



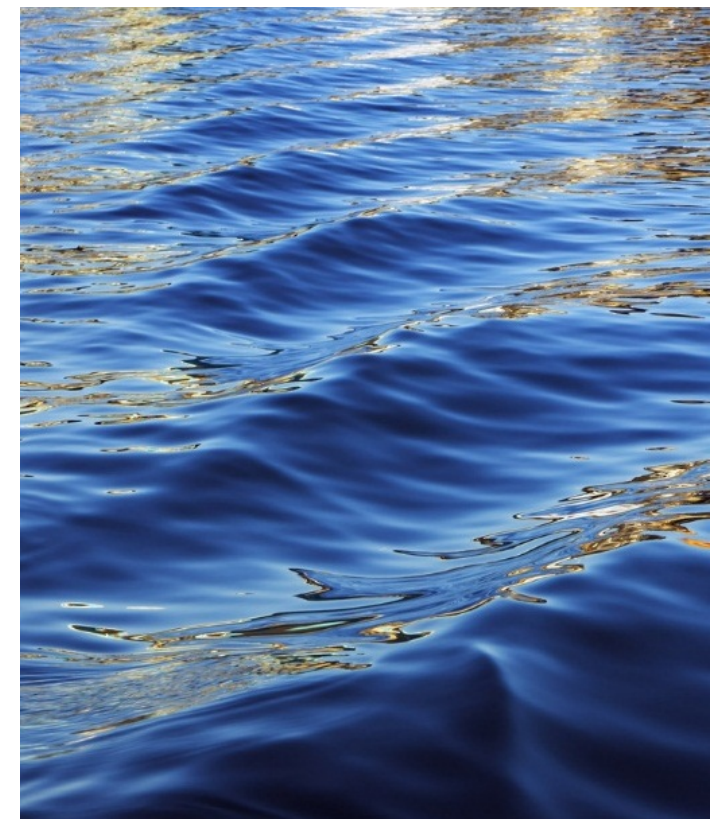
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# Investments and programmes for enabling a sustainable economy

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# The Environment Fund Administration (EFA)

## WHO WE ARE

- a public institution, under the Romanian Government, coordinated by the Ministry of Environment, financed entirely from its own revenues (various environment taxes, cash flows from the EU ETS, etc.)

## WHAT WE DO

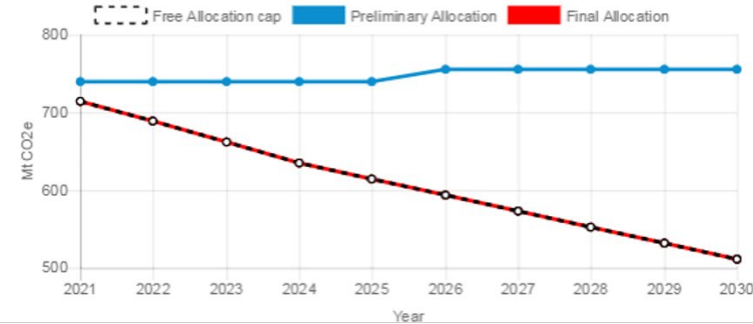
- the main objective is financing and monitoring the implementation of several categories of programmes, for the sustainable development of Romania and the improvement of the environmental infrastructure.

## TO WHOM WE ADDRESS

- Individuals and legal entities, such as: economic operators, NGO's, administrative and territorial units, education units and institutions, etc.

# Emission certificates

# EUETS



In 2018 the Romanian Government appointed EFA to manage the funds from the EU ET Scheme, by selecting and granting environment projects, acc. to the objectives set out in the Directive 2003/87/CE.

