

## EU EMISSIONS TRADING SCHEME



The European Union's Emission Trading Scheme (EU ETS) consists one of the Flexible Mechanisms for the control and reduction of Greenhouse Gases emissions (GHG emissions). Its implementation is mandatory to all the EU Member States since 2005. Every installation or aviation company participating in the EU ETS has the obligation to monitor its GHG emissions, to report them in an Annual Report and to return to the competent authority (Registry) a sum of allowances equal to its emissions. A sum of emission allowances is allocated free of charge by each Member State to the facilities of some activity sectors at the beginning of each calendar year (starting 2013 and then, electricity producers don't receive free allocation), in accordance to the allocation plans that are structured at the start of each Trading Period. Each allowance amounts to one tonne of equivalent CO<sub>2</sub>.

The EU ETS converts Greenhouse Gases into a market commodity. Emission allowances are tradable among installations, and via carbon exchanges. Concurrently, a variety of different types of allowances and carbon products derivatives has been put into circulation. Every company that takes action quickly and determinedly, monitors its GHG emissions, stays informed and manages properly its allowances, not only will it minimize the cost of participation in the EU ETS, but in many cases it can have a considerable economic benefit as well.

### IPPC's ROLE

IPPC Ltd is specialized in providing consultancy services for environmental protection and climate change. IPPC Ltd provides services to a large number of industrial facilities and aviation companies which participate in the EU ETS.

Some of IPPC's members have participated actively in developing the Greek National Allocation Plans, as well as in designing the implementation of EU-ETS in Greece. At the same time, the optimized model Methodology for Monitoring and Reporting GHG Emissions, developed by IPPC Ltd, has been recognized to be among the most effective and is being utilized by most of the Greek installations participating in EU ETS.

IPPC provides services that cover completely the requisitions of the EU ETS and assure the customer's maximum environmental and financial benefit.

## PROVIDED SERVICES

IPPC has the experience and the expertise to offer a full services annual package to every company having the obligation to participate in the EU ETS. This package is named CO2NTROL® and includes:

### Calculation and Report of Greenhouse Gases Emissions

IPPC carries out the calculation of GHG Emissions, the preparation and editing of the Annual Emissions Report and the support of the customer during the verification process. The project is accomplished from specialized consultants and engineers, in accordance with the Decisions and the Guidelines of European Union. IPPC's service includes on-site visit and work.

Moreover, for industrial customers, annual ePRTR reports and VOC emissions reports are included, covering all mandatory environmental reporting.

### Monitoring and Reporting Emissions Systems

IPPC develops Monitoring and Reporting Emissions systems in accordance with the EU Decisions (mandatory sector of Emissions Trading), as well as with the International Standards ISO 14064:2006 and ISO 14067:2009 (voluntary sector). Every system is unique and adapted to the company for which it is developed. It can be applied independently or as a part of an applied Management & Environmental Quality System (ISO 9001, ISO 14001). In addition, IPPC can be assigned to operate the system in a continuous basis, or to control the system through external inspections.

### Emission Allowances Trade

IPPC can provide access to national and international carbon markets to trade EUA, EUAA, CER and ERU. IPPC offers reliable, secure and quick spot transactions. In order to do so, IPPC has established a KYC policy and money anti-laundering procedures. IPPC also offers total management of its clients' accounts in an effort to maximize the value of their carbon assets.

### Information and Training

IPPC publishes regular detailed informative reports titled "CO2NTROL® info". Reports cover issues related to climate change, EU ETS, carbon markets, energy management and energy products. In addition, IPPC can provide on-site consultancy and training of a company's employees in topics regarding Environmental Management, Climate Change, EU ETS and Energy Management, either within the scope of the company's participation in EU ETS or during implementation of Corporate Social Responsibility projects and actions.

## TECHNICAL KNOW-HOW AND ENVIRONMENTAL AWARENESS IN THE SERVICE OF SUSTAINABILITY



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