

## Multilateral Assessment

United Nations Framework Convention on Climate Change



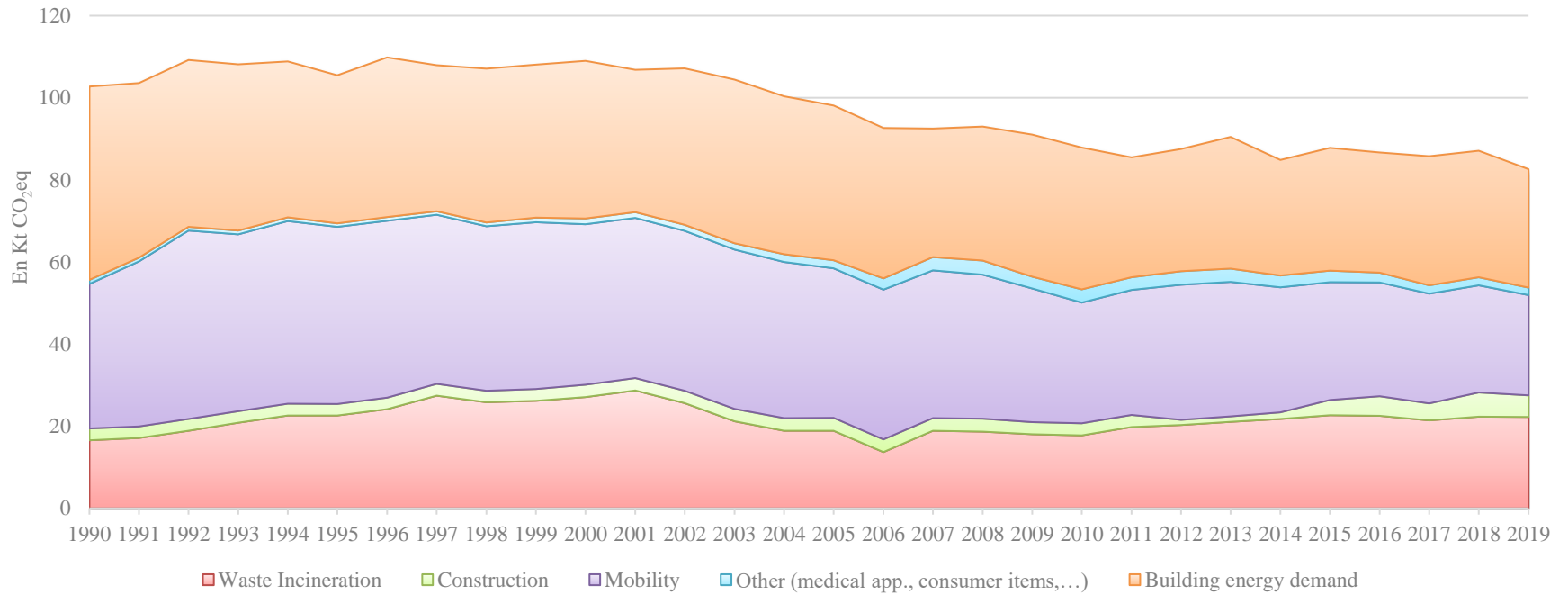
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Department of Environment

# National Circumstances

- City state of 2,08 km<sup>2</sup>
- Population of around 38 350 inhabitants in 2020 (19 175 inhabitants/km<sup>2</sup>)
- Economic center : 55 919 employees
  - 87,8% live outside Monaco
- 2019 GDP was 6.63 Billions euros
- Net importer of Energy
- No agriculture nor forest



