

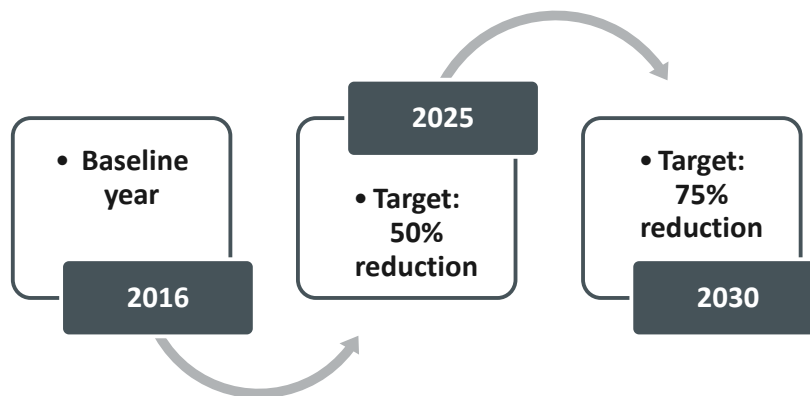
Energy poverty in Greece

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CRES

European Event
Energy poverty in the EU: Status, Policies, Consumers
Empowerment
Tuesday 21 December 2021

National context in regards to energy poverty in Greece

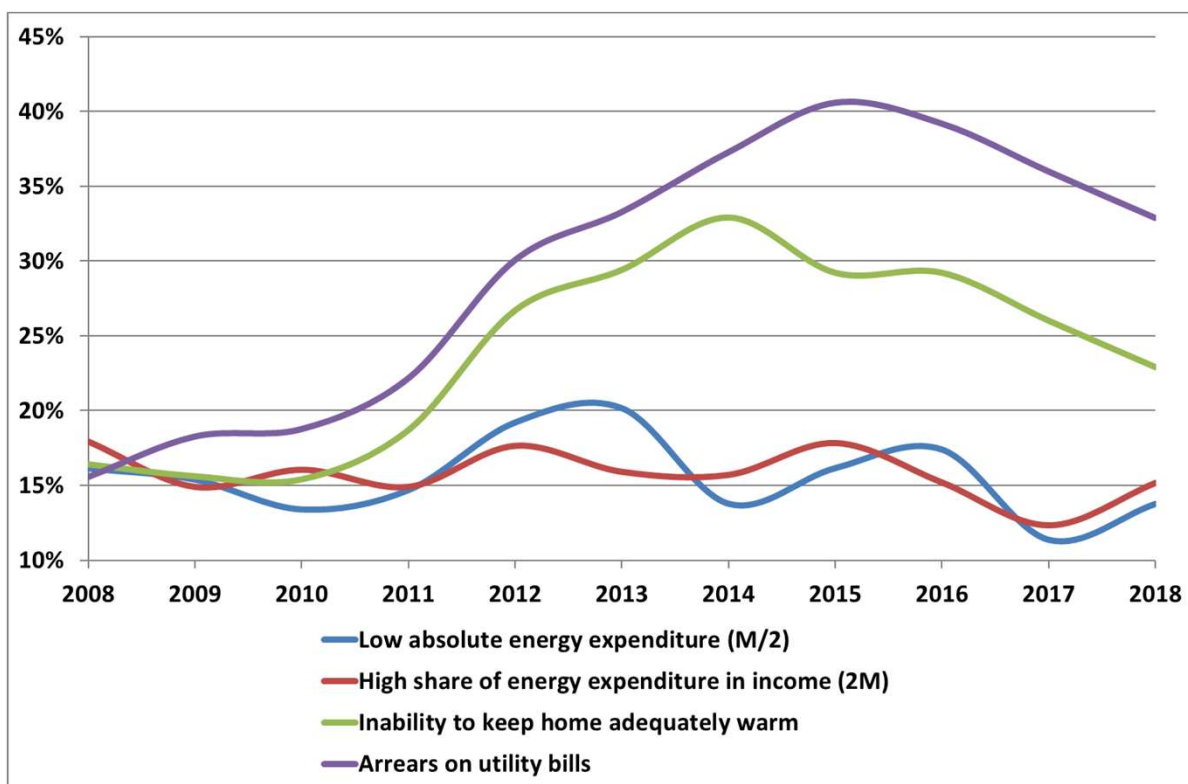
- Article 25 Law 4342/2015 (FEK A, 143/9.11.2015) - Preparation of the National Action Plan for the alleviation of energy poverty
- National Energy and Climate Plan - Specification of national target (ΦΕΚ Β, 4893/31.12.2019)



ΑΘΗΝΑ, ΔΕΚΕΜΒΡΙΟΣ 2019

- Adoption and publication of the National Action Plan for the Alleviation of Energy Poverty in September 2021 through Ministerial Decision.

