



Update on Policy Developments and Third National Communication



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Jordan

MIDDLE EAST



Jordan Located at the heart of the Middle East

Population: 7,930,491 (July 2014)

Population growth rate: 3.86% (2014)

Area: 89,342 sq km

Jordan Green House Gas Inventory

Base year : **2006**

Jordan contributed about **28.72** million ton of (CO₂ eq.) of GHGs to the atmosphere.

Sectoral breakdown

Sector	Emissions (Gg CO ₂ Eq)	Proportion (%)
Energy	20,938	72.9%
Industrial Processes	2,550	8.9%
Agriculture	1,318	4.6%
Waste	3,045	10.6%
LULUCF	866	3%
TOTAL	28,717	100%

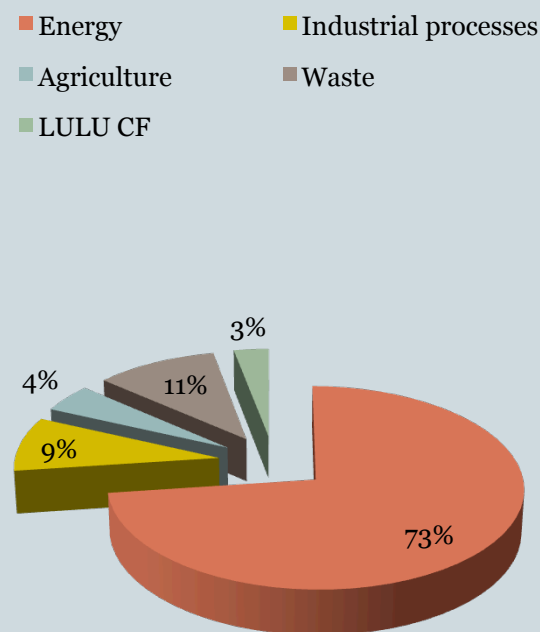
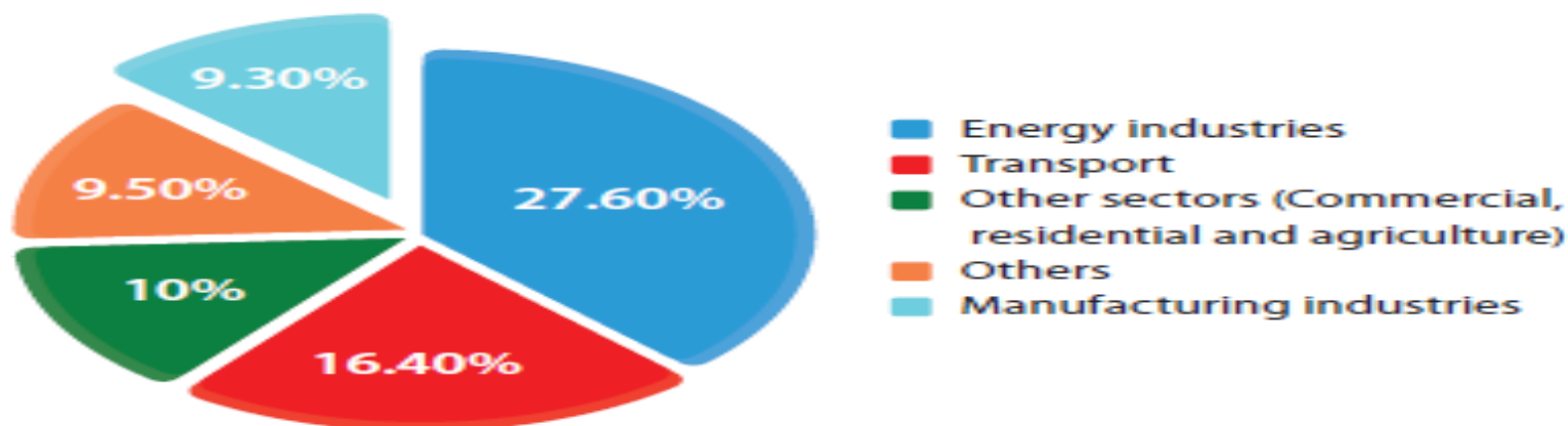


Table 2.2: Breakdown of GHG emissions from various energy subsectors

Sub-sector	Emissions	Percentage
Energy industries	7,916 Gg CO ₂ eq	27.6%
Transport	4,706 Gg CO ₂ eq	16.4%
Other sectors (Commercial, residential and agricultural)	2,883 Gg CO ₂ eq.	10%
Manufacturing industries	2,675 Gg CO ₂ eq	9.3%
Others	2,715 Gg CO ₂ eq	9.5%

Figure 2.1: Breakdown of GHG emissions from various energy subsectors

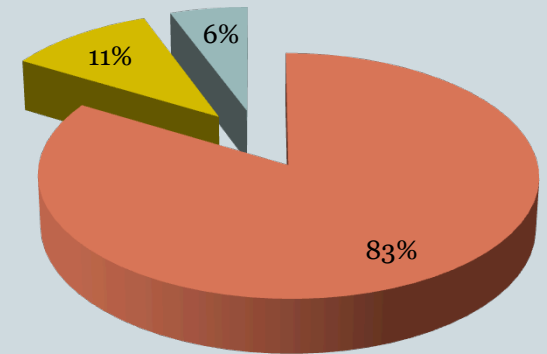
Energy Sectors contribution to GHG Emissions
(In percentage)