# Evolution of overall GHG emissions



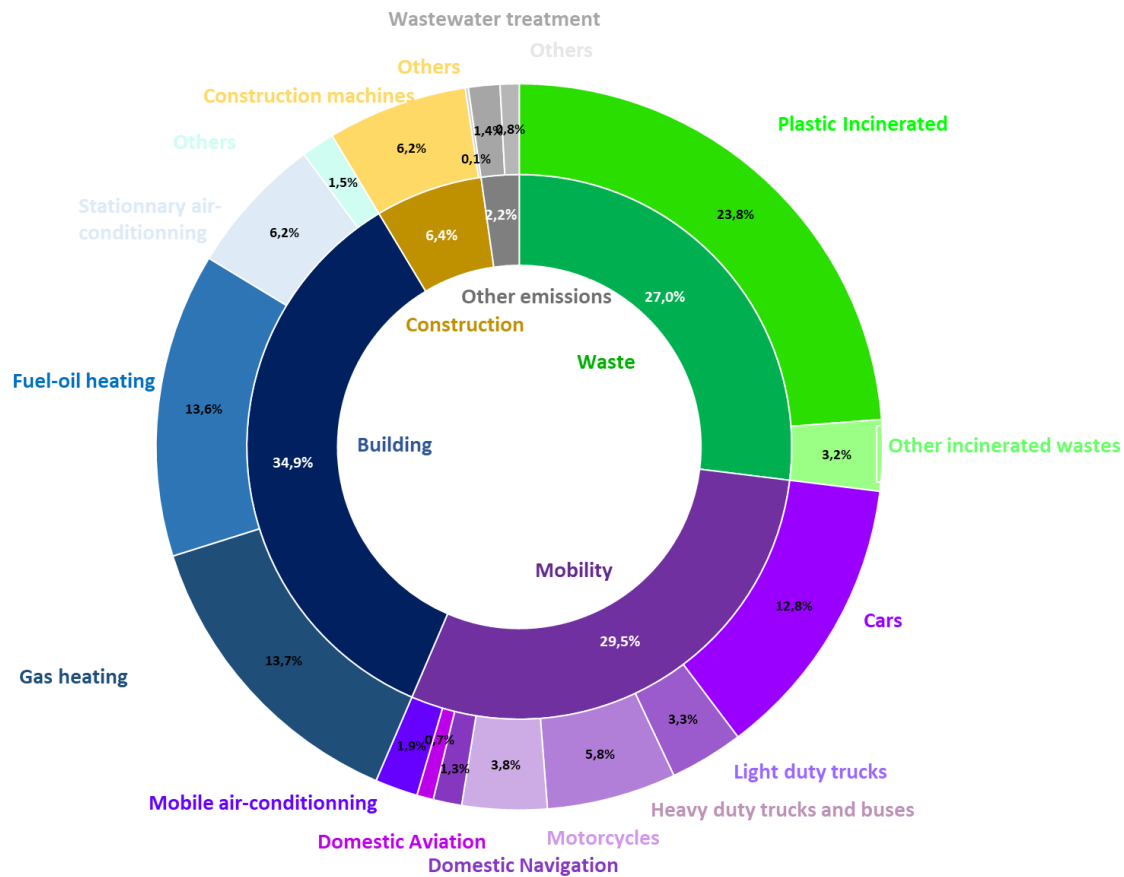
Source: National GHG Inventory Report 2021

