

# **Rare Earth Free e-Drives Featuring Low Cost Manufacturing**



Start date of the project: 1<sup>st</sup> October 2017, Duration: 36 months

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 770143

Work Package no.:	9
Title of the WP:	Dissemination and Communication
Deliverable no.:	9.4
Title of the deliverable:	Plan for the Dissemination of Results,
	First Release

Contractual Date of Delivery:	30/09/2018
Actual Date of Delivery:	28/09/2018
Lead contractor for this deliverable:	UAQ
Author(s):	Giuseppe Fabri (UAQ)
Participants(s):	Tomas Jezdinsky, Fernando Nuño (ECI) Blanca Araujo (CID)
Work package contributing to the deliverable:	WP9
Nature:	Report (Public)
Version:	1.0
Reference Deliverables	D9.1, D9.3





	REVISION TABLE								
Document version Date Modified sections - Details									
V1.0	12.09.2018	Draft Outline							
V2.0	V2.0 18.09.2018 Reviewed version by Serge Noels (Quality Manager), T Jezdinsky (Communication Manager) and Blanca Araujo Coordinator)								
V3.0 25.09.2018 Feedback Implementation									
V4.0 29.09.2018 Second review by Serge Noels (Quality Manager) and final char									

Page 2 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





# **Table of Contents**

2.1       TOPICS OF THE DISSEMINATION       9         3       MANAGEMENT OF THE DISSEMINATION AND COMMUNICATION       10         3.1       RESOURCES FOR THE DISSEMINATION       10         3.2       STRATEGY FOR KNOWLEDGE MANAGEMENT AND IP PROTECTION       10         3.3       PROJECT PUBLIC DELIVERABLES       10         3.4       BARRIERS TO DISSEMINATION AND RISKS       14         3.5       INTERACTION WITH OTHER GV04 PROJECTS       15	A	BBREV	/IATIONS	5
2.1       TOPICS OF THE DISSEMINATION       9         3       MANAGEMENT OF THE DISSEMINATION AND COMMUNICATION	1	EX	XECUTIVE SUMMARY	6
3       MANAGEMENT OF THE DISSEMINATION AND COMMUNICATION	2	DI	ISSEMINATION GOALS	8
3.1       RESOURCES FOR THE DISSEMINATION       10         3.2       STRATEGY FOR KNOWLEDGE MANAGEMENT AND IP PROTECTION       10         3.3       PROJECT PUBLIC DELIVERABLES       10         3.4       BARRIES TO DISSEMINATION AND RISSS       14         3.5       INTERACTION WITH OTHER GV04 PROJECTS       15         4       TARGETED AUDIENCE       15         5       CHANNELS FOR THE DISSEMINATION       16         5.1       DISSEMINATION KIT       16         5.2       WEBSITE       17         3       CONFRENCES AND OTHER EVENTS       18         5.4       STAKEHOLDER PLATFORM EVENTS       18         5.5       OTHER METINOS       18         5.6       SCIENTIC PAPERS AND OTHER EVENTS       18         5.7       NEWSLETTERS AND OTHER PUBLICATIONS       18         5.7       NEWSLETTERS AND THER PUBLICATIONS       19         5.10       LECTURES AND THER PUBLICATIONS       19         5.10       LECTURES AND THER PUBLICATIONS       21         6       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       METHODS OF PAPERS       21         6.2       CITATIONS OF PAPERS       21         6.3		2.1	TOPICS OF THE DISSEMINATION	9
3.2       STRATEGY FOR KNOWLEDGE MANAGEMENT AND IP PROTECTION       10         3.3       PROJECT PUBLIC DELIVERABLES       10         3.4       BARRIERS TO DISSEMINATION AND RISS       14         3.5       INTERACTION WITH OTHER GV04 PROJECTS       15         4       TARGETED AUDIENCE       15         5       CHANNELS FOR THE DISSEMINATION       16         5.1       DISSEMINATION KIT       16         5.2       WEBSTE       17         5.3       CONFERENCES AND OTHER EVENTS       18         5.4       STAKHOLDER PLATFORM EVENTS       18         5.5       OTHER MEETINGS       18         5.5       OTHER MEETINGS       18         5.6       SCIENTIFIC PAPERS AND OTHER PUBLICATIONS       18         5.7       NEWSLITTERS AND PRESS RELEASES       19         5.8       WEBINARS       19         5.10       LECTURES AND SEMINARS       21         6       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBISTE VISITS TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBISTE VISITS TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBISTE VOSTS STATISTICS       22	3	М	IANAGEMENT OF THE DISSEMINATION AND COMMUNICATION	10
3.3       PROJECT PUBLIC DELIVERABLES.       10         3.4       BARRIERS TO DISSEMINATION AND RISKS       14         3.5       INTERACTION WITH OTHER GV04 PROJECTS       15         4       TARGETED AUDIENCE       15         5       CHANNELS FOR THE DISSEMINATION       16         5.1       DISSEMINATION KIT       16         5.2       WEBSTE       17         5.3       CONFERENCES AND OTHER EVENTS       18         5.4       STAKEHOLDER PLATFORM EVENTS       18         5.5       OTHER MEETINGS       18         5.6       SCIENTIFIC PAPERS AND OTHER PUBLICATIONS       18         5.7       NEWSLETTERS AND OTHER PUBLICATIONS       18         5.8       WEBINARS       19         5.9       SOCIAL MEDIA       19         5.10       LECTURES AND SEMINARS       21         6       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBISTE VISITS TRACKING       21         6.2       PLAN OF THE ACTIVITIES AND RESULTS       22         7.1       RESUITS       22         7.2       PLAN OF THE ACTIVITIES AND RESULTS       23         7.2.1       RESUITS       23		3.1	RESOURCES FOR THE DISSEMINATION	10
3.4       BARRIERS TO DISSEMINATION AND RISKS       14         3.5       INTERACTION WITH OTHER GV04 PROJECTS       15         4       TARGETED AUDIENCE       15         5       CHANNELS FOR THE DISSEMINATION       16         5.1       DISSEMINATION KIT       16         5.2       WEBSITE       17         5.3       CONFERENCES AND OTHER EVENTS.       18         5.4       STAKEHOLDER PLATFORM EVENTS.       18         5.5       OTHER MEETINGS.       18         5.6       SCIENTIFIC PAPERS AND OTHER PUBLICATIONS       18         5.6       SCIENTIFIC PAPERS AND DEVILOUTIONS       18         5.7       NEWSLETTERS AND PRESS RELEASES.       19         5.8       WEBINARS.       19         5.10       LECTURES AND SEMINARS.       21         6.1       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBSITE VISITS TRACKING       21         6.2       CITATIONS OF PAPERS       21         6.3       LINKEDIN REFARED RIVE POSTS STATISTICS.       22         7       PLAN OF THE ACTIVITIES AND RESULTS       22         7.1.1       Results       23         7.2.2       Next steps and actions		3.2		
