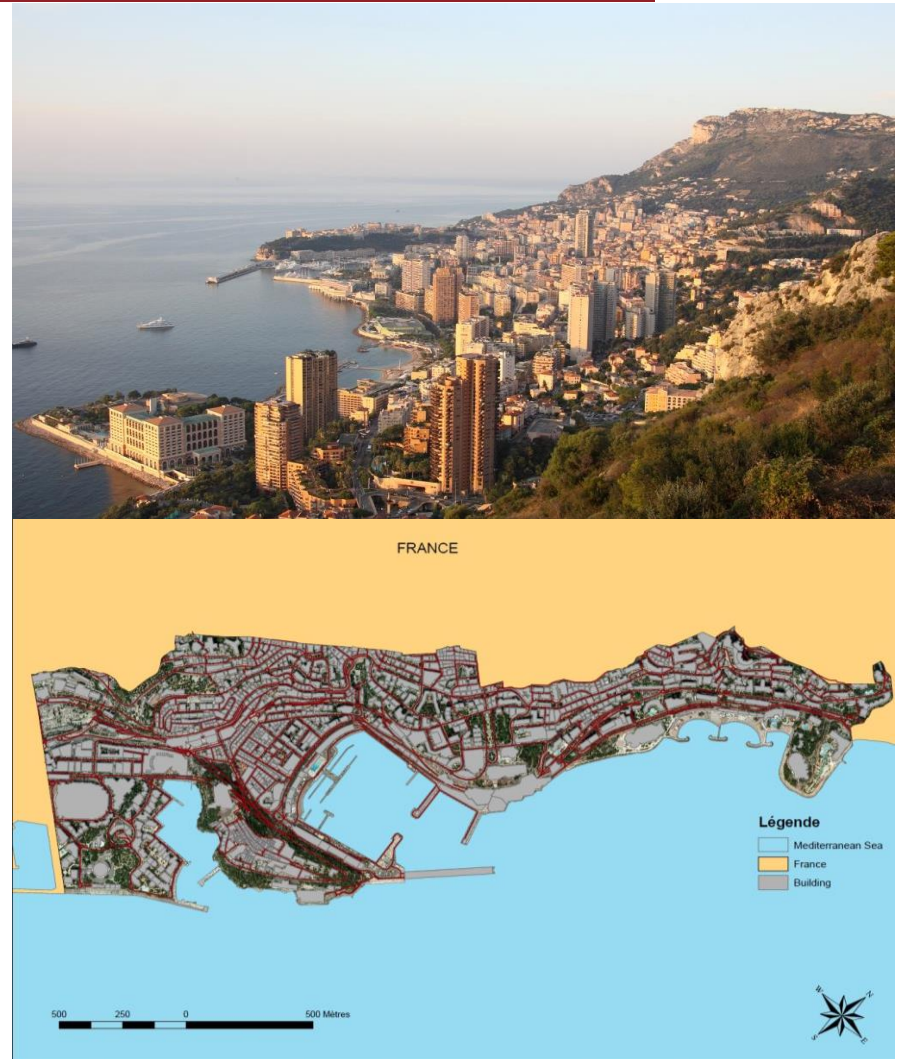


# Multilateral Assessment

United Nations Framework Convention on Climate Change  
SBI 50 - June 2019

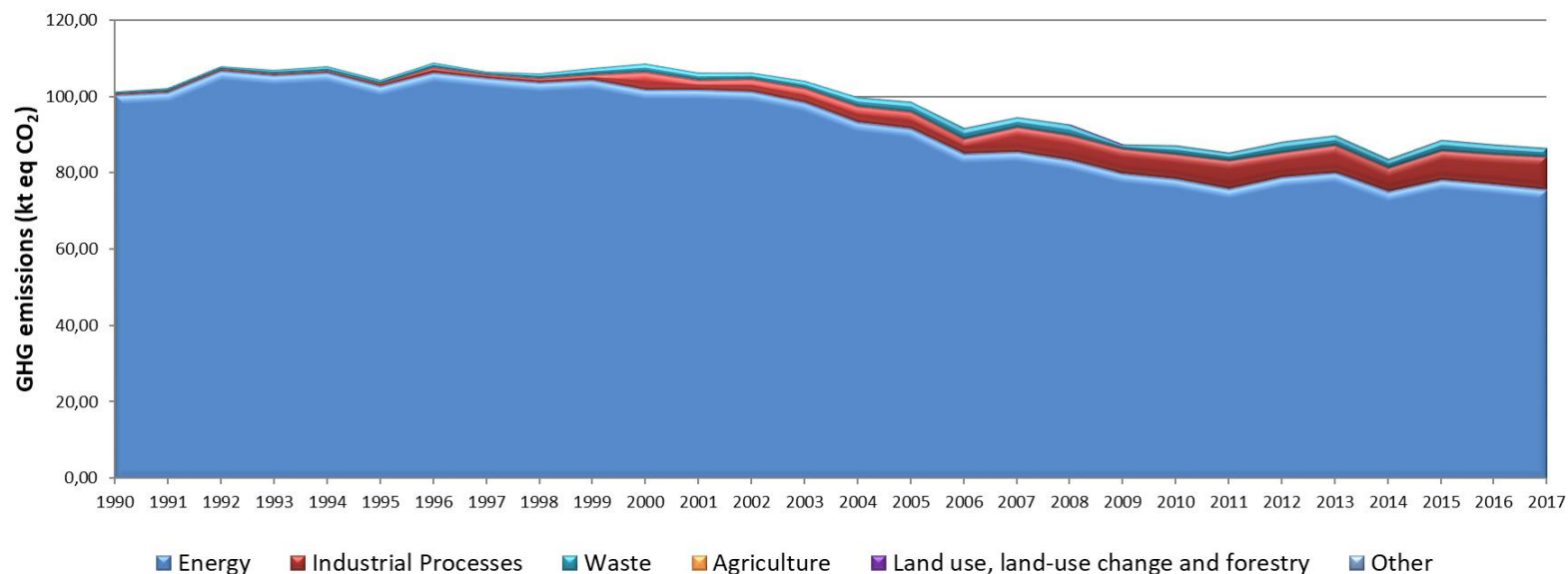
# National Circumstances

- City state of 2 km<sup>2</sup>
- Population of around 38 300 inhabitants in 2017 (19 150 inhabitants/km<sup>2</sup>)  
**+28% compared to 1990**
- Economic center : 54 400 employees  
