



REPUBLIC OF CROATIA
MINISTRY OF ENVIRONMENT
AND ENERGY

MULTILATERAL ASSESSMENT

Republic of Croatia

Bonn, 24th June 2019

National circumstances

- Name: Republic of Croatia
- Land area: 56 594 km²
- Population: 4 124 531
 - 2017 mid-year estimate
- Population density per km²: 72,9
- Gross domestic product per capita,
 - 2017, 11 882 euros
- Capital: Zagreb
- EU Member: since 1 July 2013



EU and national climate obligations

- EU wide target by 2020 (1990): - 20 %
 - ETS: - 21 % (2005)
 - non-ETS (country specific): + 11 %

Sectors covered: all IPCC sources and sectors, as measured by the full annual inventory and international aviation to the extent it is included in the EU ETS

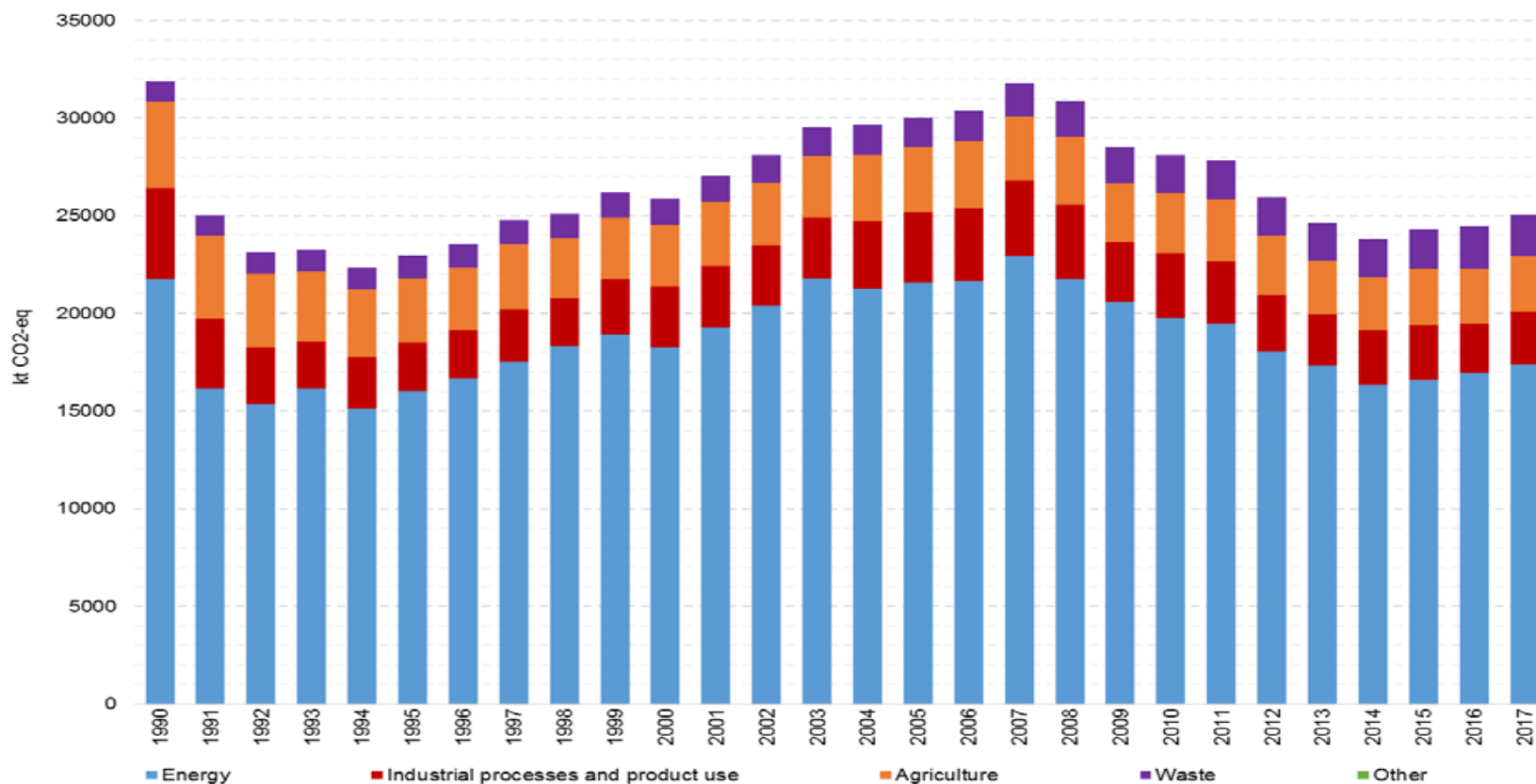
Land Use, Land-Use Change, and Forests: accounted under KP, reported in EU inventories under the Convention. Assumed to produce net removals