Funds made available and transferred to date in EFA's account – **EUR 150,000,000**

Contracts awarded to date – **EUR 130,000,000**

# EFA's Ongoing Investment Programmes

## Main areas of funding focus:

- Reduction of CO<sub>2</sub> emissions by providing grants/subsidies for:
  - installing heating systems based on renewable energy, including replacing or supplementing the classic heating systems
  - scrapping used/old and polluting cars
- Sewerage and water treatment plans
- The reforestation of degraded areas

# Reduction of CO<sub>2</sub> Emissions



Installing heating systems based on renewable energy, including replacing and/or supplementing the classic heating systems, between 2010 and 2018:

- **226 financed projects**, addressed to legal entities, **EUR 34,000,000** worth;
- **44,547 financed systems**, for households, **EUR 44,310,000** worth:
  - solar panels with a total power capacity of 50,000 kW
  - heat pumps with a total power capacity of 12,000 kW

# Reduction of CO<sub>2</sub> Emissions (con't)

“JALOPY” Programme - subsidies for scrapping used/old and polluting cars



- total number of scraped vehicles since 2005 – **600,000 units**
- total number of new vehicles since 2005 – **357,000 units**

# Reduction of CO<sub>2</sub> Emissions (con't)

## Electric Mobility

“JALOPY PLUS” Programme - subsidies for new, full electric or hybrid plug-in vehicles

**EUR 10,000**

**Probably the highest subsidy across the EU, for the purchase of a brand new full EV**



### Subsidies:

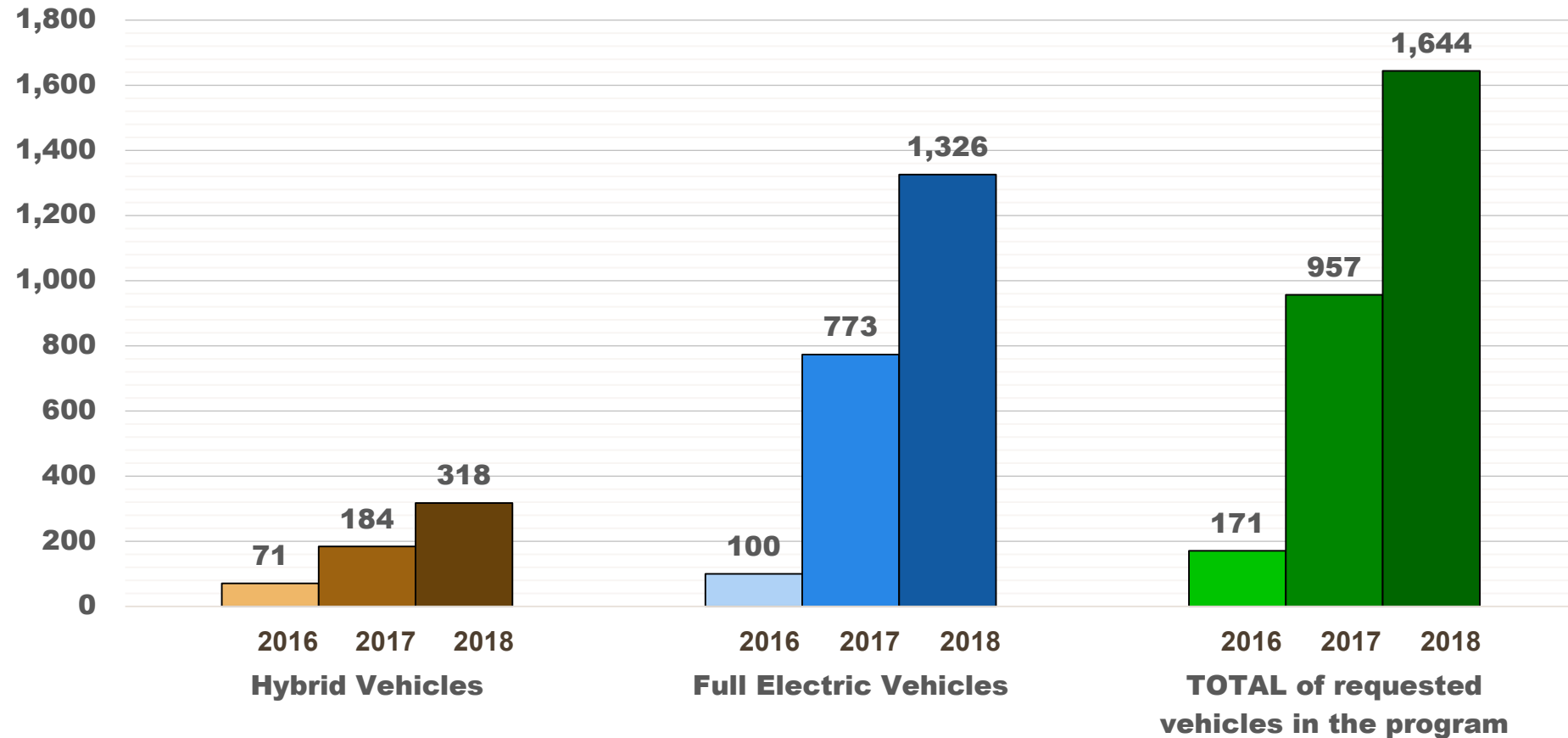
- **EUR 5,000** for a hybrid plug-in vehicle
- **EUR 10,000** for a full electric vehicle

