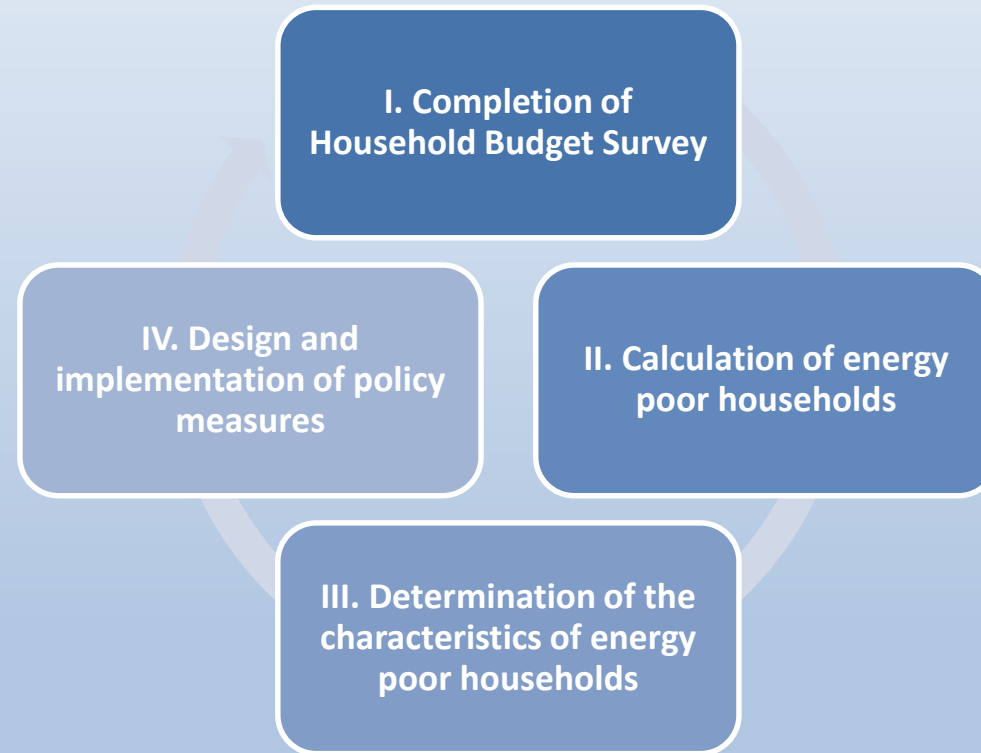
# National Action Plan: Proposed monitoring mechanism



- ❑ Central role is assigned to the **Working Group for monitoring the NECP** with the following duties:
  - Management, evaluation and improvement of monitoring mechanism.
  - Evaluation of the implemented policy measures in the period 2021-2030.
  - Formulation of proposals either for improving existing policy measures or designing and implementing new more efficient ones.
  - Preparation of the annual progress report.

# National Action Plan: Required steps for implementing policy measures

Challenge to integrate the characteristics of energy poor households during the design and implementation of the planned policy measures on annual basis.



**Thank you!**

Secretariat General for Energy and Mineral Resources  
Ministry for Environment and Energy