- EU wide target by 2030 (1990): - 40 %
 - ETS: - 43 % (2005)
 - non-ETS: - 30 % (2005), for Croatia -7 %
- Croatia fulfils its obligations

Progress – GHG emissions

Trend of GHG emissions, by sectors (without LULUCF)

TOTAL GHG EMISSIONS IN 2017: - 21,4% BELOW 1990 LEVEL (WITHOUT LULUCF)*

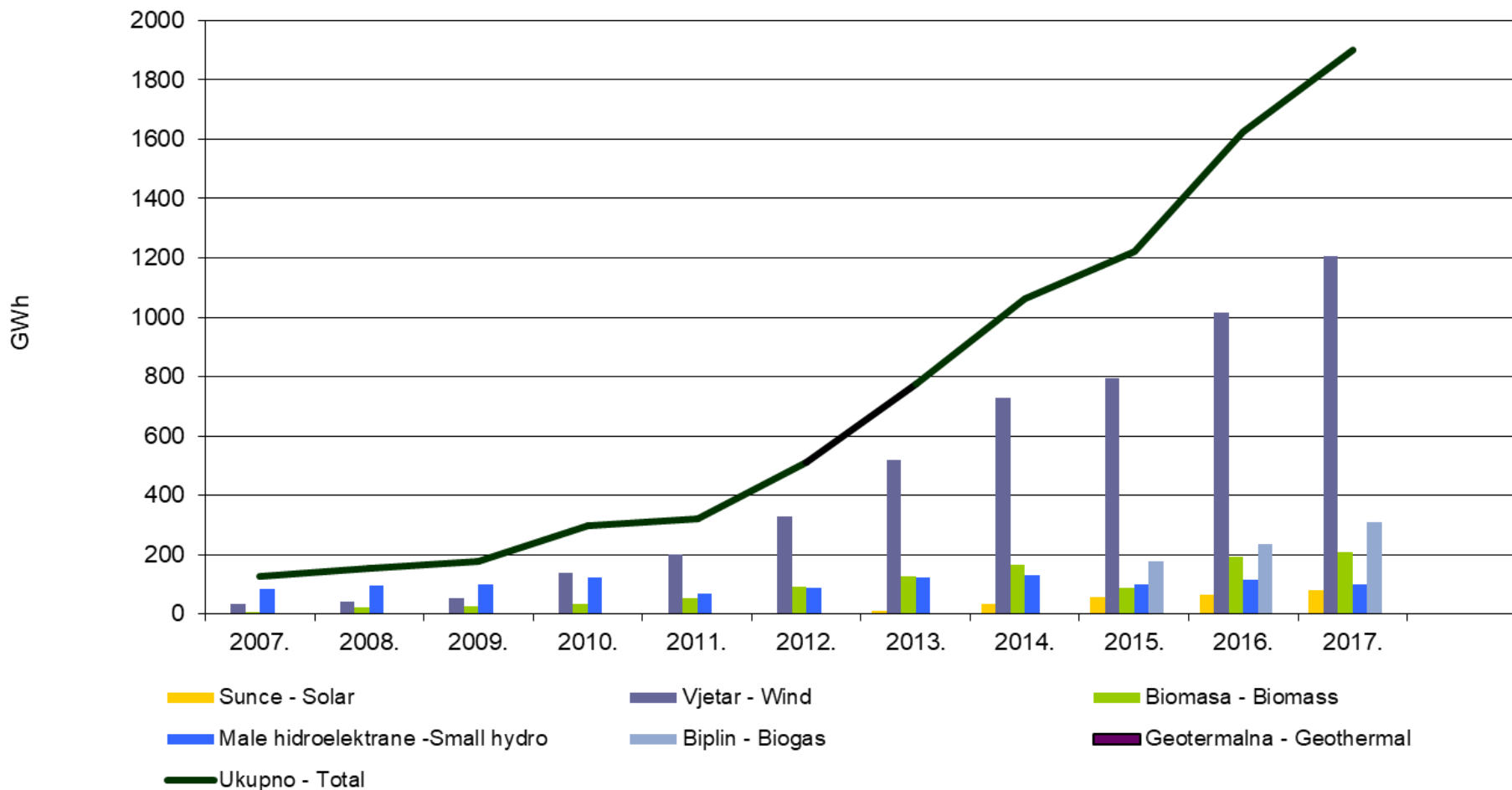


* NIR 2019

Monitoring of GHG Emissions, Policies and Mitigation Measures in the Croatia

- A **national system for monitoring the implementation of policies and measures** for the reduction of the greenhouse gas emissions and projections has been established