3.5       INTERACTION WITH OTHER GV04 PROJECTS       15         4       TARGETED AUDIENCE       15         5       CHANNELS FOR THE DISSEMINATION       16         5.1       DISSEMINATION KIT       16         5.2       WEBSITE       17         5.3       CONFERENCES AND OTHER EVENTS.       18         5.4       STAKEHOLDER PLATFORM EVENTS.       18         5.5       OTHER MEETINGS       18         5.6       SCIENTIFIC PAPERS AND OTHER PUBLICATIONS       18         5.6       SCIENTIFIC PAPERS AND DEVENTS       18         5.7       NEWSLETTERS AND PRESS RELEASES       19         5.8       WEBINARS       19         5.10       LECTURES AND SEMIMARS       21         6       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBSITE VISITS TRACKING       21         6.1       WEBSITE VISITS TRACKING       21         6.2       CITATIONS OF PAPERS       22         7.1       WEBSITE UPDATES       22         7.1       WEBSITE UPDATES       22         7.1.2       Next steps and actions       23         7.1.2       Next steps and actions       23         7.2		3.3	Project Public Deliverables	10
4       TARGETED AUDIENCE       15         5       CHANNELS FOR THE DISSEMINATION       16         5.1       DISSEMINATION KIT       16         5.2       WEBSITE       17         5.3       CONFERENCES AND OTHER EVENTS       18         5.4       STAKEHOLDER PLATFORM EVENTS       18         5.5       OTHER MEETINGS       18         5.6       SCIENTIFIC PAPERS AND OTHER PUBLICATIONS       18         5.7       NEWSLETTERS AND PRESS RELEASES       19         5.8       WEBINARS       19         5.9       SOCIAL MEDIA       19         5.10       LECTURES AND SEMINARS       21         6       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBSITE VISITS TRACKING       21         6.1       WEBSITE VISITS TRACKING       21         6.1       WEBSITE VISITS TRACKING       22         7       PLAN OF THE ACTIVITIES AND RESULTS       22         7.1       WEBSITE UPDATES       22         7.1.1       Results       23         7.1.2       Next steps and actions       23         7.2.1       Next steps and actions       26         7.3.1       Results		3.4		
5       CHANNELS FOR THE DISSEMINATION       16         5.1       DISSEMINATION KIT       16         5.2       WEBSITE       17         5.3       CONFERENCES AND OTHER EVENTS.       18         5.4       STAKEHOLDER PLATFORM EVENTS.       18         5.5       OTHER MEETINGS.       18         5.6       SCIENTIFIC PAPERS AND OTHER PUBLICATIONS       18         5.7       NEWSLETTERS AND PRESS RELEASES.       19         5.8       WEBINARS.       19         5.10       LECTURES AND PRESS RELEASES.       19         5.10       LECTURES AND SEMINARS.       21         6       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBSITE VISITS TRACKING       21         6.2       CITATIONS OF PAPERS       21         6.3       LINKEDIN REFREEDRIVE POSTS STATISTICS.       22         7.1       WEBSITE UPDATES       22         7.1.1       RESUlts       23         7.2       Next steps and actions       23         7.2.1       Next steps and actions       23         7.2.1       Results       26         7.2.2       Next steps and actions       26         7.3.2		3.5	INTERACTION WITH OTHER GV04 PROJECTS	15
5.1       DISSEMINATION KIT       16         5.2       WEBSITE       17         5.3       CONFERENCES AND OTHER EVENTS.       18         5.4       STAKEHOLDER PLATFORM EVENTS.       18         5.5       OTHER MEETINGS.       18         5.6       SCIENTIFIC PAPERS AND OTHER PUBLICATIONS       18         5.7       NEWSLETTERS AND PRESS RELEASES.       19         5.8       WEBINARS       19         5.9       SOCIAL MEDIA       19         5.10       LECTURES AND SEMINARS       21         6.1       WEBSITE VISITS TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBSITE VISITS TRACKING       21         6.2       CTATIONS OF PAPERS       21         6.3       LINKEDIN REFREEDRIVE POSTS STATISTICS       22         7.1       WEBSITE UPDATES       22         7.11       RESUITS       22         7.11       RESUITS       23         7.2       Next steps and actions       23         7.2.1       Results	4	TA	ARGETED AUDIENCE	15
5.2       WEBSITE       17         5.3       CONFERENCES AND OTHER EVENTS.       18         5.4       STAKEHOLDER PLATFORM EVENTS.       18         5.5       OTHER MEETINGS.       18         5.6       SCIENTIFIC PAPERS AND OTHER PUBLICATIONS.       18         5.7       NEWSLETTERS AND OTHER PUBLICATIONS.       18         5.7       NEWSLETTERS AND PRESS RELEASES.       19         5.8       WEBINARS.       19         5.9       SOCIAL MEDIA.       19         5.10       LECTURES AND SEMINARS.       21         6       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBSITE VISITS TRACKING       21         6.2       CITATIONS OF PAPERS       21         6.3       LINKEDIN REFREEDRIVE POSTS STATISTICS.       22         7       PLAN OF THE ACTIVITIES AND RESULTS       22         7.1.1       WEBSITE UPDATES       22         7.1.2       NEXT steps and actions       23         7.2       CONFERENCES AND OTHER EVENTS       23         7.2.1       Results       26         7.2.2       Next steps and actions       23         7.3.1       Results       26	5	CH	HANNELS FOR THE DISSEMINATION	16
5.3       CONFERENCES AND OTHER EVENTS.       18         5.4       STAKEHOLDER PLATFORM EVENTS.       18         5.5       OTHER MEETINGS.       18         5.6       SCIENTIFIC PAPERS AND OTHER PUBLICATIONS.       18         5.7       NEWSLETTERS AND PRESS RELEASES.       19         5.8       WEBINARS       19         5.10       LECTURES AND SEMINARS       11         6       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBSITE VISITS TRACKING       21         6.1       WEBSITE VISITS TRACKING       21         6.2       CITATIONS OF PAPERS       21         6.3       LINKEDIN REFREEDRIVE POSTS STATISTICS.       22         7       PLAN OF THE ACTIVITIES AND RESULTS       22         7.1       WEBSITE UPDATES       22         7.1.1       Results.       23         7.2       CONFERENCES AND OTHER EVENTS.       23         7.2.1       Results.       26         7.3.2       Next steps and actions       23         7.2.1       Results.       29         7.3.2       Next steps and actions       29         7.3.1       Results.       29         7.3.2 <th></th> <th>5.1</th> <th>DISSEMINATION KIT</th> <th> 16</th>		5.1	DISSEMINATION KIT	16
