



H2020-MSCA-RISE-2016

ProSFET Project

**Promoting Sustainable Freight Transport in
Urban Contexts: Policy and Decision-
Making Approaches**

D4.4

Academic Papers





Project Information

Acronym: ProSFeT Project

Title: Promoting Sustainable Freight Transport in Urban Contexts: Policy and Decision-Making Approaches

Coordinator: The University of Sheffield

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Website: <http://prosfet.eu/PROSFET/>

Consortium:

- The University of Sheffield (USFD)
- Consiglio Nazionale delle Ricerche (CNR)
- Universidad de Extremadura
- South East European Research Centre (SEERC)
- Sheffield City Council
- City of Bradford Metropolitan District Council
- Stockholms Stad
- Softeco
- Shaping Cloud





Deliverable

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Title: Academic Papers

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Authors: Partners' Seconded and hosting Staff

Contributors: Beneficiaries





Academic Papers

Special Issues

[Decision Support Systems for Urban Logistics Planning: Multi-Stakeholder and Participative Approaches](#) - A special issue of *Sustainability* (ISSN 2071-1050).

This special issue belongs to the section "Sustainable Transportation".

Published Journal Papers

Jones, J., Genovese, A., & Tob-Ogu, A. (2019). [Hydrogen vehicles in urban logistics: A total cost of ownership analysis and some policy implications](#). *Renewable and Sustainable Energy Reviews*, 109595. (resulting from secondment USFD to SS from June 2017 to April 2018, published on Impact Factor 10 Journal).

García-Gallego, J.M., Kang, T., Rubio Lacoba, S., Genovese, A. (2019) [Lorry Park Selection Criteria and Drivers' Preferences: A Study from the UK](#), *Sustainability*, 11(19), 5214 (resulting from secondment UEX to CBMDC from June 2018 to August 2018)

Crimi, A., Jones, T., Sgalambro, A. (2019) [Designing a Web Spatial Decision Support System Based on Analytic Network Process to Locate a Freight Lorry Parking](#) *Sustainability*, 11(20), 5629 (resulting from secondment CNR to CBDMC and Shaping Cloud from October 2017 to May 2018)

Rubio, S., Jiménez-Parra, B., Chamorro-Mera, A., Miranda, F.J. (2019) [Reverse Logistics and Urban Logistics: Making a Link](#), *Sustainability*, 11(20), 5684 (resulting from secondment UEX to SCC from June 2018 to August 2018)

Genovese, A., Morris, J., Piccolo, C., & Koh, S. L. (2017). [Assessing redundancies in environmental performance measures for supply chains](#), *Journal of Cleaner Production*, Volume 167, 20 November 2017, Pages 1290-1302 (resulting from secondment USFD to Softeco from June 2017 to December 2019)

Tob-Ogu, A., Kumar, N., Cullen, J. (2017), [ICT adoption in road freight transport in Nigeria—A case study of the petroleum downstream sector](#), *Technological Forecasting and Social Change*, Volume 131, June 2018, Pages 240-252 (resulting from secondment USFD to SS from July 2017 to September 2019)

Tob-Ogu, A., Kumar, N., Cullen, J., Ballantyne, E.F. (2018), [Sustainability Intervention Mechanisms for Managing Road Freight Transport Externalities A Systematic Literature Review](#), *Sustainability*, Special Issue "Sustainable Freight Transport" (resulting from secondment USFD to SS from July 2017 to September 2017)





Ciardiello, F., Genovese, A., Simpson, A. (2018) [A unified cooperative model for environmental costs in supply chains: the Shapley value for the linear case](#), *Annals of Operations Research*.
(resulting from secondment USFD to Softeco from June 2017 to December 2019)

Ciardiello, F., Genovese, A., Simpson, A. (2018) [Pollution responsibility allocation in supply networks: A game-theoretic approach and a case study](#), *International Journal of Production Economics*
(resulting from secondment USFD to Softeco from June 2017 to December 2019)

