

Gypsum and the Commission proposal on ETS: Proposed amendment to the proposal

27-02-2008-FINAL

Specific amendment:

Annex I

Commission Proposal	Eurogypsum Proposal
<p style="text-align: center;"><u>ANNEX I</u></p> <p>Annex I to Directive 2003/87/EC is amended as follows:</p> <p>(1) Point 1 is replaced by the following: "1. Installations or parts of installations used for research, development and testing of new products and processes and combustion installations exclusively using biomass are not covered by this Directive."</p> <p>(2) In point 2 the following sentence is added: "When calculating the total capacity of combustion installations, units with a rated thermal input under 3 MW shall not be taken into account for the purposes of this calculation."</p> <p>(3) The table is amended as follows:</p> <p>(a) The first row of categories of activity is replaced by the following:</p>	<p style="text-align: center;"><u>ANNEX I: NEW</u></p> <p>CATEGORIES OF ACTIVITIES REFERRED TO IN ARTICLES 2(1), 3, 4, 14(1), 28 AND 30</p> <p>1. Are not covered by this directive:</p> <ul style="list-style-type: none"> • Installations or parts of installations used for research, development and testing of new products and processes • Combustion installations exclusively using biomass <p>2. Where one operator carries out several activities falling under the same subheading in the same installation or on the same site, the capacities of such activities are added together.</p>

<p><i>Supply of power or heat</i> Combustion installations with a rated thermal input exceeding 20 MW (except hazardous or municipal waste installations)</p> <p><i>Other Energy activities</i> Mineral oil refineries Coke ovens</p>	<p>Carbon dioxide</p> <p>Carbon dioxide</p> <p>Carbon dioxide</p>	<p>Any activity emitting GHG from fossil fuel oxidization only</p>	<p>GHG</p>
<p>(b) The second row of categories of activity is amended as follows: (i) in the heading the word "ferrous" is deleted; (ii) the following paragraphs are added</p>		<p>Combustion installations with a rated thermal input exceeding 20 MW (except hazardous or municipal waste installations) <i>Note: When calculating the total capacity of combustion installations, units with a rated thermal input under 3 MW shall not be taken into account for the purposes of this calculation.</i></p>	<p>Carbon dioxide</p>
<p>Production and processing of ferrous metals (including ferro-alloys) where combustion installations with a rated thermal input exceeding 20 MW are operated, including rolling mills, re-heaters, annealing furnaces, smitheries, foundries, coating and pickling.</p> <p>Production of aluminium (primary, and secondary where combustion installations with a rated thermal input exceeding 20 MW are operated)</p> <p>Production and processing of non-ferrous metals, including production of alloys, refining, foundry casting, etc., where combustion installations with a rated thermal input exceeding 20 MW are operated.</p>	<p>Carbon dioxide</p> <p>Perfluorocarbons, Carbon dioxide</p> <p>Carbon dioxide</p>	<p>Activities emitting GHG from fossil fuel oxidization and/or other sources</p>	<p>GHG</p>
<p>(c) the third row of categories of activity is amended as follows: (i) the first paragraph is replaced by the following: "Installations for the production of cement clinker in rotary kilns with a production capacity exceeding 500 tonnes per day or lime including the calcination of dolomite and magnesite in rotary kilns with a production capacity exceeding 50 tonnes per day or in other furnaces with a</p>		<p><u>Production and processing of metals</u></p> <p>Metal ore (including sulphide ore) roasting or sintering installations</p> <p>Installations for the production of pig iron or steel (primary or secondary fusion) including continuous casting, with a capacity exceeding 2,5 tonnes per hour</p>	<p>Carbon dioxide</p> <p>Carbon dioxide</p>
		<p><u>Mineral Industry</u></p>	
		<p>Installations for the production of cement clinker in rotary kilns with a production capacity exceeding 500 tonnes per day or lime including the calcination of dolomite and magnesite in rotary kilns with a production capacity exceeding 50 tonnes per day or in other furnaces with a production capacity exceeding 50 tonnes per day</p>	<p>Carbon dioxide</p> <p>Carbon dioxide</p>
		<p>Installations for the manufacture of glass including glass fibre with a melting capacity exceeding 20 tonnes per day</p>	<p>Carbon dioxide</p>
		<p>Installations for the manufacture of ceramic products by firing, in particular roofing tiles, bricks, refractory bricks, tiles, stoneware or porcelain, with a production capacity exceeding 75 tonnes per day</p>	<p>Carbon dioxide</p>