5.4       STAKEHOLDER PLATFORM EVENTS.       18         5.5       OTHER MEETINGS.       18         5.6       SCIENTIFIC PAPERS AND OTHER PUBLICATIONS.       18         5.7       NEWSLETTERS AND PRESS RELEASES.       19         5.8       WEBINARS.       19         5.9       SOCIAL MEDIA       19         5.10       LECTURES AND SEMINARS.       21         6       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBSITE VISITS TRACKING.       21         6.2       CITATIONS OF PAPERS.       21         6.3       LINKEDIN REFREEDRIVE POSTS STATISTICS.       22         7       PLAN OF THE ACTIVITIES AND RESULTS       22         7.1       WEBSITE UPDATES.       22         7.1       WEBSITE UPDATES.       23         7.2       CONFERENCES AND OTHER EVENTS.       23         7.2.1       Results.       26         7.2.2       Next steps and actions.       23         7.3.1       Results.       26         7.3.2       Next steps and actions.       26         7.3.1       Results.       29         7.3.2       Next steps and actions.       30         7.4.1		5.2		
5.5       OTHER MEETINGS       18         5.6       SCIENTIFIC PAPERS AND OTHER PUBLICATIONS       18         5.7       NEWSLETTERS AND PRESS RELEASES       19         5.8       WEBINARS       19         5.9       SOCIAL MEDIA       19         5.10       LECTURES AND SEMINARS       19         5.10       LECTURES AND SEMINARS       21         6       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBSITE VISITS TRACKING       21         6.2       CITATIONS OF PAPERS       21         6.3       LINKEDIN REFREEDRIVE POSTS STATISTICS.       22         7       PLAN OF THE ACTIVITIES AND RESULTS       22         7.1.1       WEBSITE UPDATES       22         7.1.1       Results       23         7.1.2       Next steps and actions       23         7.2.1       Results       26         7.3       SCIENTIFIC PAPERS       29         7.3.1       Results       29         7.3.2       Next steps and actions       30         7.4       OTHER MEETINGS       30         7.4.1       RESULTS       29         7.3.2       Next steps and actions <t< th=""><th></th><th></th><th></th><th></th></t<>				
5.6       SCIENTIFIC PAPERS AND OTHER PUBLICATIONS       18         5.7       NEWSLETTERS AND PRESS RELEASES       19         5.8       WEBINARS       19         5.9       SOCIAL MEDIA       19         5.10       LECTURES AND SEMINARS       19         5.10       LECTURES AND SEMINARS       21         6       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBSITE VISITS TRACKING       21         6.2       CITATIONS OF PAPERS       21         6.3       LINKEDIN REFREEDRIVE POSTS STATISTICS.       22         7       PLAN OF THE ACTIVITIES AND RESULTS       22         7.1       WEBSITE UPDATES       22         7.1.1       Results       23         7.1.2       Next steps and actions       23         7.2.1       Results       26         7.2.2       Next steps and actions       26         7.3       SCIENTIFIC PAPERS       29         7.3.1       Results       30         7.4.1       ECI European Motor Workshop 2018       30         7.4.2       RefreeDrive Workshop 2018       30         7.4.3       Results       30		-		-
5.7       NEWSLETTERS AND PRESS RELEASES.       19         5.8       WEBINARS       19         5.9       SOCIAL MEDIA.       19         5.10       LECTURES AND SEMINARS       21         6       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBSITE VISITS TRACKING       21         6.2       CITATIONS OF PAPERS       21         6.3       LINKEDIN REFREEDRIVE POSTS STATISTICS.       22         7       PLAN OF THE ACTIVITIES AND RESULTS       22         7.1       WEBSITE UPDATES       22         7.1.1       Results       23         7.1.2       Next steps and actions       23         7.2.1       Results       26         7.3.2       Next steps and actions       23         7.2.1       Results       26         7.3.2       Next steps and actions       26         7.3.3       SCIENTIFIC PAPERS       29         7.3.1       Results       29         7.3.2       Next steps and actions       30         7.4.1       ECI European Motor Workshop 2018       30         7.4.2       ReFreeDrive Workshop @ Collecch World Magnetic Conference       30         7.4.				
5.8       WEBINARS       19         5.9       SOCIAL MEDIA       19         5.10       LECTURES AND SEMINARS       21         6       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBSITE VISITS TRACKING       21         6.2       CITATIONS OF PAPERS       21         6.3       LINKEDIN REFREEDRIVE POSTS STATISTICS       22         7       PLAN OF THE ACTIVITIES AND RESULTS       22         7.1       WEBSITE UPDATES       22         7.1       WEBSITE UPDATES       22         7.1.1       Results       23         7.1.2       Next steps and actions       23         7.2.1       Results       26         7.2.2       Next steps and actions       26         7.3.2       Next steps and actions       26         7.3.1       Results       29         7.3.1       Results       29         7.3.2       Next steps and actions       30         7.4       OTHER INFERS       30         7.4.3       Results       31				
5.9       SOCIAL MEDIA		-		
5.10       LECTURES AND SEMINARS       21         6       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBSITE VISITS TRACKING       21         6.2       CITATIONS OF PAPERS       21         6.3       LINKEDIN REFREEDRIVE POSTS STATISTICS.       22         7       PLAN OF THE ACTIVITIES AND RESULTS       22         7.1       WEBSITE UPDATES       22         7.1.1       Results       23         7.2       Next steps and actions       23         7.2.1       Results       26         7.2.2       Next steps and actions       26         7.3       SCIENTIFIC PAPERS       29         7.3.1       Results       29         7.3.2       Next steps and actions       30         7.4       OTHER MEETINGS       30         7.4.1       ECI European Motor Workshop 2018       30         7.4.2       ReFreeDrive Workshop @ Coiltech World Magnetic Conference       30         7.4.3       Results       31				
6       METHODS FOR TRACKING AND EVALUATING OF THE DISSEMINATION       21         6.1       WEBSITE VISITS TRACKING       21         6.2       CITATIONS OF PAPERS       21         6.3       LINKEDIN REFREEDRIVE POSTS STATISTICS       22         7       PLAN OF THE ACTIVITIES AND RESULTS       22         7.1       WEBSITE UPDATES       22         7.1.1       Results       23         7.1.2       Next steps and actions       23         7.2       CONFERENCES AND OTHER EVENTS       23         7.2.1       Results       23         7.2.2       Next steps and actions       26         7.2.3       Next steps and actions       26         7.3.4       Results       29         7.3.1       Results       29         7.3.2       Next steps and actions       30         7.4       OTHER MEETINGS       30         7.4.1       ECI European Motor Workshop 2018       30         7.4.2       ReFreeDrive Workshop @ Coiltech World Magnetic Conference       30         7.4.3       Results       31				