The program has **started in 2016.**

# Reduction of CO2 Emissions (con't)

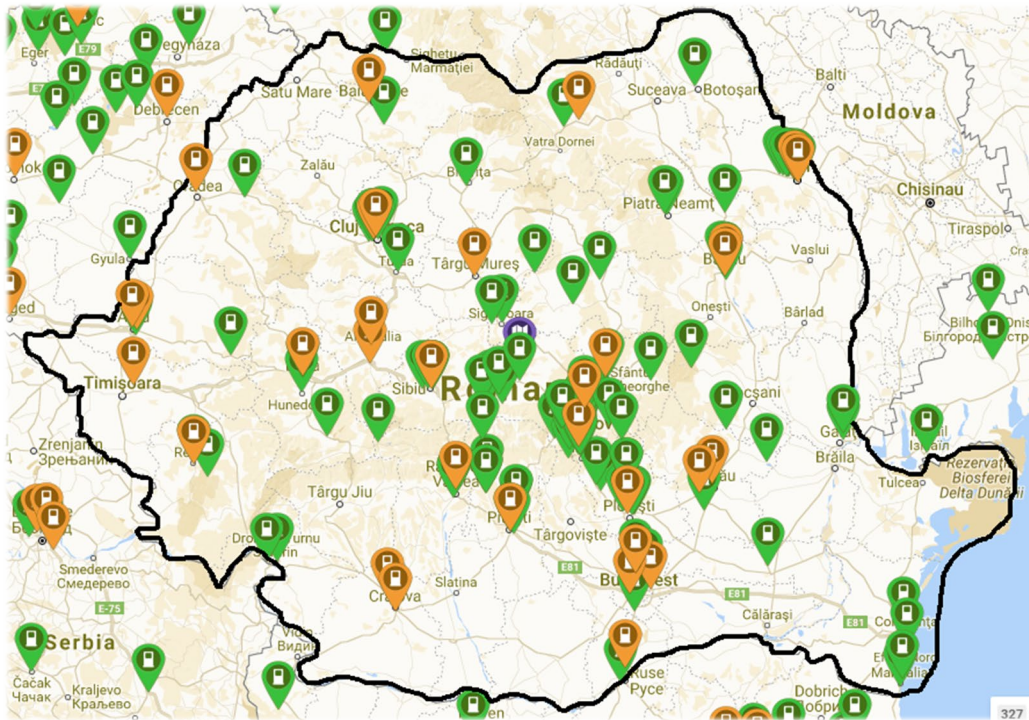
## Electric Mobility

“JALOPY PLUS” Programme - Yearly Evolution





# Public Charging Stations in Romania



- **320 public charging stations**<sup>(1)</sup> currently installed in Romania (49 Fast Chargers)
- The coverage is national, in **all major Romanian** cities
- **111 charging stations** installed in Bucharest (14 Fast Chargers)
- In 2017, EFA financed 17 charging stations, EUR 350,000 worth in total

<sup>(1)</sup> According to PlugShare.com

# The City Public Charging Stations Programme



The development of the municipal public network of charging stations for EVs, by installing charging station in all major cities/ “county towns”:

- The program started in October 2018;
- To date, **24 cities** submitted requests for **189 charging stations / 423 charging points**;
- The implementing phase starts by mid-2019;
- The budget of the programme is **EUR 20,000,000**.