**84% live outside Monaco**
- 2016 GDP was 5.85 Billions euros  
**+73% compared to 2005**
- Net importer of Energy



# Evolution of overall GHG emissions

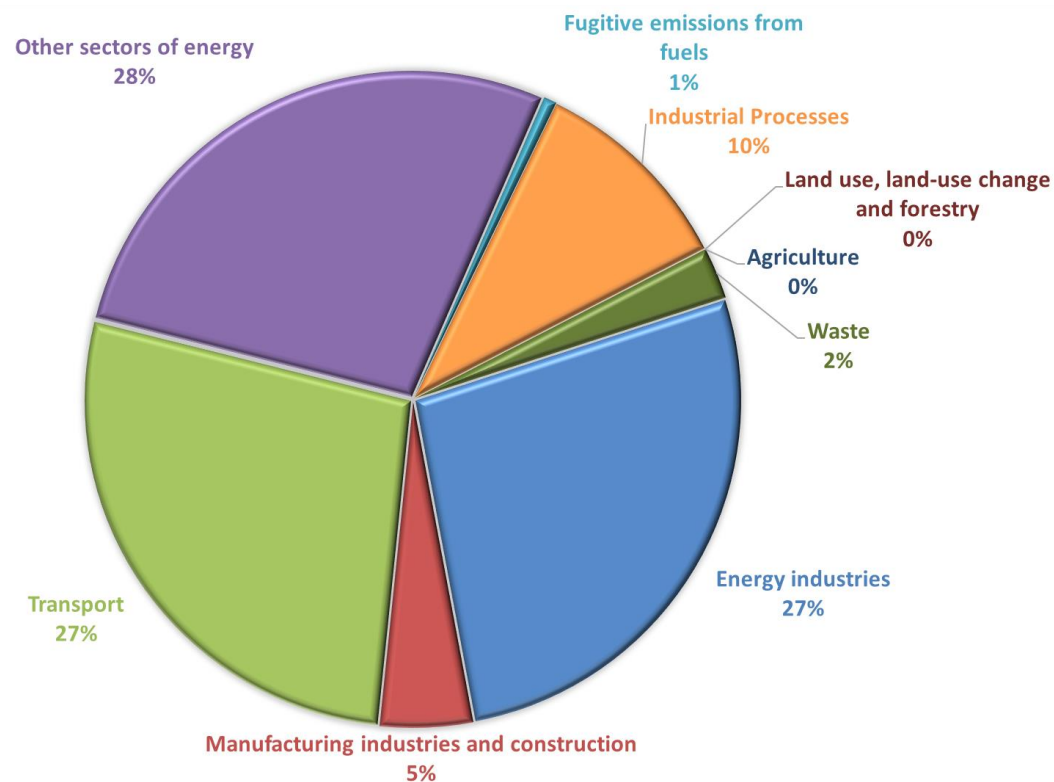
- Emissions peaks observed in 2000
- Gradual decrease of the energy sector emissions since 2000
- Increase of the industrial sector emissions (F-Gas)