Mohamad Mokhtar, A.R., Genovese, A., Brint, A., Kumar, N. (2019) [Improving reverse supply chain performance: The role of supply chain leadership and governance mechanisms](#), *Journal of Cleaner Production*, Volume 216, 10 April 2019, Pages 42-55
(resulting from secondment USFD to Softeco from June 2017 to December 2019)

Book Chapters

Diglio, A., Genovese, A., Piccolo, C. (2017), [An optimization model for the outbound truck scheduling problem at cross-docking platforms](#). *Optimisation and Decision Science 2017 Conference*, Sorrento, Italy, 4th-7th September 2017. Published in Springer Proceedings in Mathematics and Statistics, 217, 601-610.
(resulting from secondment USFD to Softeco from June 2017 to December 2019)

Conference Papers

Luo, S., Genovese, A., Sgalambro, A., Ciardiello, F. (2019) [A Multi-Stakeholder Model for Fair and Efficient Cost Allocation in Urban Consolidation Centres](#), *Prolog 2019*, Metz, France, 19th-21st June 2019.
(resulting from secondment USFD to SS from April 2018 to May 2018)

García-Gallego, J.M., Rubio, S., Taeun Kang, T., Genovese, A. (2019), [Lorry park selection criteria: what do lorry drivers appreciate? A study in the UK](#), *Prolog 2019*, Metz, France, 19th-21st June 2019.
(resulting from secondment UEX to CBMDC from June 2018 to August 2018)

Rubio et al., (2018), [Reverse Logistics in Urban Contexts - Current challenges](#), Keynote speaker, *ENEGEP 2018*, Maceió, Brazil, 16th-18th October 2018
(resulting from secondment UEX to SCC from June 2018 to July 2019)

Genovese, A., Luo, S., Rubio, S., Sgalambro, A., Tob-Ogu, A., Ballantyne, E. (2018), [An evaluation of current decision support systems for urban freight transport planning](#), *Prolog 2018*, Hull, UK, 28th-29th June 2018.
(resulting from secondment USFD to SS from July 2017 to September 2017)





Jones, J., Genovese, A. Tob-Ogu, A. (2018), [Hydrogen Vehicles in Urban Logistics A Total Cost of Ownership Analysis](#), [Prolog 2018](#), Hull, UK, 28th-29th June 2018.
(resulting from secondment USFD to SS from July 2017 to September 2017)

Serena, A., Tob-Ogu, A., Genovese, A. (2018), [Transitioning Urban Consolidation Centres initiatives in successful operations](#), [Prolog 2018](#), Hull, UK, 28th-29th June 2018.
(resulting from secondment USFD to Softeco from November 2017 to March 2018)

Luo, S., Genovese, A., Sgalambro, A. (2018), [A Multi-Stakeholder and Multi-Criteria Decision-Making Approach for Evaluating the Performance of Urban Consolidation Centres](#), [Prolog 2018](#), Hull, UK, 28th-29th June 2018.
(resulting from secondment USFD to Softeco from June 2017 to December 2019)

Rubio, S., García-Gallego, J.M., Valero-González, J.M., Chamorro-Mera, A., Miranda, F.J., Jiménez-Parra, B. (2018), [Reverse Logistics and Urban Logistics Commonalities and opportunities for collaboration](#), [Prolog 2018](#), Hull, UK, 28th-29th June 2018.
(resulting from secondment UEX to CBMDC from June 2018 to August 2018)

Rubio et al., (2018), [Urban and reverse logistics An Application to Commercial Areas](#), [Business Sustainability](#) 2017, Póvoa de Varzim, Portugal, 15th-17th November 2017.
(resulting from secondment UEX to CBMDC from June 2018 to August 2018)

Melchiori, A., Sgalambro, A. (2019) Making an impact in Logistics Management through optimization based Decision Support Systems, 1st Conference on Transfer between Mathematics & Industry [CTMI 2019], Santiago, Spain, 22 July 2019.
(resulting from secondment CNR to SCC from February 2018 to June 2018)

Journal Papers Under Review

Ballantyne, E., Heron, G. (2019) Can Transport Operator Scheme Deliver Regional Sustainability benefits? The Case of the UK Northern Power Region, *Sustainability*
(resulting from secondment USFD to SS from September 2019 to November 2019)

