

Portfolio for
Mr Pratyush Dadhich



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Publications

Dadhich P, Greening P, Keyes A, Cheng S. (2019). Developing an agent-based simulation model for grocery home deliveries. ABMUS 2019.

Liimatainen H., Greening P., Dadhich P., Keyes A. (2018). Possible impact of long and heavy vehicles in the United Kingdom – A commodity level approach. *Sustainability*, 10(8), pp. 1-19.

Engagement Activities

Activity Title	Agent-based simulation model for urban deliveries
Activity Type	A talk or presentation or debate
How many people?	11 - 50
Geographical Reach	Regional
Primary Audience	Other audiences
Other Audience	Professional Practitioners,Postgraduate students
Activity Years	2019
Result Description	School of Social Sciences and Edinburgh Business School hosted a Research Showcase, which provided a platform to research undertaken by researchers and PhD students. The presentations were selected on leading research areas for enhanced collaboration with academics and practioners.
Most important impact?	Plans made for future related activity
URL	
Digital ID	
Source	Manual
Publication ID	6048e816efd988.31390409

Activity Title	Impact of coalitions formation on carbon and cost savings in road freight transport
Activity Type	A talk or presentation or debate
How many people?	51 - 100
Geographical Reach	International
Primary Audience	Other audiences
Other Audience	Policymakers/politicians,Professional Practitioners,Industry/Business,Postgraduate students,Other audiences,Third sector organisations

Activity Years	2020
Result Description	Presented on a research topic - Impact of coalitions formation on carbon and cost savings in road freight transport at the SRF 7th International Workshop on Sustainable Road Freight, Centre for Sustainable Road Freight
Most important impact?	Plans made for future related activity
URL	
Digital ID	
Source	Manual
Publication ID	6048e8a2343267.15071564

Activity Title	Kuehne Road Logistics - Decarbonisation Initiative
Activity Type	A formal working group, expert panel or dialogue
How many people?	1 - 10
Geographical Reach	International
Primary Audience	Professional Practitioners
Other Audience	Professional Practitioners,Industry/Business
Activity Years	2020
Result Description	Worked in collaboration with Kuehne Logistics University to measure Kuehne Road Logistics fleet carbon performance and decarbonisation interventions suitable for their road freight transport operations in the France. Analysed Kuehne Nagel Road Logistics fleet data of 2019 to provide baseline cost, fuel consumption and carbon emissions using SRF Optimiser tool. The tool recommended and prioritised 29 carbon-reducing measures based on their economic investment potential. This analysis provided insights on cost and carbon benefits from each carbon-reducing measure in our road freight transport operations. We shortlisted driver monitoring, driver training and telematics for vehicle routing suitable for our current logistics operations. The SRF estimated total savings in cost and carbon emissions

from the identified carbon-reducing measures. This analysis will supported KN Road Logistics in implementation of carbon-reducing measures to achieve their goal of carbon neutrality through our transport and logistics operations by 2030.

Most important impact? Decision made or influenced

URL

Digital ID

Source Manual

Publication ID 6048ec5d8e2a30.29113878

Activity Title Teaching Workshop for Global Logistics & SC Operations supported by Kuehne Foundation

Activity Type A talk or presentation or debate

How many people? 11 - 50

Geographical Reach International

Primary Audience Postgraduate students

Other Audience Professional Practitioners,Postgraduate students

Activity Years 2019

Result Description The Kuehne Foundation organised lecture workshops for MSc Global Logistics and SC Operations in Abjua, Nigeria. This involved delivering 2-days workshop for postgraduate students specialising in logistics course.

Most important impact? Plans made for future related activity

URL

Digital ID

Source Manual

Publication ID 6048eb7d39e2c9.59052126
