

PROGRESS REPORT ON THE CLIMEPORT PROJECT

Since work began on the project in May 2009, different technical action has been undertaken with the objective of attaining the goals set for this period. More specifically the following items have been addressed:

Responding to the work schedule, the first technical task to execute, and which ends July coming, is to know the situation of ports in terms of greenhouse gas emissions, for which different stages have been considered:

The initial stage is to collect information from participating ports in order to make a diagnosis of emissions or inventory of greenhouse gas emissions originating from their activities. Firstly, common methodology was designed in order to compare results obtained from different ports, undertaken by the Port Authority of Valencia (APV), Coordinator and Electrical Technology Institute (ITE), technological partner.

The methodology was classified in four levels: Level 1: Overall gas emissions at ports; Level 2: by activities; Level 3, by processes, and Level 4, by equipment. Gas origins are also taken into account, both direct and indirect. Classification by levels will allow detailed information to be obtained which will be very useful in the following stage of development and implementation of "Action Plans".

The participating ports are currently finalising the aforementioned inventory of gas emissions. Although the work is not yet complete, we are able to forward some of the results stemming from the obtained data about energy consumption, for example, indicate higher consumption in port buildings is from heating / air conditioning, and that most energy consumed during port activities arises at container terminals.

Furthermore in the 2nd stage, the participating ports are working on calculations of the "Carbon Footprint and through this initiative the exact tonnage of equivalent CO₂ they generate (directly and indirectly) will be determined. This data will allow us, on one hand to evaluate the benefits in the fight against climate change and on the other hand to assess the effectiveness of the actions concerning reduction and control that could be put forward in future projects stages, and therefore, the choice of those that account for greater contributions in the reduction of gas emissions. The first results of the carbon footprint calculations at participating ports will be presented at the 3rd project meeting that will be held in Koper (Slovenia) on March 30th.

Further to the aforementioned tasks, work is currently being carried out by the participating ports in compiling and organizing the "best practices", i.e. the most effective means and processes from the point of view of greenhouse gas emissions while undertaking port activities. Simultaneously a benchmarking study is being carried out of all ports, both European and

domestic in order to identify any tested good practices and find out about the results.

Finally, we note that in the coming months the calculations on the impact of ports concerning carbon footprints are expected to be completed and to consider the inventory of good practices to be implemented at the different ports, necessary to design the action plans. These action plans will be implemented through the development of “pilot projects” that will allow the effectiveness of the adopted solutions to be monitored.