6.1WEBSITE VISITS TRACKING216.2CITATIONS OF PAPERS216.3LINKEDIN REFREEDRIVE POSTS STATISTICS227PLAN OF THE ACTIVITIES AND RESULTS227.1WEBSITE UPDATES227.1.1Results237.1.2Next steps and actions237.1.2CONFERENCES AND OTHER EVENTS237.2CONFERENCES AND OTHER EVENTS237.2.1Results267.2.2Next steps and actions267.3SCIENTIFIC PAPERS297.3.1Results297.3.2Next steps and actions307.4OTHER MEETINGS307.4.1ECI European Motor Workshop 2018307.4.2ReFreeDrive Workshop @ Coiltech World Magnetic Conference307.4.3Results31	c			
6.2       CITATIONS OF PAPERS       21         6.3       LINKEDIN REFREEDRIVE POSTS STATISTICS.       22         7       PLAN OF THE ACTIVITIES AND RESULTS       22         7.1       WEBSITE UPDATES       22         7.1.1       Results       23         7.1.2       Next steps and actions       23         7.2       CONFERENCES AND OTHER EVENTS.       23         7.2.1       Results       23         7.2.2       Next steps and actions       23         7.2.3       Results       26         7.3       SCIENTIFIC PAPERS       26         7.3       SCIENTIFIC PAPERS       26         7.3.1       Results       26         7.3.2       Next steps and actions       26         7.3.2       Next steps and actions       26         7.3.1       Results       29         7.3.2       Next steps and actions       30         7.4       OTHER MEETINGS       30         7.4.1       ECI European Motor Workshop 2018       30         7.4.2       ReFreeDrive Workshop @ Coiltech World Magnetic Conference       30         7.4.3       Results       31	6			
6.3 LINKEDIN REFREEDRIVE POSTS STATISTICS.227 PLAN OF THE ACTIVITIES AND RESULTS227.1 WEBSITE UPDATES227.1.1 Results237.1.2 Next steps and actions237.2 CONFERENCES AND OTHER EVENTS237.2 CONFERENCES AND OTHER EVENTS237.2.1 Results267.2.2 Next steps and actions267.3 SCIENTIFIC PAPERS297.3.1 Results297.3.2 Next steps and actions307.4 OTHER MEETINGS307.4.1 ECI European Motor Workshop 2018307.4.2 ReFreeDrive Workshop @ Coiltech World Magnetic Conference307.4.3 Results31		-		
7       PLAN OF THE ACTIVITIES AND RESULTS       22         7.1       WEBSITE UPDATES       23         7.1.1       Results       23         7.1.2       Next steps and actions       23         7.1       Next steps and actions       23         7.1.2       Next steps and actions       23         7.2       CONFERENCES AND OTHER EVENTS       23         7.2.1       Results       26         7.2.2       Next steps and actions       26         7.3.1       Results       26         7.3.1       Results       29         7.3.1       Results       29         7.3.2       Next steps and actions       30         7.4       OTHER MEETINGS       30         7.4.1       ECI European Motor Workshop 2018       30         7.4.2       ReFreeDrive Workshop @ Coiltech World Magnetic Conference       30         7.4.3       Results       31		-		
7.1       WEBSITE UPDATES       22         7.1.1       Results       23         7.1.2       Next steps and actions       23         7.1.2       Next steps and actions       23         7.1       CONFERENCES AND OTHER EVENTS       23         7.2       CONFERENCES AND OTHER EVENTS       23         7.2.1       Results       26         7.2.2       Next steps and actions       26         7.3       SCIENTIFIC PAPERS       29         7.3.1       Results       29         7.3.2       Next steps and actions       30         7.4       OTHER MEETINGS       30         7.4.1       ECI European Motor Workshop 2018       30         7.4.2       ReFreeDrive Workshop @ Coiltech World Magnetic Conference       30         7.4.3       Results       31				
7.1.1       Results       23         7.1.2       Next steps and actions       23         7.2       CONFERENCES AND OTHER EVENTS       23         7.2.1       Results       26         7.2.2       Next steps and actions       26         7.3       SCIENTIFIC PAPERS       29         7.3.1       Results       29         7.3.2       Next steps and actions       20         7.4       OTHER MEETINGS       30         7.4.1       ECI European Motor Workshop 2018       30         7.4.2       ReFreeDrive Workshop @ Coiltech World Magnetic Conference       30         7.4.3       Results       31	7			
7.1.2       Next steps and actions       23         7.2       CONFERENCES AND OTHER EVENTS       23         7.2.1       Results       26         7.2.2       Next steps and actions       26         7.3       SCIENTIFIC PAPERS       29         7.3.1       Results       29         7.3.2       Next steps and actions       30         7.4       OTHER MEETINGS       30         7.4.1       ECI European Motor Workshop 2018       30         7.4.2       ReFreeDrive Workshop @ Coiltech World Magnetic Conference       30         7.4.3       Results       31		7.1		
7.2CONFERENCES AND OTHER EVENTS.237.2.1Results.267.2.2Next steps and actions267.3SCIENTIFIC PAPERS297.3.1Results.297.3.2Next steps and actions307.4OTHER MEETINGS307.4.1ECI European Motor Workshop 2018.307.4.2ReFreeDrive Workshop @ Coiltech World Magnetic Conference307.4.3Results.31				
7.2.1       Results				
7.2.2Next steps and actions267.3SCIENTIFIC PAPERS297.3.1Results297.3.2Next steps and actions307.4OTHER MEETINGS307.4.1ECI European Motor Workshop 2018307.4.2ReFreeDrive Workshop @ Coiltech World Magnetic Conference307.4.3Results31				
7.3       SCIENTIFIC PAPERS       29         7.3.1       Results       29         7.3.2       Next steps and actions       30         7.4       OTHER MEETINGS       30         7.4.1       ECI European Motor Workshop 2018       30         7.4.2       ReFreeDrive Workshop @ Coiltech World Magnetic Conference       30         7.4.3       Results       31				
7.3.1Results297.3.2Next steps and actions307.4OTHER MEETINGS307.4.1ECI European Motor Workshop 2018307.4.2ReFreeDrive Workshop @ Coiltech World Magnetic Conference307.4.3Results31				
7.3.2Next steps and actions307.4OTHER MEETINGS307.4.1ECI European Motor Workshop 2018307.4.2ReFreeDrive Workshop @ Coiltech World Magnetic Conference307.4.3Results31				
7.4OTHER MEETINGS307.4.1ECI European Motor Workshop 2018307.4.2ReFreeDrive Workshop @ Coiltech World Magnetic Conference307.4.3Results31				
7.4.1ECI European Motor Workshop 2018				
7.4.2ReFreeDrive Workshop @ Coiltech World Magnetic Conference307.4.3Results31				
7.4.3 Results		7.4		
7.4.4 Next steps and actions		7.4		
		7.4	4.4 Next steps and actions	31

