

Errata BOLK report (6 September 2010)

The impacts of CO₂ capture technologies in power generation and industry on greenhouse gases emissions and air pollutants in the Netherlands

In the published BOLK report (version of 20 November 2009) on the impact of CO₂ capture technologies, the data of a non final version of the database were used to characterize the capture technologies and to run the scenarios. The impact of a recalculation of the data on the main results is limited. The main conclusions of the report remained unchanged. The changes due to the recalculations are described in this document.

The recalculation of the data resulted in slightly changed values in the characterization table (3.1) and raw data tables in Appendix C. As a consequence the relative factors (ratio between capture and non capture technologies) changed. The relative factors of:

- SO₂ increased for pre-combustion (IGCC),
- NH₃ decreased for post-combustion,
- PM₁₀ increased for post-combustion.

For the 2020 scenario of the power plant sector this resulted in an increase of the PM₁₀ emissions, instead of a reduction due to the implementation of post-combustion CO₂ capture. The increase in NH₃ emissions is less as estimated in the previous version. The mitigation costs increase due to the changes in the emissions in the CCS scenarios.

In the 2030 and 2050 scenarios the impact of the recalculation on the emissions was marginal.