

# Executive Summary

- [Executive Summary](#)

## 1 - Introduction

- [Chapter 1: Introduction](#)
  - [1.1 National Inventory Background](#)
  - [1.2 Institutional Arrangements](#)
  - [1.3 Inventory Preparation Process](#)
  - [1.4 Methods & Data Sources](#)
  - [1.5 Key Categories](#)
  - [1.6 QA/QC & Verification methods](#)
  - [1.7 General Uncertainty Evaluation](#)
  - [1.8 General Assessment of Completeness](#)

## 2 - Explanation of Key Trends

- [Chapter 2: Explanation of Key Trends](#)

## 3 - Energy (NFR 1)

- [Chapter 3: Energy \(NFR 1\)](#)
- [1.A Fuel Combustion Activities](#)
  - [1.A.1 Energy Industries](#)
  - [1.A.2 Fuel Combustion Activities in Industries and Construction](#)
  - [1.A.3 Transport](#)
  - [1.A.4 Small Combustion](#)
  - [1.A.5 Other \(including Military\)](#)
- [1.B Fugitive Emissions](#)
  - [1.B.1 Solid Fuels](#)
  - [1.B.2 Oil and Natural Gas](#)
  - [1.B.3 Geothermal Energy](#)

## 4 - Industrial Processes & Product Use (NFR 2)

- [Chapter 4: Industrial Processes & Product Use \(NFR 2\)](#)
- [2.A Mineral Industry](#)
  - [2.A.1 Cement Production](#)
  - [2.A.2 Lime Production](#)
  - [2.A.3 Glass Production](#)
  - [2.A.5.a Quarrying and Mining of Minerals other than Coal](#)
  - [2.A.5.b Construction and Demolition](#)
  - [2.A.5.c Storage, Handling and Transport of Mineral Products](#)
  - [2.A.6 Other Mineral Products](#)
- [2.B Chemical Industry](#)
  - [2.B.1 Ammonia Production](#)
  - [2.B.2 Nitric Acid Production](#)
  - [2.B.3 Adipic Acid Production](#)
  - [2.B.5 Carbide Production](#)
  - [2.B.6 Titanium Dioxide Production](#)
  - [2.B.7 Soda Ash Production](#)

- 2.B.10.a Other
- 2.B.10.b Storage, Handling and Transport of Chemical Products
- 2.C Metal Production
  - 2.C.1 Iron and Steel Production
  - 2.C.2 Ferroalloys Production
  - 2.C.3 Aluminum Production
  - 2.C.4 Magnesium Production
  - 2.C.5 Lead Production
  - 2.C.6 Zinc Production
  - 2.C.7.a Copper Production
  - 2.C.7.b Nickel Production
  - 2.C.7.c Other Metal Production
  - 2.C.7.d Storage, Handling and Transport of Metal Products
- 2.D Other Solvent and Product Use
  - 2.D.3.a Domestic Solvent Use including fungicides
  - 2.D.3.b Road Paving with Asphalt
  - 2.D.3.c Asphalt Roofing
  - 2.D.3.d Coating Applications
  - 2.D.3.e Degreasing
  - 2.D.3.f Dry Cleaning
  - 2.D.3.g Chemical Products
  - 2.D.3.h Printing
  - 2.D.3.i Other Solvent Use
  - 2.D.3.i (Stationary) Use of Lubricants
- 2.G Other Product Use
  - 2.G.4 Use of Fireworks
  - 2.G.4 Use of Tobacco
  - 2.G.4 Charcoal
  - 2.G.4 (Mobile) Use of Lubricants
- 2.H Other (Pulp & Paper, Food)
  - 2.H.1 Pulp and Paper Industry
  - 2.H.2 Food and Beverages Industry
  - 2.H.3 Other Industrial Processes
- 2.I Wood Processing
- 2.J Production of POPs
- 2.K Consumption of POPs and Heavy Metals
- 2.L Other Production, Consumption, Storage, Transportation or Handling of Bulk Products
  - 2.L(a) Handling of Bulk Products
  - 2.L(b) Diffuse Emissions From Industrial Establishments

## 5 - Agriculture (NFR 3)

- Chapter 5: Agriculture (NFR 3)
- 3.B Manure Management
- 3.B Manure Management
- 3.D Agricultural Soils
- 3.F Field Burning Of Agricultural Residues
- 3.I Agricultural: Other

## 6 - Waste (NFR 5)

- Chapter 6: Waste
- 5.A & B Biological Treatment of Waste
  - 5.A Biological Treatment of Waste - Solid Waste Disposal on Land
  - 5.B.1 Biological treatment of waste - Composting
  - 5.B.2 Biological treatment of waste - Anaerobic digestion at biogas facilities
- 5.C Thermal Treatment of Waste (lots of IE categories here, show here?)
  - 5.C.1.b.v Cremation

- [5.C.2 Open Burning of Waste](#)
- [5.D Wastewater handling](#)
  - [5.D.1 Domestic & Commercial Wastewater Handling](#)
  - [5.D.2 Industrial Wastewater Handling](#)
- [5.E Other Waste](#)
  - [5.E.1 Mechanical-biological Treatment of Waste](#)
  - [5.E.2 Building and Car Fires](#)

## **7 - Other and Natural emissions**

- [Chapter 7: Natural Sources \(NFR 11\)](#)
- [11.B Forest Fires](#)

## **8 - Recalculation and Improvements**

- [8.1 - Recalculations](#)
- [8.2 - Planned Improvements](#)

## **9 - Projections**

- [Chapter 9: Projections](#)

## **10 - Reporting of gridded emissions and LPS**

- [10.1 - Point Sources](#)
- [10.2 - Gridded Data](#)

## **11 - Adjustments**

- [Chapter 11: Adjustments](#)