<p>production capacity exceeding 50 tonnes per day"; (ii) in the third paragraph the following terms are deleted: ", and/or with a kiln capacity exceeding 4 m³ and with a setting density per kiln exceeding 300 kg/m³"; (iii) the following paragraphs are added:</p> <table border="1" data-bbox="280 399 1059 694"> <tr> <td data-bbox="280 399 844 494">Installations for the manufacture of rock wool or stone wool with a capacity exceeding 20 tonnes per day</td> <td data-bbox="844 399 1059 494">Carbon dioxide</td> </tr> <tr> <td data-bbox="280 494 844 694">Installations for the drying or calcination of gypsum or for the production of plaster boards and other gypsum products, where combustion installations with a rated thermal input exceeding 20 MW are operated.</td> <td data-bbox="844 494 1059 694">Carbon dioxide</td> </tr> </table>	Installations for the manufacture of rock wool or stone wool with a capacity exceeding 20 tonnes per day	Carbon dioxide	Installations for the drying or calcination of gypsum or for the production of plaster boards and other gypsum products, where combustion installations with a rated thermal input exceeding 20 MW are operated.	Carbon dioxide	<p>Installations for the manufacture of rock wool or stone wool with a capacity exceeding 20 tonnes per day</p>							
Installations for the manufacture of rock wool or stone wool with a capacity exceeding 20 tonnes per day	Carbon dioxide											
Installations for the drying or calcination of gypsum or for the production of plaster boards and other gypsum products, where combustion installations with a rated thermal input exceeding 20 MW are operated.	Carbon dioxide											
<p>(4) The following rows of categories of activity are added:</p> <table border="1" data-bbox="280 758 1104 1316"> <tr> <td data-bbox="280 758 862 965"><i>Chemical industry</i> Production of carbon black involving the carbonisation of organic substances such as oils, tars, cracker and distillation residues, where combustion installations with a rated thermal input exceeding 20 MW are operated.</td> <td data-bbox="862 758 1104 965">Carbon dioxide and nitrous oxide</td> </tr> <tr> <td data-bbox="280 965 862 1045">Production of nitric acid</td> <td data-bbox="862 965 1104 1045">Carbon dioxide and nitrous oxide</td> </tr> <tr> <td data-bbox="280 1045 862 1125">Production of adipic acid</td> <td data-bbox="862 1045 1104 1125">Carbon dioxide and nitrous oxide</td> </tr> <tr> <td data-bbox="280 1125 862 1204">Production of glyoxal and glyoxylic acid</td> <td data-bbox="862 1125 1104 1204">Carbon dioxide</td> </tr> <tr> <td data-bbox="280 1204 862 1316">Production of ammonia</td> <td data-bbox="862 1204 1104 1316">Carbon Dioxide</td> </tr> </table>	<i>Chemical industry</i> Production of carbon black involving the carbonisation of organic substances such as oils, tars, cracker and distillation residues, where combustion installations with a rated thermal input exceeding 20 MW are operated.	Carbon dioxide and nitrous oxide	Production of nitric acid	Carbon dioxide and nitrous oxide	Production of adipic acid	Carbon dioxide and nitrous oxide	Production of glyoxal and glyoxylic acid	Carbon dioxide	Production of ammonia	Carbon Dioxide	<p><i>Chemical industry</i></p> <p>Production of nitric acid</p> <p>Production of adipic acid</p> <p>Production of glyoxal and glyoxylic acid</p> <p>Production of ammonia</p> <p>Production of basic organic chemicals by cracking, reforming, partial or full oxidation or by similar processes, with a production capacity exceeding 100 tonnes per day</p> <p>Production of hydrogen (H₂) and synthesis gas by reforming or partial oxidation with a production capacity exceeding 25 tonnes per day</p> <p>Production of soda ash (Na₂CO₃) and sodium bicarbonate (NaHCO₃)</p>	<p>Nitrous oxide</p> <p>Nitrous oxide</p> <p>Nitrous oxide</p> <p>Carbon dioxide</p> <p>Carbon dioxide</p> <p>Carbon dioxide</p> <p>Carbon dioxide</p> <p>Carbon dioxide</p>
<i>Chemical industry</i> Production of carbon black involving the carbonisation of organic substances such as oils, tars, cracker and distillation residues, where combustion installations with a rated thermal input exceeding 20 MW are operated.	Carbon dioxide and nitrous oxide											
Production of nitric acid	Carbon dioxide and nitrous oxide											
Production of adipic acid	Carbon dioxide and nitrous oxide											
Production of glyoxal and glyoxylic acid	Carbon dioxide											
Production of ammonia	Carbon Dioxide											
	<p><i>Capture, transport and geological storage of greenhouse gas emissions</i></p> <p>Installations to capture greenhouse gases for the purpose of transport and geological storage in a storage site permitted under Directive xxxx/xx/EC¹</p> <p>Pipelines for the transport of greenhouse gases for geological storage in a storage site permitted under Directive xxxx/xx/EC</p> <p>Storage sites for the geological storage of greenhouse gases permitted under Directive xxxx/xx/EC, until responsibility for the site is</p>	<p>All greenhouse gases listed in Annex II</p> <p>All greenhouse gases listed in Annex II</p> <p>All greenhouse gases listed in Annex II</p>										