#### Page 3 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





7.5 New	/SLETTER	
7.5.1	Results	
7.5.2	Next steps and actions	
7.6 Soci	AL MEDIA	
7.6.1		
7.7 BAR	riers and Risks	
APPEN	אוס אוס אוס אוס אוס איז איז אוס אוס אוס איז איז	34
8.1 WEB	3SITE	
8.1.1	News Section	
8.1.2	Statistics of the website	
8.2 LEAF	EET AND POSTER: FIRST RELEASE	
8.3 New	/SLETTERS	
8.3.1	Join us at Coiltech	
8.3.2	ReFreeDrive @ World Magnetic Conference	
8.4 Отн	er Events – ECI workshop	
8.5 Soci	AL MEDIA	
8.5.1	Common domain clustering all the active GV04 projects	
8.5.2	Common linkedIn page clustering all GV04 active projects	
8.5.3	ReFreeDrive Workshop @Coiltech - World Magnetic Conference	
8.5.4	LinkedIn analytics after one month running of cluster page:	
	7.5.1 7.5.2 7.6 Soci 7.6.1 7.7 Bari <b>APPEN</b> 8.1 Wee <i>8.1.1</i> <i>8.1.2</i> 8.2 Leaf 8.3 New <i>8.3.1</i> <i>8.3.2</i> 8.4 Oth 8.5 Soci <i>8.5.1</i> <i>8.5.2</i> <i>8.5.3</i>	<ul> <li>7.5.2 Next steps and actions</li></ul>

#### Page 4 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





# **Abbreviations**

- ANFAC = Asociación Española de Fabricantes de Automóviles y Camiones
- CCFA = Comité des Constructeurs Français d'Automobiles
- DEM = Direct Email Marketing
- EC = European Commission
- ECI = European Copper Institute
- EU = European Union
- F2F = Face to Face
- FEBIAC = Fédération belgo-luxembourgeoise de l'Automobile et du Cycle
- KOM = Kick-off meeting of the ReFreeDrive project (Oct 2017 in Brussels)
- OEM = Original Equipment Manufacturer (here: Car Maker)
- ORDP = Open Research Data Pilot
- PPM = Project Progress Meeting
- PPT = Microsoft PowerPoint Format
- SMMT = Society of Motor Manufacturers and Traders
- Tbd=to be defined
- UAQ = University of l' Aquila, Italy
- VDA = Verband der Automobilindustrie

This reflects only the author's views. The Community is not liable for any use that may be made of the information contained therein.

