

# Multilateral Assessment

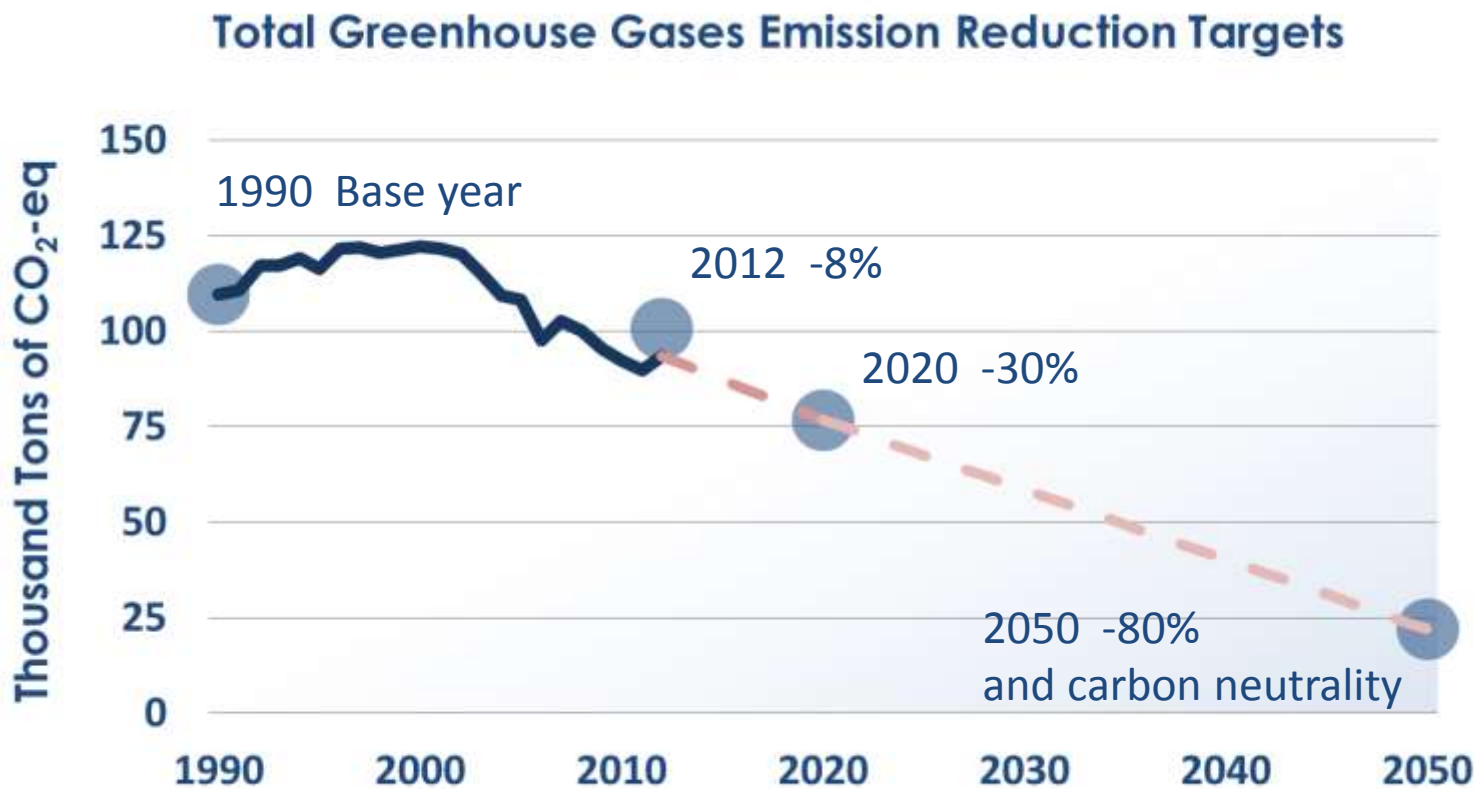
United Nations Framework Convention Climate Change  
SBI42 - June 2015