# The National Infrastructure of Public Charging Stations Programme



The development of the national infrastructure network of charging stations for EVs, with the aim to (1) connect the major cities and (2) cover the highways and national roads networks;

- The charging stations will be installed on the main national roads and highways **on a 70-km range basis**;
- For this programme, **a state aid scheme** has been notified at the **European Commission**;
- The budget of the scheme for a 6-year timespan is **EUR 54,000,000**.

# State aid scheme regarding the development of the public charging station infrastructure [1/2]

The main objective of the scheme is to support the development of EVs charging infrastructure. The subsequent goals are reducing the oil dependency and decreasing the negative impact of the transportation sector over the environment.

The scheme is **addressed to economic operators.**

**Intensity of the aid** - maximum 90% of the total eligible expenses, set for every call depending on the results of the previous call.



## Eligible expenses:

- the procurement of charging stations for EVs
- installing/commissioning the charging stations
- manufacturing and installing road signs for signalling the charging stations

# State aid scheme regarding the development of the public charging station infrastructure [2/2]

## Stages of financing

The scheme is split in two phases:

- **Phase I:** the TEN-T network in Romania, respectively the Far East-Mediterranean road corridor, the Rhein-Danube road corridor, as well as other highways, European, national and express roads
- **Phase II:** cities

## Aid amount:

- the maximum grant per project is **EUR 3,200,000**, or 25% of every call's budget, whichever threshold is met first
- the aid intensity – max. 90% of the total eligible expenses
- the overall budget earmarked for the scheme, on the 6-year timeframe – **EUR 54,000,000**



The state aid scheme should be approved until June 2019, and the programme launched by September 2019.

# Renewable Energy

## Financing equipment for power production from RES



- The financing of power production equipment from RES (PV panles), with an installed capacity of max. 3 kW
- The **beneficiaries are households**. The households will become **prosumers**, the extra available energy being delivered to the national grid
- The programme budget - **EUR 145,000,000**, partly from **EU funds** and partly the **EFA funds**
- Estimated no. of beneficiaries – **30,000 households**
- The programme has been launched in **January 2019**, by selecting the companies which are supposed to install the PV panels
- the implementation **should start by June 2019**.

*EFA is the acronym of Environment Fund Administration*

# The Energy Supply for Houses in Remote Areas Programme

EFA will support a programme for households with no access to grid/electricity, in remote areas (2 km away from the grid), by installing PV panels / systems of 1 kW capacity

## The grant:

100% from the eligible expenses, capped at EUR 5,000 per PV system (per household)

## The budget:

- total of **EUR 50,000,000**
- funding for about **10,000 households**

## Eligible expenses:

- a) the PV system, including a battery
- b) the external and internal electrical installation in the house;
- c) installing and commissioning the PV system
- d) VAT on eligible expenses.

The programme has been launched in **May 2019**.

# Green Public Transport

## Grants for the Purchase of New, Environment Friendly Public Transport Vehicles



Grants for the purchase of new electric, hybrid-electric or CNG based buses/trolley-buses:

- **beneficiaries – county towns**
- programme launched in **October 2018**
- **Bucharest** and **Brasov**, approved for the purchase of electric and hybrid-electric buses and trolleys
- budget – **EUR 100,000,000**



# Sewerage and water treatment plants



Since the beginning of the program, in 2005, the overall contracted projects' value is **EUR 130,000,000.**

**One million citizens** benefited from the programme.

# The Reforestation of Degraded Areas



To date, the total financed value within this programme is **EUR 71,000,000.**

Planted area – **10,000 ha**





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## Questions on the main topics addressed:

- Reduction of CO<sub>2</sub> emissions
- RES based heating systems
- EU ETS
- The Jalopy Programme & EVs
- EV charging stations
- PV panels
- Green Public Transport
- Sewerage and water treatment plans
- The reforestation of degraded areas

