

Climate Change

1 GENERAL INTRODUCTION

This report is a technical annex Lebanon's First National Communication to be submitted to the United Nations framework Convention on Climate Change (UNFCCC).

This report has been developed by two national teams of experts working under the climate change enabling activity, a project funded by the UNDP/GEF and implemented at the Ministry of Environment.

It comprises:

- A national greenhouse gas mitigation strategy which assesses and evaluates in details feasible options for GHG emission reduction in the following sectors:
 - Electricity Supply
 - Building sector, which includes two parts: the building equipment and the building envelops.
 - Industrial processes and energy use in industry.
 - Transportation sector
 - Forestry sector
 - Waste sector

- Assessment of the vulnerability of Lebanon's ecosystems to climate change resulting from an increase in global temperature. This assessment involves the following sectors:
 - Assessment of bioclimatic change
 - Water resources
 - Agriculture
 - Terrestrial ecosystems which comprise two parts: natural habitats and wild life
 - Coastal system which includes a physical component and marine ecosystem
 - Socioeconomic impact