Greenhouse gas emission intensities for households in the EU: integrating input-output and survey data

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Effective climate and environmental policy require evidence on how taxation, regulation, or behavioural change affect different households. Yet data on environmental impacts of household consumption are generally not available in the same classification as household spending data. This dataset provides Greenhouse gas emission impacts per euro spent in a comprehensive, granular (by detailed consumption category -COICOP five digits- and country) and customisable manner, distinguishing also between domestic impacts, impacts in the EU (European Union) or elsewhere. It results from the reconciliation of household budget survey (HBS) microdata for all 27 EU countries, national accounts and an environmentally extended multi-regional input-output database (EXIOBASE). The data are directly usable with the EU-wide tax-benefit microsimulation model EUROMOD but can also be combined with data on household consumption patterns, to assess the distributional, environmental and fiscal impacts of environmental policies and compensatory measures across EU countries.