Current status of energy poverty in Greece



Various policy measures have been initiated for supporting low-income households:

- Social Tariff scheme
- Provision of heating oil allowance
- “Energy Saving at Home” programme for the energy upgrade of residential buildings
- Measures against the humanitarian crisis
- Regulation measures for protecting the households from potential disconnections of the electricity supply

Greek Observatory of Energy Poverty

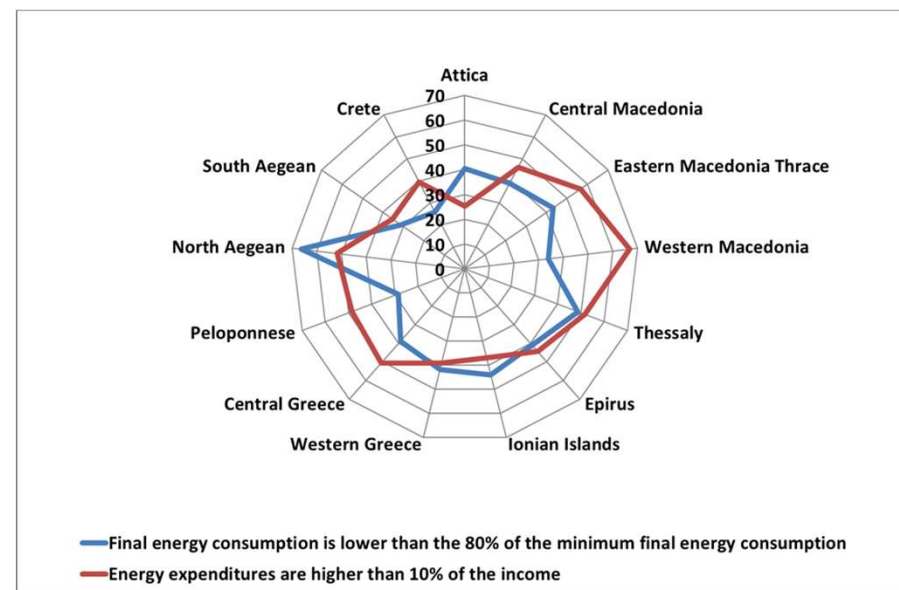
The observatory of energy poverty was developed by the Center for Renewable Sources and Savings (CRES) in 2014 in order to inform both of the citizens and the decision-makers about the phenomenon of energy poverty in Greece.

Objectives of the observatory:

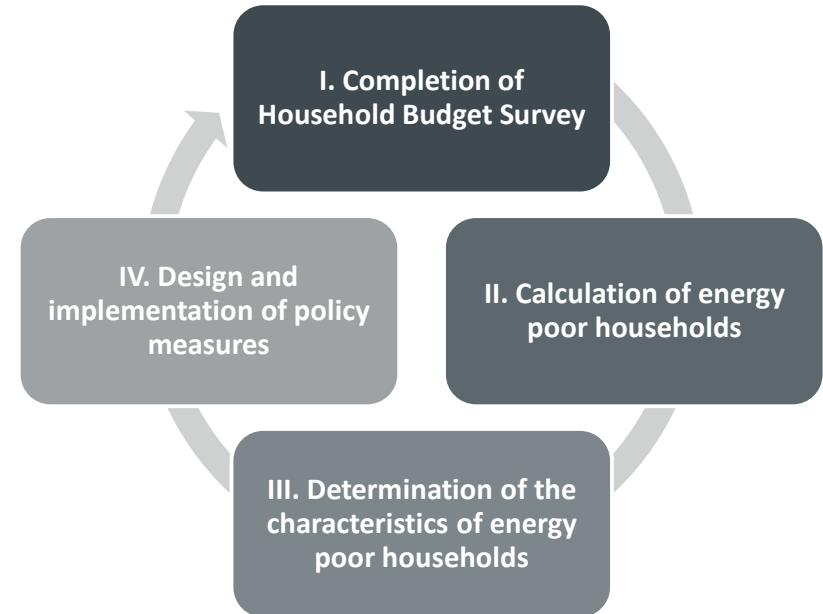
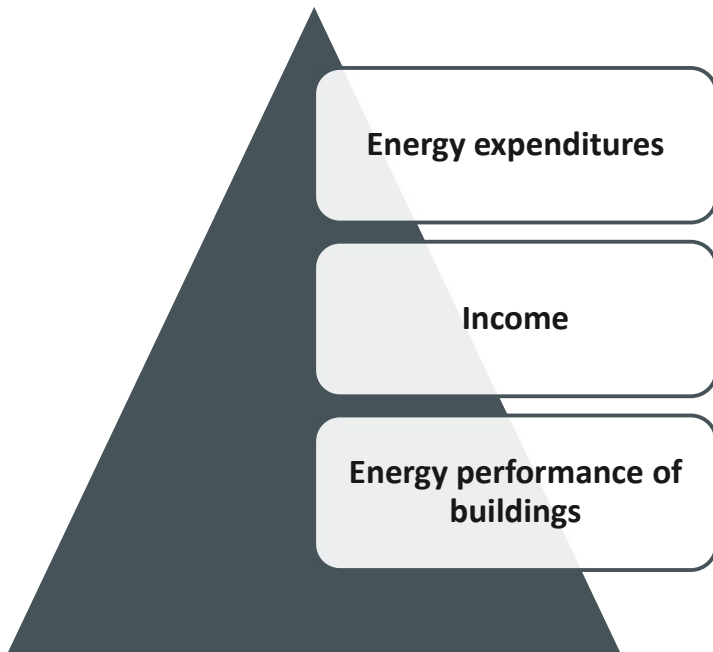
- ✓ Assessment of the energy poverty levels in Greece through the estimation of representative indicators and monitoring of its fluctuation over the years.
- ✓ Identification of the parameters, which affect and intensify the phenomenon of energy poverty.
- ✓ Design and implementation of efficient policy measures for the alleviation of the energy poverty.

Proposed indicators

- ✓ Percentage of households where the indicator Actual energy consumption/Theoretically required energy consumption is less than 80%.
- ✓ Percentage of households where the indicator Actual energy expenditures/Households' income is more than 10%.



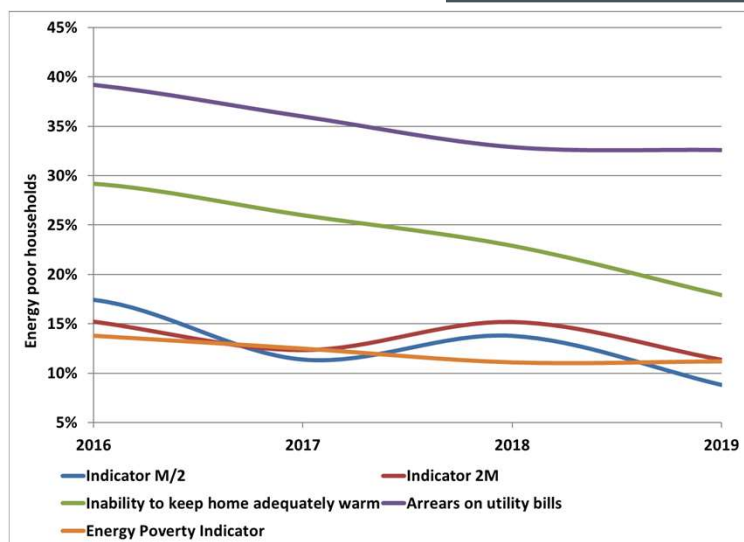
National Action Plan for the Alleviation of Energy Poverty: Main dimensions and approach for energy poverty's definition



National Action Plan for the Alleviation of Energy Poverty: Energy Poverty 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 normalized income of the household, based on the number of household's persons according to equivalence scale of OECD of the household is lower than the 60% of the mean income of all the households in Greece.



