



D4.3

Report on the initial scholarly portfolio

Instrument	H2020-WIDESPREAD-2016-2017-TWINNING
H2020 Grant Agreement number	857484
Start date	01/12/2019
Duration	36 Months
Webpage	www.neemo-project.eu



The project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 857484

SUMMARY

Work package	WP4
Task	4.2
Deliverable	D4.3
Deliverable Title	Report on the initial scholarly portfolio
Due Month	2
Submitted Date	31 January 2020
Partner Responsible	MCAST plus all partners
Person Responsible	Brian Azzopardi
Author(s)	Brian Azzopardi, Somesh Bhattacharya
Participating Beneficiaries	MCAST, ANEL, AIT, CEA
Document Version	1
Reviewed by	Brian Azzopardi, Eleftherios Loizou, Bin Hu, Antoine Guérin de Montgareuil
Number of Pages inc. cover	5
Dissemination Level	PU

Dissemination Level

PU = Public

PP = Restricted to other programme participants (including the EC)

RE = Restricted to a group specified by the consortium (including the EC)

CO = Confidential, only for members of the consortium (including the EC)

CONTENTS

Initial scholarly portfolio.....	4
Publications: Peer-Reviewed Journals	4
Publications: Books and Book Chapters.....	4
Publications: Conference Proceedings	4
Publications: Conference Posters Presentations and Abstracts.....	5
Invited Lectures, Talks, Seminars, Workshops and other Outreach Publications	5

Initial scholarly portfolio

Publications of MCAST and current MCAST Energy members in the field of Electric Mobility during the five years preceding the start date of the project (Nov 2014 - Nov 2019).

Publications: Peer-Reviewed Journals

2015

1. Raslavičius, Laurencas; **Azzopardi, Brian**; Keršys, Artūras; Starevičius, Martynas; Bazaras, Žilvinas; Makaras, Rolandas. "Electric vehicles challenges and opportunities: Lithuanian review" *Renewable and Sustainable Energy Reviews* 42 (February 2015): 786-800. doi: 10.1016/j.rser.2014.10.076 (IF 9.184, cited 33)
2. Gabriel-Buenaventura, Alejandro, and **Azzopardi, Brian**. "Energy Recovery Systems for Retrofitting in Internal Combustion Engine Vehicles: A Review of Techniques." *Renewable and Sustainable Energy Reviews* 41 (January 2015): 955–64. doi:10.1016/j.rser.2014.08.083. (IF 9.184, cited 35)

2014

3. **Azzopardi, Brian**, and Alejandro Gabriel-Buenaventura. "Feasibility Assessment for High Penetration of Distributed Photovoltaics Based on Net Demand Planning." *Energy* 76 (November 1, 2014): 233–40. doi:10.1016/j.energy.2014.06.052. (IF 4.968, cited 20)

Publications: Books and Book Chapters

2017

1. **Azzopardi, Brian**. ed. "Sustainable Development in Energy Systems". Springer, Sept 2017.

Publications: Conference Proceedings

Antoine Guérin de Montgareuil, **Brian Azzopardi** and Laurent Bellemare. "Preparing the massive introduction of intermittent energies and electric vehicles in insular territories first steps in Martinique and in Malta" EU PVSEC. 2019

Somesh Bhattacharya and Sukumar Mishra, "Coordinated Decentralized Control for PV-EV Based Grid-Connected Microgrids," IEEE Intl. Conf. Power Syst., New Delhi, 2016, pp.1-6.

Zeynal, Hossein; Jiazhen, Yap; **Azzopardi, Brian**; Eidiani, Mostafa. "Impact of Electric Vehicle's Integration Into the Economic VAR Dispatch Algorithm", ISGT ASIA 2014 - 2014 IEEE Innovative Smart Grid Technologies Conference - Asia (ISGT ASIA), May 2014.

Publications: Conference Posters Presentations and Abstracts

Grech, Nicole; Zammit, Andrew; **Azzopardi, Brian**. “Decarbonisation of the electrical energy generation sector in Malta” The 23rd Annual Engineering Conference, Energy and Transport: Challenges and Opportunities. May 2015, SmartCity, Malta.

Ellul, Elaine Marie; **Azzopardi, Brian**. “Electric Transportation Impacts on Vehicle Design” The 23rd Annual Engineering Conference, Energy and Transport: Challenges and Opportunities. May 2015, SmartCity, Malta.

Invited Lectures, Talks, Seminars, Workshops and other Outreach Publications

Azzopardi, Brian. “Photovoltaics Opportunities in Transport Engineering” at Vilnius Gediminas Technical University to Transport Engineers, 2019. Lecture.

Ellul, Elaine Marie; **Azzopardi, Brian**. “Electric Transportation Impacts on Vehicle Design” Engineering Today, Malta. July 2015.