¹ Directive xxxx/xx/EC on the geological storage of carbon dioxide.

<p>Production of basic organic chemicals by cracking, reforming, partial or full oxidation or by similar processes, with a production capacity exceeding 100 tonnes per day</p>	<p>Carbon dioxide</p>		<p>transferred to the competent authority pursuant to that Directive</p>	
<p>Production of hydrogen (H₂) and synthesis gas by reforming or partial oxidation with a production capacity exceeding 25 tonnes per day</p>	<p>Carbon dioxide</p>		<p>Other activities</p>	
<p>Production of soda ash (Na₂CO₃) and sodium bicarbonate (NaHCO₃)</p>	<p>Carbon dioxide</p>		<p>1. Industrial plants for the production of</p>	
<p><i>Capture, transport and geological storage of greenhouse gas emissions</i> Installations to capture greenhouse gases for the purpose of transport and geological storage in a facility licensed under Directive xxxx/xx/EC</p>	<p>All greenhouse gases listed in Annex II</p>		<p>(a) pulp from timber or other fibrous materials</p>	<p>Carbon dioxide</p>
<p>Pipelines for the transport of greenhouse gases for geological storage in a facility licensed under Directive xxxx/xx/EC</p>	<p>All greenhouse gases listed in Annex II</p>		<p>(b) paper and board with a production capacity exceeding 20 tonnes per day</p>	<p>Carbon dioxide</p>
<p>Facilities for the geological storage of greenhouse gases licensed under Directive xxxx/xx/EC</p>	<p>All greenhouse gases listed in Annex II</p>			

Justification

Any installation emitting greenhouse gases from fossil fuels oxidization like Gypsum and aluminium or carbon black are automatically in the Emissions Trading scheme according to the definition of combustion installation given in article 3, c. it is thus not necessary to include such sectors in Annex I of this Directive. If the thermal input of the installation is above 20 MW, the activity is in.