

Using the EU Farm Accountancy Data Network to track GHG farm level emissions in the Republic of Ireland

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This paper explores the challenges in applying national inventory based methodology (IPCC) to farm level data to calculate GHG emissions at farm scale across a range of different farm systems in the Republic of Ireland. Data from the Teagasc National Farm Survey which is part of the EU Farm Accountancy Data Network is used to generate GHG emissions on a per hectare and kilogramme of product basis across multiple farm systems and multiple years. This methodology allows the issues of emission intensity versus absolute emission across different farm system to be explored. This methodology has the potential to be expanded to other members of the EU Farm Accountancy Data Network to allow for cross country comparisons in GHG emissions from Agriculture.

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