#### Page 5 of 47





# **1** Executive Summary

The present report provides an overview on the planned and already realized activities, tools and elements to be used in the dissemination of ReFreeDrive project results to the envisioned audience.

The main goals of these activities are to:

- Create awareness about the potential of the proposed solutions
- Make results available for other potential beneficiaries or users
- fostering competitiveness and growth and increasing benefits to the European Union (EU) economy and citizens
- Create additional value for partners of the project
- Network with other H2020 projects
- Increase competitiveness of concerned industry in EU and sell project results
- Inform EU policy maker

We make use of skills and experiences among the consortium partners to achieve these goals, allocate sufficient resources to fulfil the task and also designate responsible communication manager from the European Copper Institute (ECI) and dissemination leader from the University of l' Aquila (UAQ).

Most of the channels and tools have been defined, although not all finally decided:

- Possible conferences, our own stakeholder events and other meetings
- Scientific Papers
- Tools like our own ReFreeDrive website, dissemination kit material, leaflet and poster
- Social media channel access

This report contains the definition of the target audience, the methods recognized for the dissemination, a plan of the activity for the first project period and a report about the dissemination of the preliminary project results. The objectives of this report are to highlight the plan for the project dissemination activities and report those activities undertaken during the first

Page 6 of 47

<sup>©</sup>REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.

This reflects only the author's views. The Community is not liable for any use that may be made of the information contained therein.





year. This deliverable fulfils its objectives and there has been no deviation from the Grant Agreement foreseen content or its timing.

The activities from the first year of the project have been mainly focused on:

- Development of the dissemination kit (including leaflet and posters);
- Development of the website (including the updates of the news);
- Organization and participation at the ECI European Motor Workshop;
- Organization and participation to the ReFreeDrive Workshop @ Coiltech
- Publication of six scientific papers;
- Setup of a LinkedIn page shared with the GV04 projects DRIVEMODE and ModulED.

The results of the campaign are satisfactory and are tracked through the website visits. More than 500 new users and 2000 visits have been collected within July 2018. Tracking data related to papers and LinkedIn page will be released in the next report.

The recognized barriers and risks and selected mitigating actions do not seem to affect the dissemination strategy.

# ©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.

This reflects only the author's views. The Community is not liable for any use that may be made of the information contained therein.

#### Page 7 of 47





# 2 Dissemination Goals

UAQ will work as dissemination leader, ensuring that all the partners within the Consortium disseminate the knowledge gathered in the project to various sources within the scientific and industrial community. Dissemination activities will target academic and industrial researchers working in the fields of traction motors, industrial motors, power electronics and integrated powertrain solutions. The main dissemination goal in the ReFreeDrive project is to communicate the results achieved in the project to identified stakeholder groups through defined channels.

The dissemination of the results should overall:

- Create awareness about the potential of the proposed solutions
- Make results available for other potential beneficiaries or users
- Foster competitiveness and growth and increasing benefits to the European Union economy and citizens
- Create additional value for the partners of the project
- Network with other H2020 projects
- Increase competitiveness of concerned industry in EU and sell project results
- Inform EU policy maker

To fullfill the goals recognized dissemination tasks are planned in details, in particular:

- Management of the dissemination activities: Chapter 3;
- Targeting of the audience: Chapter 4;
- Definition of the suitable Methods: Chapter 5;
- Definition of the tracking and evaluating methods of the results: Chapter 6.

These items are the base for the whole dissemination activities ongoing over the three years of the project's lifetime.

The detailed plan of the activities and the monitoring of the results will be developed yearly (Chapter 7) and reported in the D9.4, D9.5 and D9.6 respectively for each year of the project.

This reflects only the author's views. The Community is not liable for any use that may be made of the information contained therein.

#### Page 8 of 47





### 2.1

### Topics of the dissemination

The project responds to the needs of developing new electric traction technologies for electric vehicles, proposing innovative solutions to enhance the actual state of art in terms of performance, manufacturability supply chain and cost reduction.

In particular the project focuses on rare earth free traction solutions. The adoption of rare earth elements has been recognized for strongly affecting the costs of current electric motor solutions and concerns arise for the related supply chain due to the geographical distribution of these materials.

The efforts of the consortium will be focused on the development of technologies oriented to mass production to overcome the adoption of these risky materials

The topics of the dissemination activities will center on the expected results from the different work-packages of the project:

- Design principles
- New methodologies
- Innovative workflows
- Specific innovation aspects
- Key technologies description
- Material selection studies
- Performances achieved
- Demonstration of effectiveness of the achievements
- Exploitation possibilities
- Evaluation of the state of art electric traction technologies for EV
- Key performance indicators
- Analysis of the suitable alternative technologies to achieve the target of the project
- Development on the design flow
- Materials selection study
- Components selection study
- Design principles
- Architecture result comparisons
- Performance evaluation
- Test results and performances validation
- Demonstration results

#### Page 9 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





The ReFreeDrive project is classified as a Research and Innovation Action, hence it is important that the dissemination strategy aims to share the project results, including developed principles, methodologies, achievements and results. Nevertheless to fulfill the scope of the project the dissemination activities shall disclose the main findings without affecting their exploitation potential of the results by the partners.

# 3 Management of the dissemination and communication

# 3.1 Resources for the dissemination

The activities of the communication and dissemination tasks are bundled and organized in a dedicated work package WP9 with a total time budget of about 24 person-months (= 4,3% of the total time spent of the project), allocated to all consortium partners to make sure everyone can contribute and participate in selective activities.

The Dissemination Plan here present outlines the ongoing framework and will be adjusted over the course of the entire project as appropriate to guarantee a continuous and effective communication strategy.

