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Environmental pressures from German imports and exports - Results of Environmental-Economic Accounting on embodied energy, carbon dioxide and transport of goods

In this paper first results of the German System of Environmental-Economic Accounting (SEEA) on the development of embodied environmental pressures of imports and exports are presented. The results on energy and carbon dioxide are based on a so called expanded hybrid IOT, which was tailor-made for the energy calculations. The causes of the development of embodied pressures are studied on basis of detailed results of the German SEEA by homogeneous branches of production. It is a main purpose of the study to investigate whether the variables included show a significant difference between the production and the consumption perspective in the CO₂-balance of nations. In addition the conclusions for reporting of official statistics in view of climate change are discussed.