- The **fulfilment of the obligation is under the competence of state administration authorities** competent for environmental protection, construction, the economy, energy industry, entrepreneurship, agriculture, forestry, tourism and transport
- **Ministry controls the fulfilment of the obligation**
- **Ministry recommends additional measures** for reducing greenhouse gas emissions with the aim of meeting the obligations
- Committee for inter-sectoral coordination for climate change mitigation and adaptation policies and measures

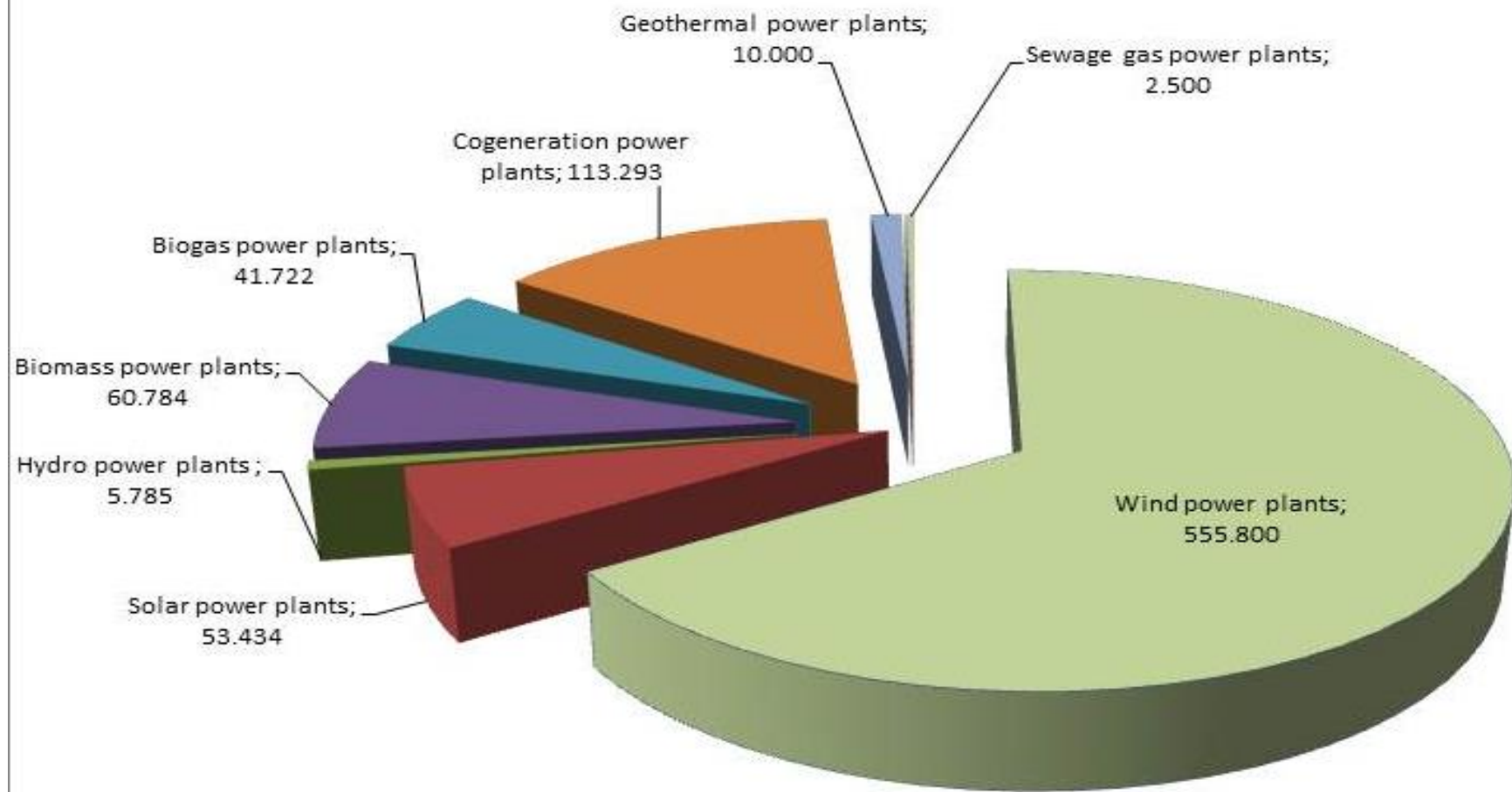
Significant growth of share of RES, share in gross final energy consumption **27.3% (2017)**