Travel budget will be used also for dissemination actions that include participation to scientific conferences, exhibitions, stakeholders meetings and Face to face (F2F) meetings.

### 3.2 Strategy for knowledge management and IP protection

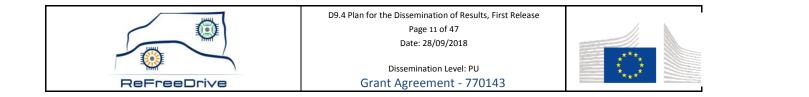
IPR monitoring will be an explicit part in WP8, under task leader Mavel. Monitoring of foreground and IPR issues, the project's IPR strategy, consolidating the interests of all partners, will be updated each year of the project and monitored by Mavel. All partners will identify all knowledge to be protected and Cidaut, who has a department specialized in IPR issues, will assist all partners which protection should be chosen. IPR help desk will be contacted in cases of conflicts as well as to provide advice.

# 3.3 Project Public Deliverables

The following Table 1 lists all ReFreeDrive project deliverables. The public reports will be entirely part of the dissemination tasks and actions, whereas for confidential deliverables we plan to issue at least a short but comprehensive executive summary to be used for publications.

This reflects only the author's views. The Community is not liable for any use that may be made of the information contained therein.

#### Page 10 of 47



#### Table 1: List of deliverables

WP No	Del Rel. No	Del No	Title	Description	Lead Beneficiary	Nature	Dissemination Level	Est. Del. Date (annex I)
WP1	D1.1	D1	First Progress Report	First Progress Report	CID	Report	Public	30-set-18
WP1	D1.2	D2	Second Progress Report	Second Progress Report	CID	Report	Public	30-set-19
WP1	D1.3	D3	Third Progress Report	Third Progress Report	CID	Report	Public	30-set-20
WP2	D2.1	D4	KPI Key Performance Indicators Document	KPI Key Performance Indicators Document	PRI	Report	Confidential	31-dic-17
WP2	D2.2	D5	ReFreeDrive testing vehicles: Driving Cycle	ReFreeDrive testing vehicles: Driving Cycle	PRI	Report	Public	31-dic-17
WP2	D2.3	D6	Functional subsystems Full Technical Specifications	Functional subsystems Full Technical Specificat	PRI	Report	Confidential	28-feb- 18
WP3	D3.1	D7	Preliminary IM Design Analysis and Material Selection	ign Analysis and Preliminary IM Design Analysis and Material Sel		Report	Confidential	30-apr- 18
WP3	D3.2	D8	CR-IM Electromagnetic Design Report for Inner and Outer Rotor	CR-IM Electromagnetic Design Report for Inner a	MDL	Report	Confidential	31-ott-18
WP3	D3.3	D9	CR-IM Thermal Design Report for Inner and Outer Rotor	CR-IM Thermal Design Report for Inner and Outer	MDL	Report	Confidential	31-mar- 19
WP3	D3.4	D10	CR-IM Full Design (including CAD) for Inner and Outer Rotor Designs	CR-IM Full Design (including CAD) for Inner and	MDL	Report	Confidential	30-giu-19
WP4	D4.1	D11	SynRel Preliminary analysis	SynRel Preliminary analysis	IFPEN	Report	Public	30-set-18
WP4	D4.2	D12	SynRel Electro Magnetic Design Track 1 / Track 2	c Design Track 1 SynRel Electro Magnetic Design Track 1 / Track 2		Report	Confidential	31-mar- 19
WP4	D4.3	D13	PM SynRel Electro Magnetic Design Track 1 / Track 2	PM SynRel Electro Magnetic Design Track 1 / Tra	IFPEN	Report	Confidential	31-mar- 19
WP4	D4.4	D14	SynRel Full Design Track 1 / Track 2	SynRel Full Design Track 1 / Track 2	UAQ	Report	Confidential	30-giu-19
WP4	D4.5	D15	PM SynRel Full Design Track 1 / Track 2	PM SynRel Full Design Track 1 / Track 2	IFPEN	Report	Confidential	30-giu-19
WP5	D5.1	D16	Application software for IM and SynRel motor control	Application software for IM and SynRel motor co	UAQ	Report	Confidential	30-giu-19





H2020 – GV04 – 2017 – Grant Agreement 770143 – Project REFREEDRIVE

	100Dill	-		ReFreeDrive_D9.4_Diss_Plan_v4.docx				
WP5	D5.2	D17	High Power Range Electric Drive Design	High Power Range Electric Drive Design	IFPEN	Report	Confidential	30-giu-19
WP5	D5.3	D18	Medium Power Range Electric Drive Design	Medium Power Range Electric Drive Design	UAQ	Report	Confidential	30-giu-19
WP5	D5.4	D19	Technical High Power Powertrain Integration Description Document	Technical High Power Powertrain Integration Des	PRI	Report	Public	30-set-19
WP5	D5.5	D20	Technical Medium Power Powertrain Integration Description Document	Technical Medium Power Powertrain Integration D	PRI	Report	Public	30-set-19
WP6	D6.1	D21	Induction Machine with Die Casted Copper Rotor for 75kW of operation	Induction Machine with Die Casted Copper Rotor	TCM	Other	Confidential	29-feb- 20
WP6	D6.2	D22	Induction Machine with Fabricated Copper Rotor for 75kW of operation	Induction Machine with Fabricated Copper Rotor	TCM	Other	Confidential	29-feb- 20
WP6	D6.3	D23	Pure Synchronous Reluctance Motor for 75kW of operation	Pure Synchronous Reluctance Motor for 75kW of o	MAV	Other	Confidential	29-feb- 20
WP6	D6.4	D24	PM Synchronous Reluctance Motor for 75kW of operation	PM Synchronous Reluctance Motor for 75kW of ope	MAV	Other	Confidential	29-feb- 20
WP6	D6.5	D25	Induction Machine with Die Casted Copper Rotor for 200kW of operation	Induction Machine with Die Casted Copper Rotor	TCM	Other	Confidential	29-feb- 20
WP6	D6.6	D26	Induction Machine with Fabricated Copper Rotor for 200kW of operation	Induction Machine with Fabricated Copper Rotor	TCM	Other	Confidential	29-feb- 20
WP6	D6.7	D27	Pure Synchronous Reluctance Motor for 200kW of operation	Pure Synchronous Reluctance Motor for 200kW of	MAV	Other	Confidential	30-set-19
WP6	D6.8	D28	PM Synchronous Reluctance Motor for 200kW of operation	PM Synchronous Reluctance Motor for 200kW of op	MAV	Other	Confidential	30-set-19
WP6	D6.9	D29	Power Electronics for the 75kW power setting	Power Electronics for the 75kW power setting	R13	Other	Confidential	30-set-19
WP6	D6.10	D30	Power Electronics for the 200kW power setting	Power Electronics for the 200kW power setting	IFPEN	Other	Confidential	30-set-19
WP7	D7.1	D31	Motor testing results	Motor testing results	IFPEN	Report	Public	31-dic-19
WP7	D7.2	D32	Integrated e-Drive test bench testing	Integrated e-Drive test bench testing results	CID	Report	Public	31-mar-