## Monaco GHG emissions:

- 82,61ktCO<sub>2</sub>eq in 2019
- -19,6% compared to 1990



# Categories of GHG emissions

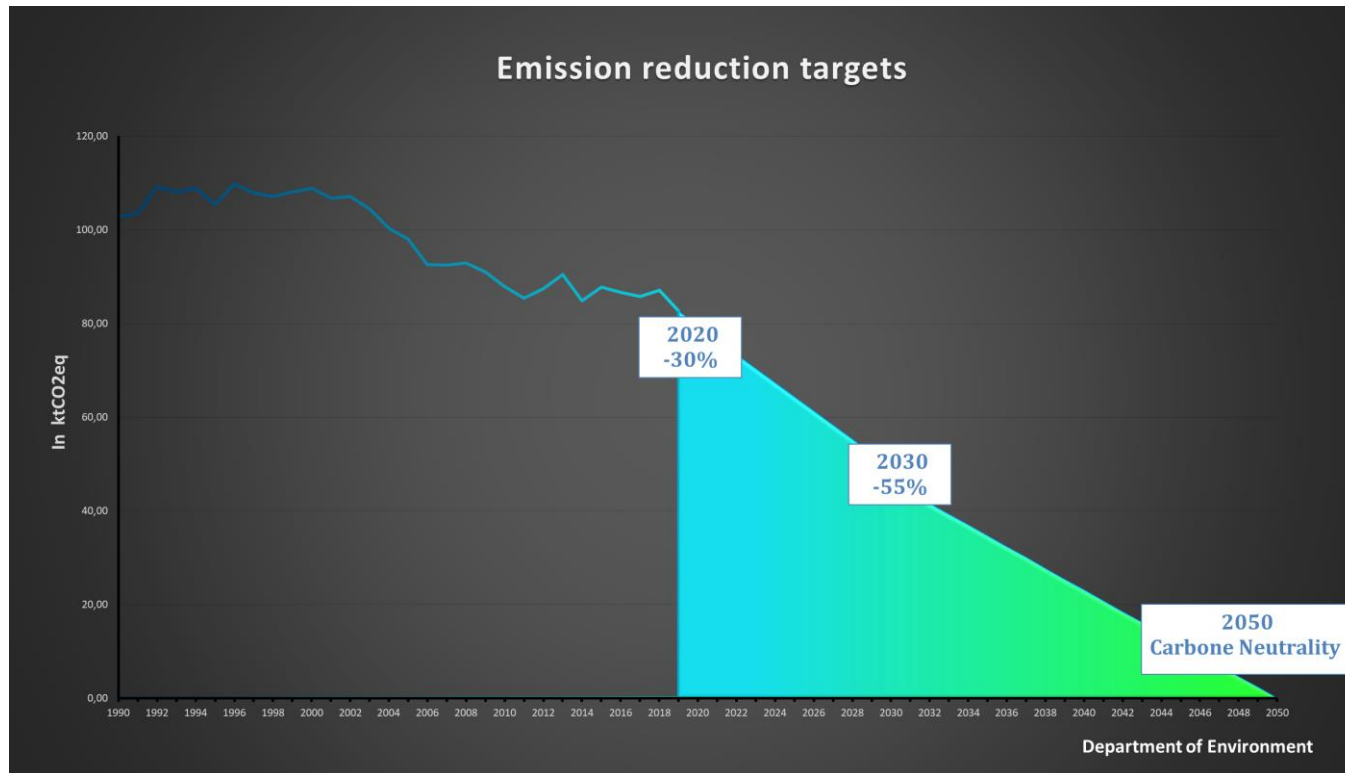


**2019 GHG emissions by category**

Source: 2021 National Inventory Report - UNFCCC- Department of Environment



# Emission reduction Targets



Targets are adopted by Sovereign Ordinance No. 8.844 of 2020 december, 24th Updated National Determined Contribution submitted on 2020 december, 28th



The targets cover all sectors and all GHGs  
Monaco could use units from market-based measure to achieve their objectives

# Key Policies and Measures to Reduce Emissions

## General

- National Energy Transition Pact
- Committed Retailer and Restaurant Label



**Restaurant  
Engagé**



**Commerce  
Engagé**

## Waste

- Approval of a Wastes disposal plan to establish a framework on waste management by 2030 with a target of 0 single-use plastic in 2030  
(Prevention of waste production - Wastes sorting and plastic recycling)
- Wastes regulations (General waste regulation, specific regulation on plastic bag and single use plastic utensils)
- Renewal of the waste treatment facility focused on environmental impacts and on integration of new technologies
- Carbon offset of emissions due to the incineration of waste imported French



# Key Policies and Measures to Reduce Emissions

## Transport

- Clean mobility subsidies (electric / hybrids vehicles, electric bicycles) represent 10% of the vehicles fleet
- Development of public transport infrastructures (logistics hub, multipurpose commuter parking, specific lanes transportation)
- Replacement of thermal buses by electrical buses
- Measures to encourage the use of bicycle and car sharing

## Building

- Domestic fuel-oil ban in buildings for heating and hot water in 2022
- Large development of district heating-cooling networks
- Obligation to achieve energy audit in every buildings
- Specific Environmental Certification for construction and renovation of buildings (Mediterranean Sustainable Building of Monaco)
- Green electricity for all the residential customers
- Financial aids for building renovation and for renewable energy production



# Experience with the IAR Process

MA gives the opportunity to present concentrate information on challenges and progress implementing measures to reduce GHG emissions.

The new MA format allows the time allocated to be focused on the exchange with other Parties





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**Thank you for your attention**