RES-Electricity generation in Croatia (GWh)

Target: 20% of renewable energy in gross final energy consumption to in 2020

Eligible producers installed capacity (kW); April 2019



**Renewable energy sources – electricity installed capacity
Croatia in feed-in tariff system**

Energy efficiency target and PaMs

- **Energy efficiency target: from 1 January 2014 till 31 December 2020** energy saving is 1,938 PJ annually, respectively cumulative 54,250 PJ, e.g. **9% in comparison of the final energy consumption in period 2001-2005**
- **From 1995 till 2017, the energy efficiency enhancement index (ODEX) decreased, energy efficiency for the overall economy in Croatia was enhanced** in all for more than 20 per cent;
- **The long-term strategy to encourage investment in the refurbishment of the national building** stock of the Republic of Croatia by 2050 has been adopted in June 2014.
- **The Program for Energy Efficiency in Heating and Cooling**
- **The Program for the Energy Efficiency in Public Lighting** until 2025
- **4th National Energy Efficiency Action Plan for the Period of 2017-2019**

Transport sector PaMs

- between **1991 and 2017 the share of transport sector** consumption in the final energy consumption raise, indicating great potential for implementing energy efficiency measures

PaMs:

- Introduction of **scheme for new charge for vehicles**
- **Increasing of the consumers awareness** related to efficiency of cars, CO₂ emissions, efficiency of tiers
- **Public procurement for clean and energy-efficient road transport vehicles**
- Financial support for developing the **infrastructure for alternative fuels**, currently was built over **200 charging stations** for electric vehicles
- **Advanced regulation of traffic in urban area**, equipped with intelligent traffic lights
- **Eco-driving** training for drivers of road vehicles
- **Intermodal freight transport**

for 1 € of incentives, 3 € investments

more than 35.000 implemented/contracted projects

launched over € 2 billion in investment

> 700 million EUR – total investments in period 2004- 2018

Public lighting and industry

Sustainable construction (buildings)

Renewable energy sources

Clean transport

Education, research and development

Other projects (international cooperation, energy policy development and implementation, promotion)

New Strategic Documents

- Draft **Low Carbon Development Strategy** till the 2030, with the view to 2050
- Draft **Energy Development Strategy** till 2030 with the view to 2050
- The **Integrated Energy and Climate Change Plan** for the Period of 2021-2030 (NECP)
- **Climate Change Adaptation Strategy** in the Republic of Croatia for the period to 2040 with a view to 2070;
- **National Development Strategy till 2030**

Thank you for your attention!

