

# Hellenic environmental policy

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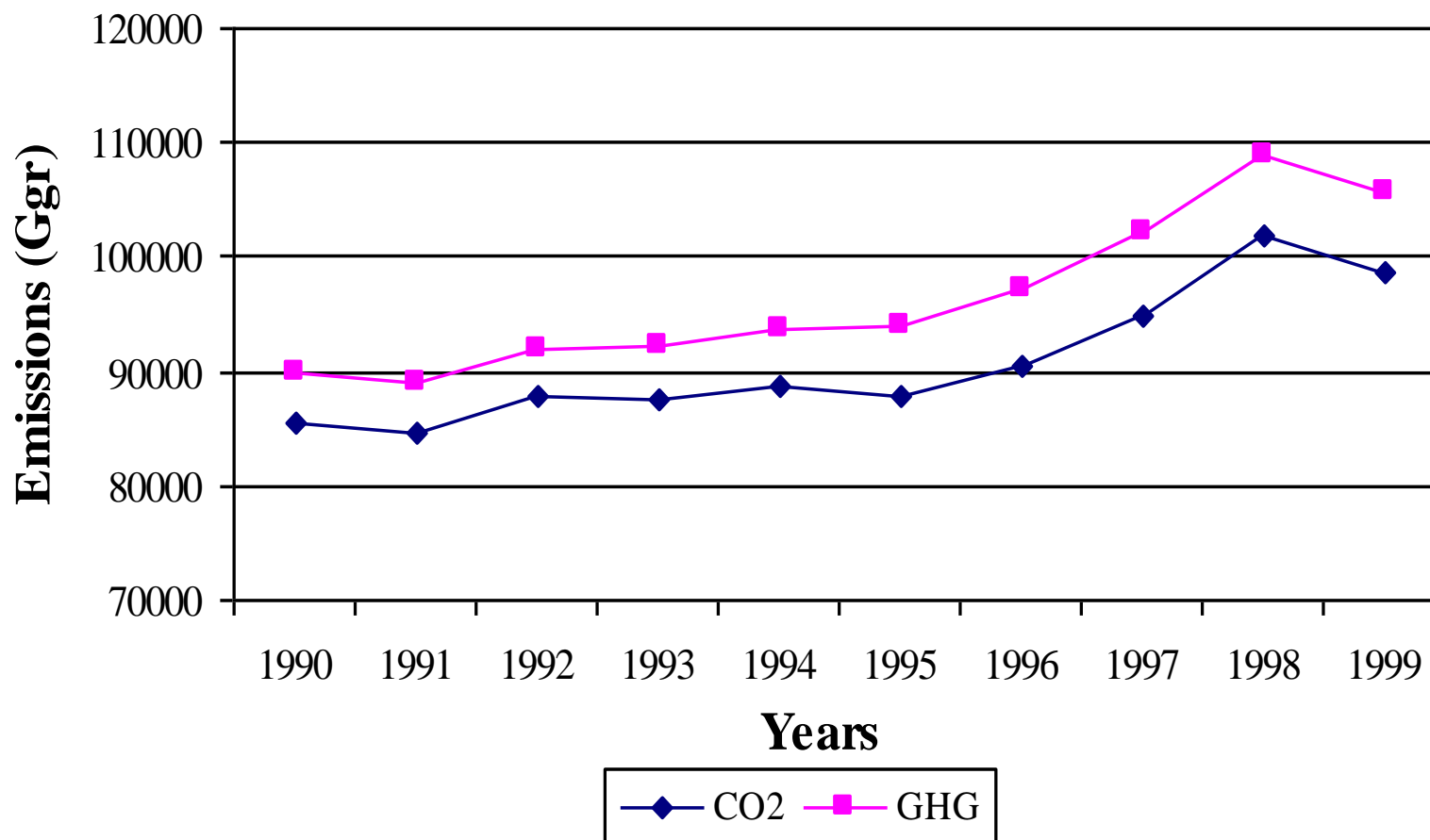
## Key Issues