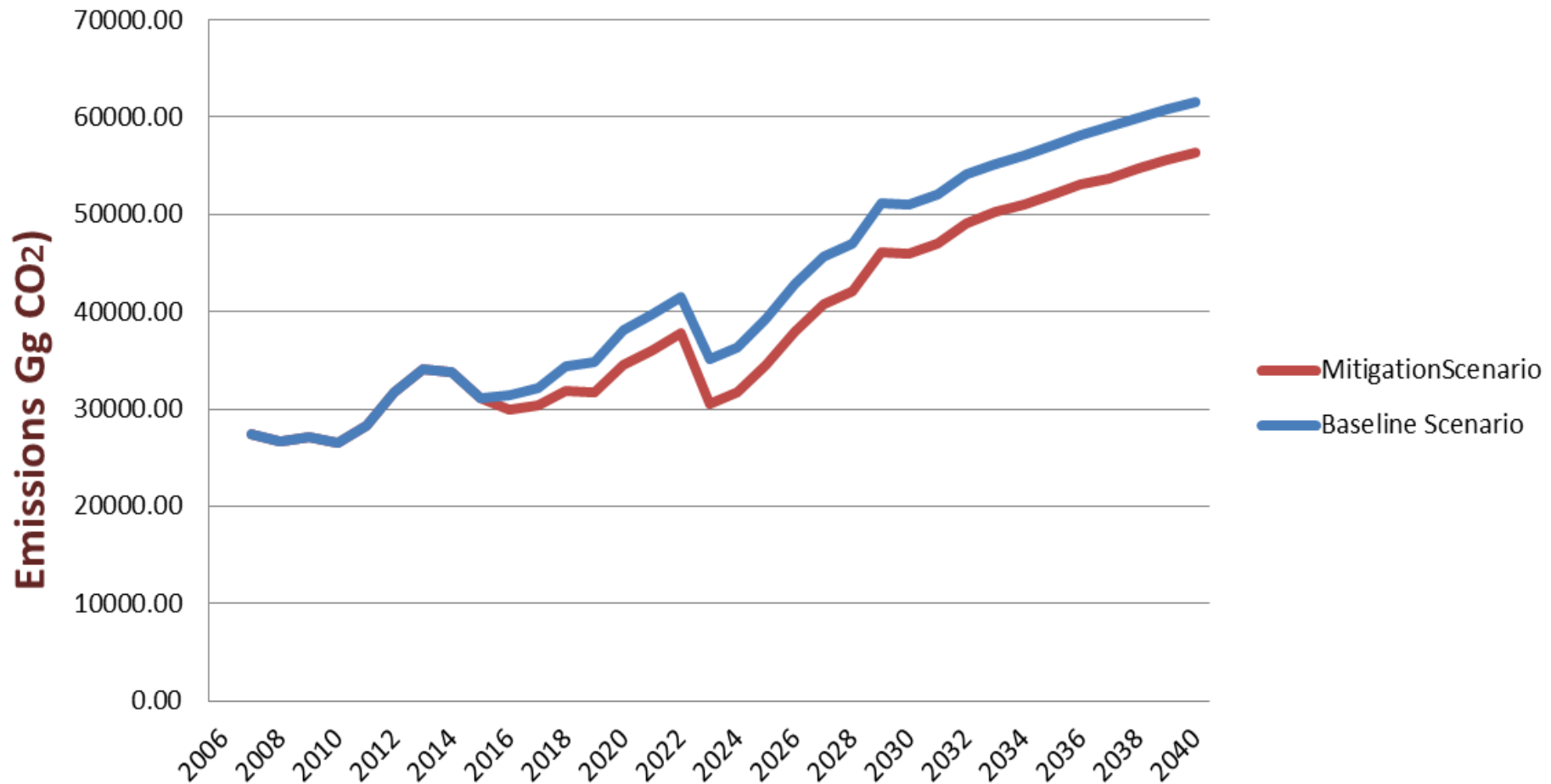
A breakdown of Jordan's total emissions on a GHG basis is as follows:

- Carbon dioxide (about 24,003Gg CO₂), 83.58%
- Methane about (3,087 Gg CO₂ eq.), 10.75 %;
- Nitrous oxide (about 1,627Gg CO₂ eq.), 5.67 %.

■ Carbon dioxide (CO₂) 24,003 Gg
■ Methane (CO₂ eq.) 3,087 Gg
■ Nitrous oxide (CO₂ eq.) 1,627Gg



Jordan's Mitigation Analysis for the Period (2006-2040)



Proposed mitigation projects

43 projects providing GHG reductions of
3.5 Mt CO₂ eq. in 2020
5.2 Mt CO₂ eq. in 2040

Policy Development

Since the Second National Communication (2009) Jordan has vastly improved its policy framework for Climate Change

- National Climate Change Committee

- Established 2001

- Climate change integrated in Government Executive Programme (GEP) 2013-2016 .

- One of the main policy and planning tools in Jordan

- National Climate Change Policy of Jordan (2013-2020)

sets out:

- Long term goals and

- Short term objectives for

- ✦ Mitigation

- ✦ Vulnerability, impact and adaptation to climate change

- Ministry of Environment is the focal point for climate change

- Climate Change Directorate established in 2014 (following Third National Communication)



- **Nationally Appropriate Mitigation Actions (NAMAs):**
 - Jordan is expected to start developing its first NAMA project proposal that will focus on the introduction of solar power for water pumps in Jordan.
- **Clean Development Mechanism (CDM):**
 - Jordan has registered four CDM project and is in need to upgrade its efforts in registering more projects.
- **Partnership for market Readiness (PMR):**
 - Jordan has submitted its organizational framework in June 2012 and is now in the process of developing the proposal (MRP).



- **Intended Nationally Determined Contributions (INDCs):**
 - It is considered as a priority for Jordan.
- **Establishing Green economy Unit within MoENV.**
 - Jordan considered climate change mitigation and adaptation as an integral part of the strategy for green growth.

