Traffic-related Air Quality Research Projects

Report Title	Status
PALM: A Personal Activity–Location Model of Exposure to Air Pollution	Published 2015 Research 154
Improved Emissions Inventories for NOx and Particulate Matter from Transport and Small-Scale Combustion Installations	Published 2015 Research 148
CON+AIR - Addressing Conflicts of Climate and Air Pollution	Published 2019 Research 286
Developing a Spatially- and Temporally-Resolved Emission Inventory for Air Quality Modelling in Ireland (Land Use Regression modelling)	FR approved – with proof readers.
Greening transport	FR: Round 4 under review
Source Apportionment of Particulate Matter in Rural and Urban Residential Areas (SAPPHIRE)	FR at Round 2 – revision required (PI to submit before end Jan)
AEROSOURCE	FR at Round 1 – under review since
National Mapping of GHG and non-GHG emission sources, (including finer scale Dublin emissions inventory)	FR at Round 3 – ready for sign off since end Dec 2019. Synthesis report – returned for revision.
Particulate Matter from Diesel Vehicles: Emission and Exposure in Ireland.	FR at Round 1. Under review (since end 2018).
Irish Nationwide Health and Air Quality Linkage	Medium scale: end date 02/04/2021
Impact of NO2 on health with particular emphasis on vulnerable groups	Medium scale: end date 30/09/2021
Eco-driving: Trends & Potential Impacts for Irish Heavy Duty Vehicles	Desk study: end date 01/07/2020
Emissions From and Fuel consumption associated with Off Road vehicles and oTher machinery	Desk study: end date 29/02/2020
Roadside Emissions in Dublin: Measurements And Projections	Medium scale: Start date 31/03/2020 – end date 30/03/2022
Source Apportionment of Air Pollution in the Dublin Port Area	Large scale: Q2 2020 to Q2 2022