# Monaco - National Circumstances

- City state of 2 Km<sup>2</sup>
- Population of 37 000 inhabitants (18 500 inhabitants/Km<sup>2</sup>)
- Economic center : 50 000 workers.
- 2012 GDP was 4.48 Billions euros
- Net importer of Energy



# Monaco - Climate Commitment



# Monaco - Climate and Energy Targets

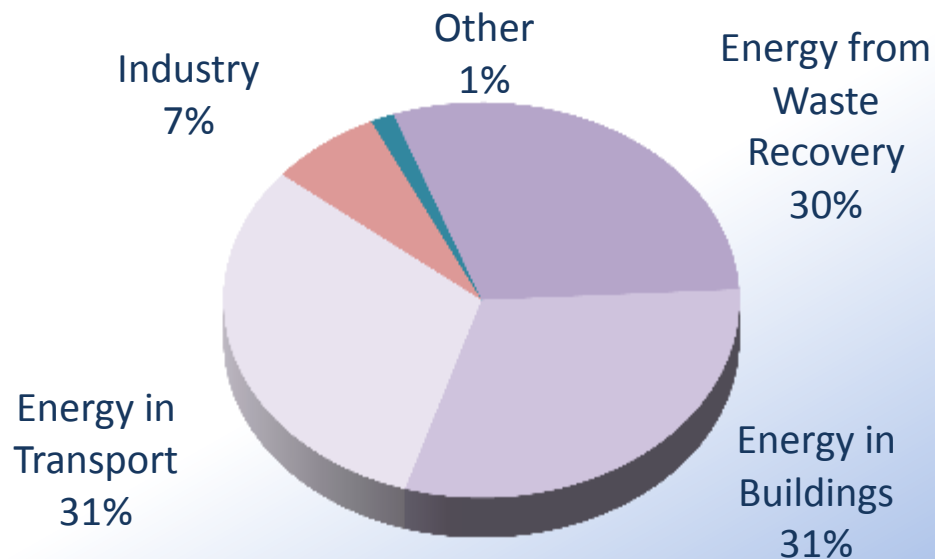
**In addition to its climate commitments, Monaco is also committed to the following energy targets:**

- Increase up to 20 % energy efficiency in buildings
- Consume 20 % of final energy produced from renewable sources
- Maintain a stable peak in electricity consumption