Source: National GHG Inventory Report 2019

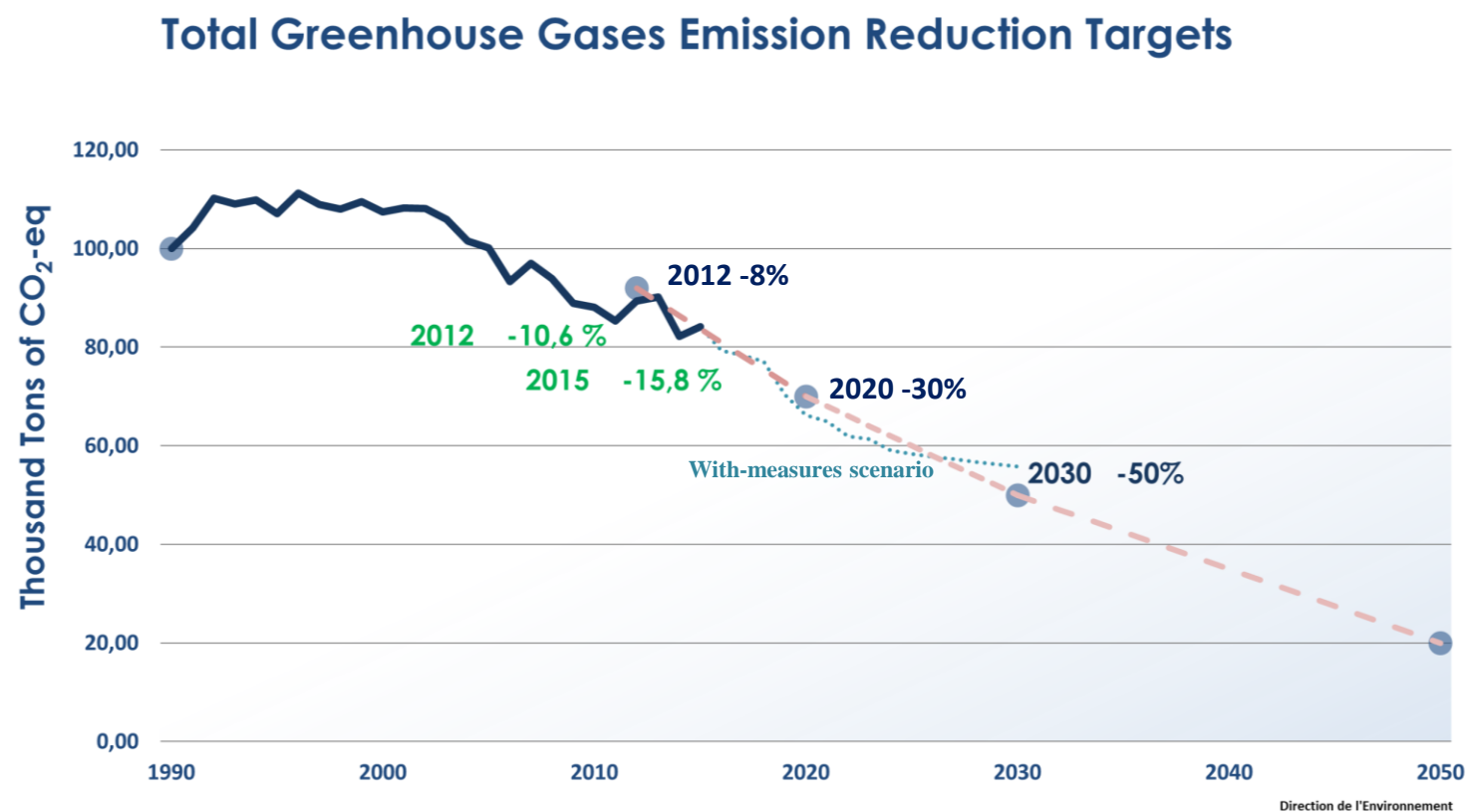
# Categories of GHG emissions

- Energy is the main sector of GHG emissions (87%)



Source: National GHG Inventory Report 2019

# Climate Commitment



Source: 3rd Biennial Report - 2017

# Energy Targets

**In addition to its climate commitments,  
Monaco is also committed to the following energy 2020 targets:**

- 20% increase in energy efficiency in buildings
- Consumption of 20% of final energy produced from renewable sources

**In order to achieve its objectives, Monaco implemented an  
energy and climate actions plan.**

**The update of this plan to reach the 2030 target is on going**

# Key Policies and Measures to Reduce Emissions

## General

- National Energy Transition Pact
- Committed Retailer and Restaurant Label



Monaco Ministers

## Waste

- Approval of a Wastes disposal plan to establish a framework on waste management by 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

# Key Policies and Measures to Reduce Emissions

## Transport

- Clean mobility subsidies (electric / hybrids vehicles, electric bicycles)
- Development of public transport infrastructures  
(logistics hub, multipurpose commuter parking, specific lanes transportation)

## Building

- Domestic fuel-oil ban in buildings for heating and hot water in 2022
- Large development of district heating-cooling networks
- Green electricity for all the residential customers
- Increase to 30% the share of biogas in the natural gas
- Obligation to achieve energy audit in every buildings
- Specific Environmental Certification for construction and renovation of buildings  
(Mediterranean Sustainable Building of Monaco)

## Industry

- Regulation on fluorinated gas



# Monaco - Multilateral Assessment

**Thank you for your attention**

