

# Amendments to align the EU's emission reduction target with a concentration of carbon dioxide in the atmosphere of 350 ppm

## Key amendment to the Emission Trading System Directive

Text proposed by the Commission

Amendments by Parliament

### Amendment A1 ARTICLE 9

<i>Commission proposal</i>	<i>Amendment</i>
<p>The Community-wide quantity of allowances issued each year starting in 2013 shall decrease in a linear manner beginning from the mid-point of the period 2008 to 2012. The quantity shall decrease by a linear factor of <b>1.74%</b> compared to the average annual total quantity of allowances issued by Member States in accordance with the Commission Decisions on their national allocation plans for the period 2008 to 2012.</p>	<p>The Community-wide quantity of allowances issued each year starting in 2013 shall decrease in a linear manner beginning from the mid-point of the period 2008 to 2012. The quantity shall decrease by a linear factor compared to the average annual total quantity of allowances issued by Member States in accordance with the Commission Decisions on their national allocation plans for the period 2008 to 2012. <b><u>The linear factor shall correspond to meeting a Community wide greenhouse gas emission reduction target of 60 % below 1990 by 2030.</u></b></p> <p><b><u>The European Commission shall review the goals and its proposals to align them with the new Community-wide climate target.</u></b></p> <p><b><u>The European Commission shall urgently initiate research, in cooperation with the IPCC, to develop the emission trajectories that correspond to a concentration target of 350 ppm CO<sub>2</sub>.</u></b></p>

*Justification:*

Recent scientific studies show that a level of 450 PPM CO<sub>2</sub> is expected to cause more than a one meter rise – and perhaps as much as a 3 meter rise – in sea levels during this century. Over a longer period this could rise to more than 20 meters. NASA scientists have concluded that the safe level of atmospheric carbon dioxide is no more than 350 parts per million, and maybe even less. Therefore the EU needs to align its climate policy with a 350 ppm CO<sub>2</sub> concentration target, corresponding to at least a 60 percent reduction in emissions by 2030.

## **Key amendment to the Effort Sharing Directive**

Text proposed by the Commission

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Amendments by Parliament

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Amendment A1

ARTICLE 3, PARAGRAPH 0 (new)

**The European Community shall, by 2020, limit its greenhouse gas emissions by a level that corresponds to a reduction of at least 60 % by 2030 compared to 1990 levels.**

**The greenhouse gas emission limits and amounts in tonnes of CO2 equivalent per Member State for sources not covered under Directive 2003/87/EC, shall be calculated by the Commission.**

**The European Commission shall review the goals and its proposals to align them with the new Community-wide climate target.**

*Justification*

Recent scientific studies show that a level of 450 PPM CO<sub>2</sub> is expected to cause more than a one meter rise – and perhaps as much as a 3 meter rise – in sea levels during this century. Over a longer period this could rise to more than 20 meters. NASA scientists have concluded that the safe level of atmospheric carbon dioxide is no more than 350 parts per million, and maybe even less. Therefore the EU needs to align its climate policy with a 350 ppm CO<sub>2</sub> concentration target, corresponding to at least a 60 percent reduction in emissions by 2030.