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

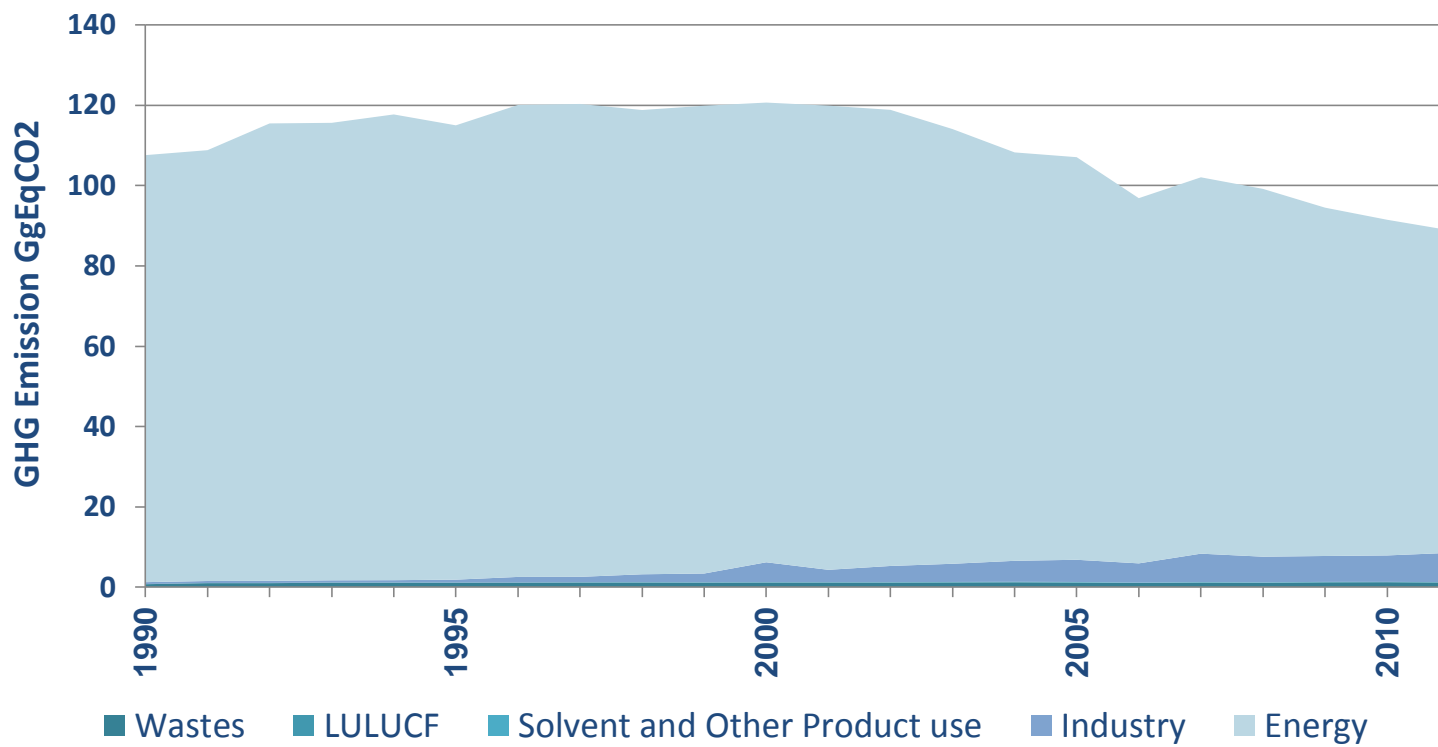
# Monaco - Distribution of GHG emissions (2012)

- Energy is the main sector of GHG emissions
- The major part of emissions in the industry sector, is due to F-Gas use in mobile and stationary air conditioning



# Monaco - Trend of overall GHG emissions

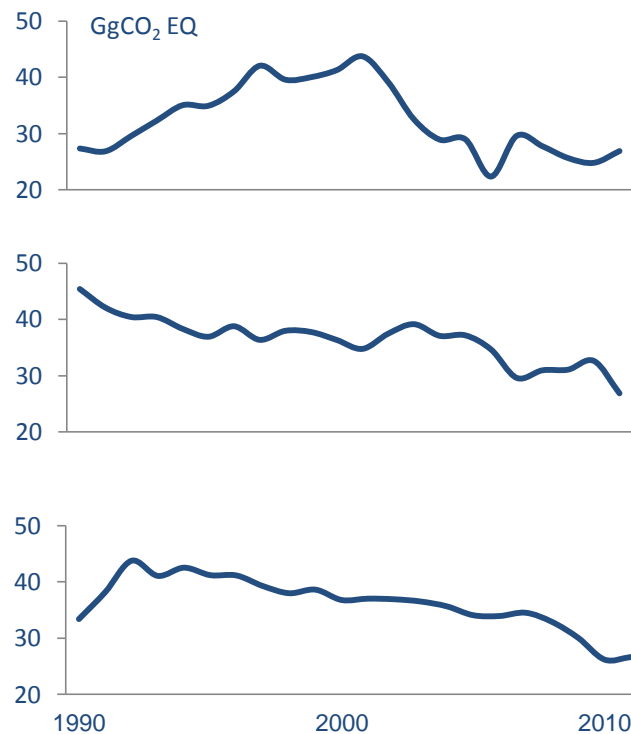
- Emissions peak observed in 2000
- Gradual decrease of the energy sector emissions since 2000
- Increase of emissions in the industrial sector (F-Gas)



