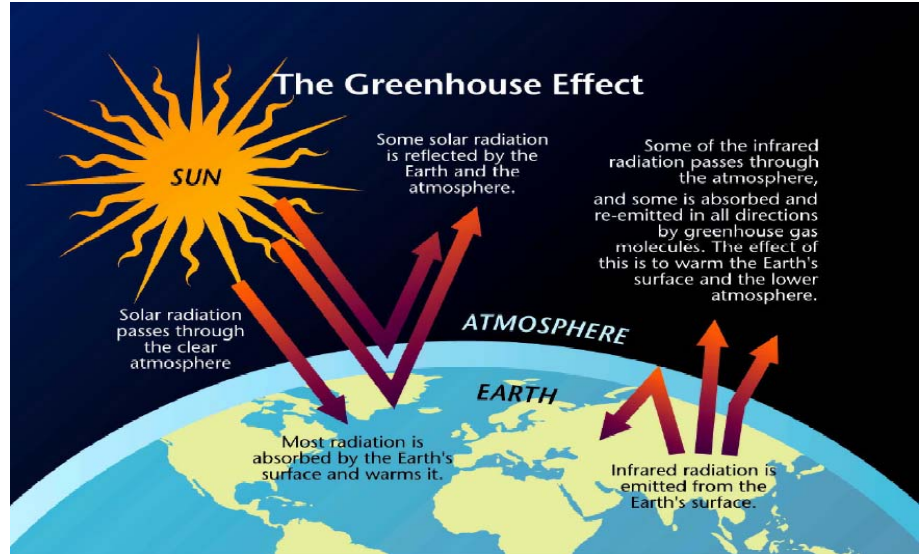


CLIENTE
 ENI DIVISIONE E & P
INTERVENTO
 REDAZIONE DEL
 RAPPORTO DI ANALISI E
 VERIFICA EMISSIONI DEI
 SITI PRODUTTIVI ENI
LOCALITÀ
 UNITÀ GEOGRAFICA ITALIA
DATI TECNICI
 AREE INTERESSATE
 SITI 15
ATTIVITÀ
 CONSULENZA AMBIENTALI
VALORE DELL'OPERA
 EURO 45.000



SERVIZI TECNICO SPECIALISTI PER IL ROLL-OUT GHG ITALY PREVISTO DALL'EMISION TRADING DEL PROTOGOLLO DI KYOTO
TECHNICAL-SPECIALIST SERVICES FOR THE ROLL-OUT GHG ITALY REQUESTED BY THE EMISSION TRADING OF KYOTO'S PROTOCOL

Kyoto Protocol

What is the Kyoto Protocol?

The Kyoto Protocol is an amendment to the United Nations Framework Convention on Climate Change (UNFCCC), an international treaty on *global warming*.



Objective

The developed countries commit themselves to reduce their collective emissions of six key *greenhouse gases* by at least 5%.
 The six gases are to be combined in a "basket", with reductions in individual gases translated into "CO2 equivalents" that are then added up to produce a single figure.

*This group target will be achieved through cuts of 8% by Switzerland, most Central and East European states, and the European Union (EU) and must be largely by distributing identical cuts among its member states). 7% by the US and 6% by Canada, Hungary, Japan, and Poland. Russia, New Zealand, and Ukraine are to stabilize their emissions, while Norway may increase emissions by up to 1%, Australia by up to 8%, and Iceland 60%.

Global warming



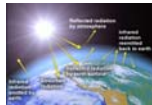
Global warming is a term used to describe an increase over time of the average temperature of Earth's atmosphere and oceans. Global warming theories attempt to account for the rise in average global temperatures since the late 19th century ($0.6 \pm 0.2^\circ\text{C}$) and assess the extent to which the effects are due to human causes.

The most common global warming theories attribute temperature increases to increases in the *greenhouse effect* caused primarily by anthropogenic carbon dioxide.

Greenhouse gases

How are greenhouse gases produced and what impact do they have on the environment?

Greenhouse gases is a term used for gases (like carbon dioxide) which are mainly generated as a result of burning fossil fuels like coal, petrol and diesel.



While the use of these fuels have helped industrialization enormously, it has caused a steady increase in levels of carbon rich gases and other pollutants. Scientists predict that higher levels of greenhouse gases will cause a significant warming of the earth by about one to five degrees Celsius.

Kyoto Target

The Kyoto Protocol commits the Country listed in the Annex I to achieve legally binding targets for decreasing their overall emissions of the six greenhouse gases (CO_2 , N_2O , HFCs, CH_4 , SF_6 , PFCs) by at least 5.2% below 1990 levels over the period between 2008 and 2012, with specific targets varying by Country.

The Kyoto Protocol defines three innovative *'flexible' mechanisms* (Emissions Trading, Joint Initiative & Clean Development Mechanism) to achieve these reduction targets.

The ET will allow Governments and Companies to buy and sell emission reductions from and to governments or authorized companies in other Countries.

Proger Activities

Scope of work:

Preparation of analysis and emissions check report regarding productive sites (Roll Out Reports).

Preparation of Authorization permits for the CO_2 emissions.

Conclusion

Combating climate change and minimizing its potential consequences are key objectives of international Environmental Agencies and represent a high priority for the EU. These targets could be met by means of improving energy efficiency and limiting carbon emissions from sources, which are respectively the main goals of IPPC Directive and Kyoto Protocol.



The GHG Accounting forms the basis of the climate change strategy which is the focal point in the environmental policy aimed to preserve an intact environment for the future generation

CLIENT
 ENI E & P DIVISION
PROJECT
 PREPARATION OF AN ANALYSIS AND EMISSIONS CHECK REPORT REGARDING ENI'S PRODUCTIVE SITES.
LOCATION
 ITALY
TECHNICAL DATA
 INTERESTED AREAS
 15 SITES
SERVICES
 ENVIRONMENTAL CONSULTANCY
COST OF PROJECT
 EURO 45.000