

EUROPEAN COMMISSION

HORIZON 2020 PROGRAMME - TOPIC H2020-LC-BAT-2019
Strongly improved, highly performant and safe all solid-state batteries for
electric vehicles.

GRANT AGREEMENT No. 875189



SAFELiMOVE – Deliverable Report

D10.5 – IPR Interim Report

Deliverable No.	SAFELiMOVE D10.5	
Related WP	WP10	
Deliverable Title	IPR Interim Report	
Deliverable Date	2021-12-31	
Deliverable Type	REPORT	
Dissemination level	Confidential – member only (CO)	
Written By	Leire Olaeta (CICe)	2021-12-23
Checked by	Stephane Levasseur (UMC)	2021-12-31
Reviewed by (if applicable)	Roos Leupen (UNR)	2021-12-31
Approved by	María Martínez (CICe)	2021-12-31
Status	Final	2021-12-31

Disclaimer/ Acknowledgment



Copyright ©, all rights reserved. This document or any part thereof may not be made public or disclosed, copied or otherwise reproduced or used in any form or by any means, without prior permission in writing from the SAFELiMOVE Consortium. Neither the SAFELiMOVE Consortium nor any of its members, their officers, employees or agents shall be liable or responsible, in negligence or otherwise, for any loss, damage or expense whatever sustained by any person as a result of the use, in any manner or form, of any knowledge, information or data contained in this document, or due to any inaccuracy, omission or error therein contained.

All Intellectual Property Rights, know-how and information provided by and/or arising from this document, such as designs, documentation, as well as preparatory material in that regard, is and shall remain the exclusive property of the SAFELiMOVE Consortium and any of its members or its licensors. Nothing contained in this document shall give, or shall be construed as giving, any right, title, ownership, interest, license or any other right in or to any IP, know-how and information.

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 875189. The information and views set out in this publication does not necessarily reflect the official opinion of the European Commission. Neither the European Union institutions and bodies nor any person acting on their behalf, may be held responsible for the use which may be made of the information contained therein.

Publishable summary

Deliverable 10.5 IPR Interim Report objective is to identify the potential IP developed up until M24 in the SAFELiMOVE project and select specific exploitation routes.

The deliverable has been divided into 2 parts:

- The first part aims to ensure that the SAFELiMOVE IP is not in conflict with previous existing patents. In order to reach this goal a throughout IP patent landscape screening has been performed. This SAFELiMOVE Battery Cell Patent Landscape includes:
 - Overview of patent families with similarities with SAFELiMOVE battery cell
 - Overview of patent families with similarities with SAFELiMOVE battery components
 - Time evolution of patent publications
 - Ranking of main patent assignees
 - Patent legal status
 - IP leadership of patent assignees
- The second part takes as a starting point the exploitable components (ECs) identified in 10.4 Draft Exploitation Plan and identifies which of them are already developed IP, including updated exploitable routes, innovative content and IP proposal for those already developed.

This preliminary IPR report confirms the high IP potential of SAFELiMOVE project. Regular updates will take place in the course of the project with a final IP report being due at the end of the project.

Appendix A- Acknowledgement

The author(s) would like to thank the partners in the project for their valuable comments on previous drafts and for performing the review.

Project partners:

#	Partner	Partner Full Name
1	CICe	CENTRO DE INVESTIGACION COOPERATIVA DE ENERGIAS ALTERNATIVAS FUNDACION, CIC ENERGIGUNE FUNDAZIOA
2	SCHOTT	SCHOTT AG
3	UMICORE	UMICORE
4	HYDRO-QUEBEC	HYDRO-QUEBEC
5	SAFT	SAFT
6	RENAULT SAS	RENAULT SAS
7	TME	TOYOTA MOTOR EUROPE NV
8	IKERLAN	IKERLAN S. COOP
9	CEA	COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
10	CIDETEC	FUNDACION CIDETEC
11	TUB	TECHNISCHE UNIVERSITAT BERLIN
12	RWTH AACHEN	RHEINISCH-WESTFAELISCHE TECHNISCHE HOCHSCHULE AACHEN
13	ABEE	AVESTA BATTERY & ENERGY ENGINEERING
14	LCE Srl	LIFE CYCLE ENGINEERING SRL
15	UNR	UNIRESEARCH BV