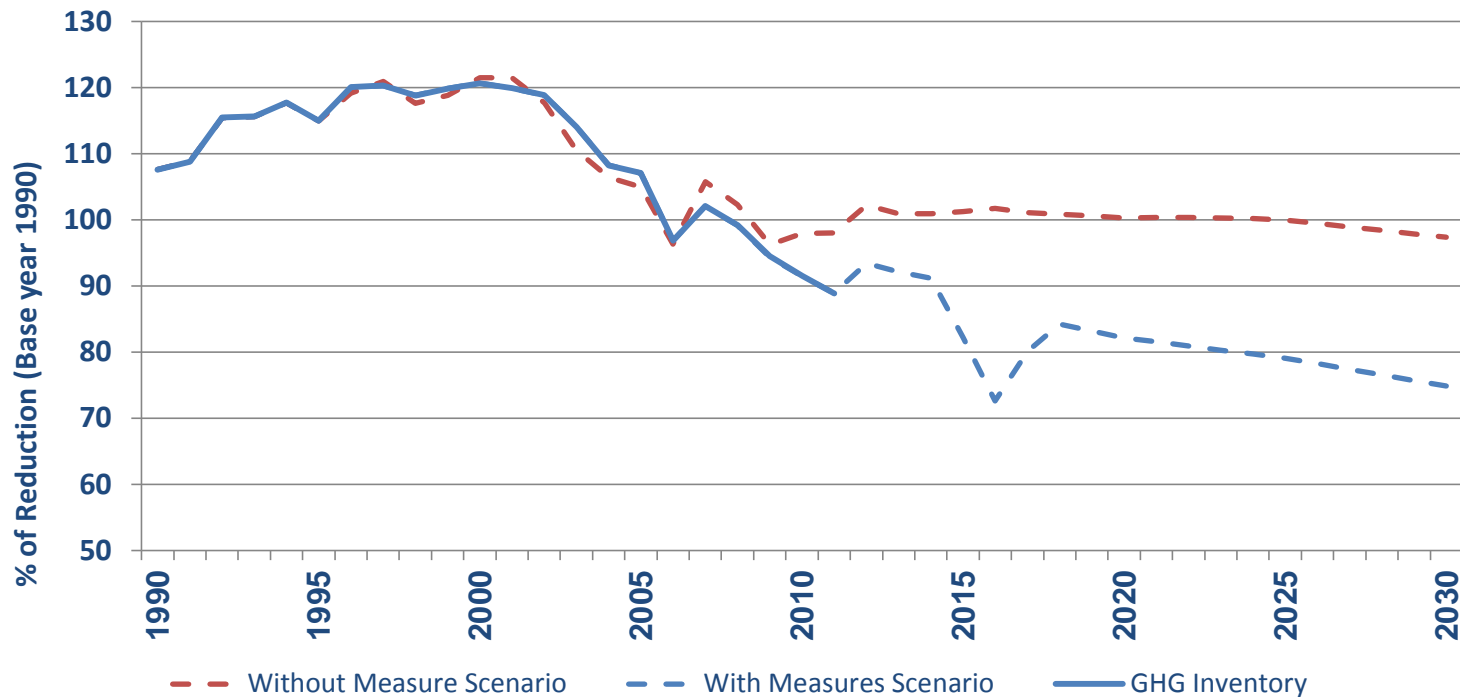
# Monaco – Results in emissions reductions

## Monaco Policies and Measures deliver the main results in GHG emissions reduction

- Limitation of waste amount in energy production from the waste to energy facility
- Urban renewal and the banning of domestic fuel boiler in new buildings
- Clean mobility policy



# Monaco – GHG Projections



- The **with measures scenario** shows that emissions will be reduced by 17% in 2020 compared to the **without measure scenario**
- According to NC6 Projections, meeting the target of -30% in 2020 will not entirely be ensured by domestic emissions reduction



# Monaco - Additional measures

**Additional measures are currently being defined or implemented in order to achieve QEWERT and long term targets:**

- **Waste Management**

Prevention of waste production - Renewal of the waste treatment facility focused on its environmental impacts and potential energy production

- **Enforcement of measures in transport**

Promotion of clean vehicles - Soft mobility - Interoperability - Infrastructures for intra-urban logistic

- **Energy transition strategy in buildings**

Gradual substitution of fossil fuel - Energy efficiency - Renewable energies implementation