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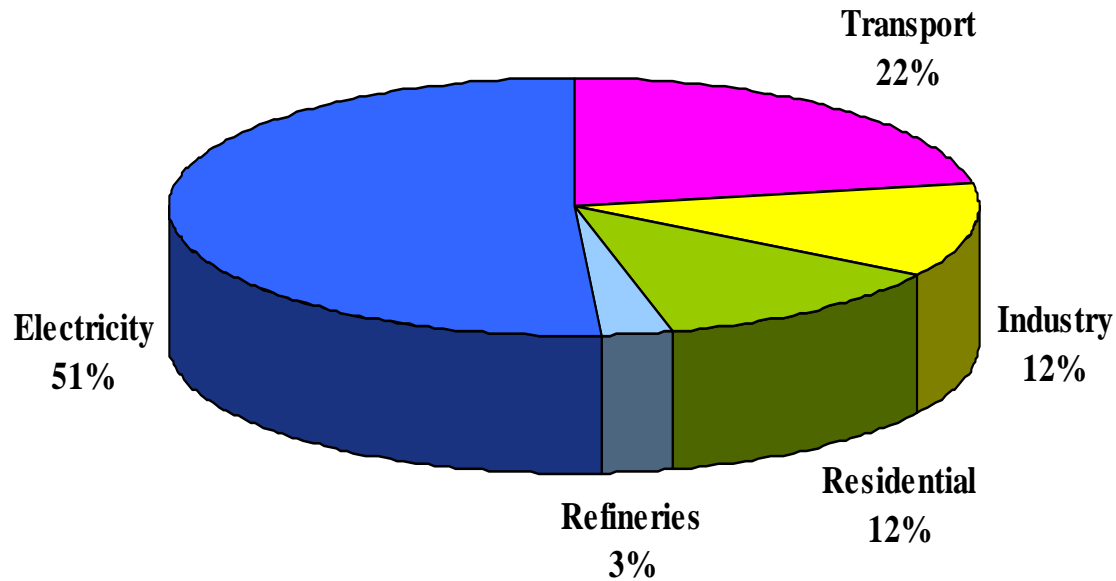


# Greenhouse Gas Emissions



# Carbon Dioxide Emissions (1999)

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# Obligations of Hellas

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- Signed the UN Framework Convention on Climate Change in 1994
- Developed the National Action Plan for the abatement of CO<sub>2</sub> and other GHG emissions in 1995
  - Restriction of the overall CO<sub>2</sub> emissions increase to 15% ± 3% during the period 1990-2000
- Under the Burden Sharing Agreement (1998) Hellas is allowed to a 25% increase of GHG emissions by 2008-2012, compared to 1990 levels



# National Climate Change Policy Laws

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- Law 2244/94: Electricity generation from RES and conventional fuels
  - Favourable electricity tariffs to producers
  - Cogeneration investment opportunities
- Law 2364/95: Introduction of natural gas and creation of Energy Control & Design Body
  - 75% tax reduction of purchase and installation costs of appliances using natural gas and renewable sources
- Law 2773/99: Liberalization of electricity
  - Regulatory authority for electricity market (RAE)
  - License for any activity concerning generation, transmission, distribution and supply of electricity
  - Ownership, operation and exploitation of distribution network by the public power corporation (DEI)



# National Climate Change Policy Programmes – Plans (I)

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- National Action Plan (1995)
  - Introduction of natural gas
    - Electricity generation, industrial and residential sectors
  - Modernization of the existing power system
  - Development of cogeneration units in existing and planned power stations
  - Exploitation of RES
  - Energy conservation measures in buildings and manufacturing units
  - Energy consumption measures in transport sector



# National Climate Change Policy Programmes – Plans (II)

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- Energy 2001 (1997)
  - Promotion of RES in household and commercial sectors
  - Energy savings in energy and building sectors
- Attica SOS - Thessaloniki SOS
  - Improvement of traffic conditions and public used vehicles
  - Land and town planning
  - Urban pollution control and reduction
- Operational Programme for Energy (1994-1999)
  - Construction of electricity generation facilities and DEI upgrading
  - Energy conservation in industrial and tertiary sectors
  - Exploitation of RES
  - Systematic research investigation for mineral resources exploitation



# National Climate Change Policy Programmes – Plans (III)

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- National Planning of Waste Management
  - Prevention or reduction of produced waste and their concentration in hazardous substitutes
  - Waste exploitation
    - Recycling and energy recovery
  - Waste disposal, landfill restoration
  - Use of the best available techniques, where feasible
- Operational Programme “Railways, Airports, Urban Transport” (2001)
  - Improvements and energy efficiency in the transportation means
    - Energy efficiency in buildings
    - Technologically advanced public buses and trains





# Conclusions

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- The environmental policy that Hellas has adopted, led to 15.24% increase rate of CO<sub>2</sub> emissions, for the year 1999 compared to 1990, which is within the predetermined target
- Hellas has implemented and will implement the EU environmental policy
- There is a need to introduce additional measures in order to comply with the future requirements of EU legislation

