

Nowcasting OECD indicators of carbon emissions embodied in international trade

Topic: Backcasting and Forecasting II

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The OECD has established a small working group on better quality and more timely indicators of CO₂ embodied in international trade in early 2015 following the call of the OECD Secretary General to make “the organisation more useful and relevant to its Members and Partner countries, by providing them with timely and targeted policy advice, supporting them during the implementation of reforms and quantifying their impact, delivering a whole-of-government narrative and explaining to the public the benefits of difficult decisions.” (Letter Mandate 20 January 2015). The objective of this working group is to determine best practices for producing better quality and more timely indicators of CO₂ (and other GHG) emissions embodied in international trade. Particular attention will be given to: a) nowcasting techniques and b) methods for producing improved estimates of emissions by industry “ particularly for developing countries and for emissions associated with the energy sector. The methods used here will be compared with ongoing research on nowcasting the EXIOBASE/CREEA data.