The percentage of households affected by energy poverty is expected to decrease to 7% in 2025 and to 3% in 2030 in accordance with NECP's target (approximately 420 thousand households)

National Action Plan for the Alleviation of Energy Poverty: Policy measures

I. Protection of households

II. Development dimension - Financing measures for increasing the energy efficiency of the buildings and fostering the higher penetration of RES

III. Awareness and information measures

Monitoring mechanism

National Action Plan for the Alleviation of Energy Poverty: Policy measures

I. Protection of households

II. Development dimension - Financing measures for increasing the energy efficiency of the buildings and fostering the higher penetration of RES

III. Awareness and information measures

M1.
Improvement of
the Social Tariff

M2. Provision of
energy card to
energy poor
households

M3. Regulatory
measures for the
protection of
energy poor
households

M4. Energy
upgrade of the
energy poor
households' building
including the
installation of
RES systems

M5. Provision of
incentives to
energy poor
households
within the
framework of
the Just
Transition Plan

M6. Provision of
incentives to
energy poor
households
within the
framework of
the EEOs

M7. Provision of
incentives to
energy poor
households with
in the
framework of
the Energy
Communities

M8. Conduction
of measures
within the
framework of
the EEOs

M9. Conduction
of targeted
measures
centrally by the
Ministry of
Environment and
Energy

National Action Plan for the Alleviation of Energy Poverty: Policy measures

| Policy measures | Number of energy poor households | Foreseen public aid |
|--|----------------------------------|-----------------------|
| M1. Improvement of the Social Tariff | 100,000 | 40 million € annually |
| M2. Provision of energy card to energy poor households | 100,000 | 40 million € annually |
| M3. Regulatory measures for the protection of energy poor households | 150,000 | 30 million € |
| M4. Energy upgrade of the energy poor households' building including the installation of RES systems | 120,000 | 1.8 billion € |
| M5. Provision of incentives to energy poor households within the framework of the Just Transition Plan | 10,000 | 210 million € |
| M6. Provision of incentives to energy poor households within the framework of the EEOs | 100,000 | 70 million € |
| M7. Provision of incentives to energy poor households with in the framework of the Energy Communities | 90,000 | 100 million € |
| M8. Conduction of measures within the framework of the EEOs | 350,000 | - |
| M9. Conduction of targeted measures centrally by the Ministry of Environment and Energy | 100,000 | 10 million € |

National Action Plan for the Alleviation of Energy Poverty: 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.

Specialization of policy measures for the period 2021-2023

| Policy measure | Activity | Timeline |
|---|---|---|
| M1: Improvement of the Social Tariff | Activity 4: Increased subsidy for eligible households in Social Tariff scheme so as to cover the extra cost of electricity due to energy cost crisis | 2021-mid 2022 |
| M2: Provision of energy card to energy poor households | Activity 1: Subsidy for covering the extra cost of electricity due to energy cost crisis | 2021-mid 2022 |
| | Activity 2: Subsidy for covering the extra cost of natural gas due to energy cost crisis | 2021-mid 2022 |
| | Activity 3: Subsidy for covering the extra cost of pellets and biomass due to energy cost crisis | 2021-mid 2022 |
| M3: Regulatory measures for the protection of energy poor households | Activity 5: Automatic transition of vulnerable household customers into the Universal Service regime | 2021-2023 |
| | Activity 6: Fast-track reconnection procedure for the case of energy poor households including the provision of the respective cost | 2022-2023 |
| M4: Energy upgrade of the energy poor households' building including the installation of RES systems | Activity 7: NRRF programme for the energy upgrade of residential buildings | First round: November 2021 Second round: Second half of 2022 |
| M5: Provision of incentives to energy poor households within the framework of the Just Transition Plan | Activity 4: Subsidy for covering the extra cost of district heating due to energy cost crisis | 2021-mid 2022 |
| M6: Provision of incentives to energy poor households within the framework of the EEOs | Activity 7: Promoting technical measures within EEOs | Beginning 2022-2023 |
| M7: Provision of incentives to energy poor households within the framework of the Energy Communities | Activity 10: NRRP for installing energy community-based PV systems and sharing electricity to energy poor households | 2022 |
| M8: Conduction of information and awareness-raising measures within the framework of the EEOs | Activity 11: Promoting targeted information and awareness-raising measures within EEOs | Beginning 2022-2023 |
| M9: Conduction of information and awareness-raising measures implemented centrally by the Ministry of Environment and Energy | Activity 12: Further promotion of Price Comparison Tool including its improvement | mid 2022 |
| | Activity 13: Feasibility study for proposing the structure of the National Observatory of Energy Poverty | mid 2022 |
| No linkage with the existing policy measures | Activity 14: Feasibility study for developing support scheme for energy poor households in islands | mid 2022 |



Thank you for your attention!!!

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