#### Page 12 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.



H2020 – GV04 – 2017 – Grant Agreement 770143 – Project REFREEDRIVE



#### ReFreeDrive\_D9.4\_Diss\_Plan\_v4.docx

			results					20
WP7	D7.3	D33	In vehicle Technology Validation	In vehicle Technology Validation	PRI	Report	Public	30-giu-20
WP8	D8.1	D34	Techno economic Evaluation	Techno economic Evaluation	ECI	Report	Confidential	30-set-20
WP8	D8.2	D35	LCA technologies analyses	LCA technologies analyses	CID	Report	Public	30-set-20
WP8	D8.3	D36	Plan for the Exploitation of Results, first draft	Plan for the Exploitation of Results, first draft	MAV	Report	Confidential	31-mar- 19
WP8	D8.4	D37	Plan for the Exploitation of Results, final draft	Plan for the Exploitation of Results, final draft	MAV	Report	Confidential	30-set-20
WP9	D9.1	D38	Project Website	Project Website	CID	Other	Public	31-dic-17
WP9	D9.2	D39	Open Data Management Plan	Open Data Management Plan	CID	ORDP:	Public	31-mar- 18
WP9	D9.3	D40	Communication Plan	Communication Plan	ECI	Report	Public	31-mar- 18
WP9	D9.4	D41	Plan for the Dissemination of Results, First Release	Plan for the Dissemination of Results, First Re	UAQ	Report	Public	30-set-18
WP9	D9.5	D42	Plan for the Dissemination of Results, Mid Release	Plan for the Dissemination of Results, Mid Release	UAQ	Report	Public	30-set-19
WP9	D9.6	D43	Plan for the Dissemination of Results, Final Release	Plan for the Dissemination of Results, Final Re	UAQ	Report	Public	30-set-20
			Final Release					

#### Page 13 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





# *3.4 Barriers to dissemination and risks*

Following barriers to dissemination have been identified. The Table 2 reports them along with the possible mitigating solutions.

Until now, no barriers neither risks have been materialized and we are on track with our dissemination activities and their anticipated outcomes according to the status of the project.

Barriers	Severity	Countermeausures
Protection of methods and results by the owners.	Medium	Each partner is responsible for the exploitation of its own results and will take care of the comprehensiveness of the results to be disseminated.
Lack of target audience	Low	Selected target audience is wide and comprehensive, feedbacks from the communication and dissemination campaign will be used to improve the target audience
Difficulties in reaching the main stakeholders in the field	High	Main stakeholders could be difficult to be reached and to be convinced, the inclusion of different kind of events in the field i.e. conferences, exhibitions and stakeholder meeting will help in reaching the main stakeholders. Liason with the other GV04 projects will help in strenghten the messages
Target audience not convinced of the exploitation potential of the results	Medium	Particular attention will be paid in highlighting the potentiality of the results, Tests and demonstrations Steps will be extensively documented to support the dissemination activities

 Table 2: Disseminatoin barriers

The Table 3 reports the recognized risks in the dissemination campaign and selected mitigation actions.

#### Table 3: Dissemination risks

Risks	Severity	Mitigations
Delay in dissemination due to delay in Results.	Medium	The dissemination campaign started at the beginning of the project as soon as meaningful preliminary results are available. Preliminary study and adopted methodologies will be used in the early stage of the dissemination.
Results not convincing	Medium	Comparison of different solution will be provided and validated. Links to a comprehensive reference list about the state of art and literature will be provided
Lack of comprehensive Results	Low	Each partner is responsible for the exploitation of its own results and will take care of the comprehensiveness of the results to be disseminated. A list of expected results and data to be collected will be discussed among all



\*\*\*\* \* \* \*\*\*

H2020 – GV04 – 2017 – Grant Agreement 770143 – Project REFREEDRIVE ReFreeDrive D9.4 Diss Plan v4 docy

		ReFreeDrive_D9.4_Diss_Plan_v4.docx
		the partners
Lack of Resources for Dissemination	Medium	To optimize the resources available will be taken advantage of the skills and the tools of each partners and the initiatives undertaken by them
Disclose confidential Information	Low	Each partner is proprietary of the results carried out during the activity in the project and responsible of their dissemination

# 3.5 Interaction with other GV04 projects

In order to increase awareness and use synergies in communication and dissemination activities, the RefreeDrive project will explore different avenues of joint-activities (i.e. joint LinkedIn page, possible joint event or workshop, common attendance of larger events/ conferences) with the other two GV04 projects from the call: ModulED and DriveMode.

# 4 Targeted Audience

Target audience have been identified by considering the type of the results the project is going to outline as shown in the Figure 1. Since the project aims to develop new technologies and related prototypes and demonstrators the target audience is mainly focused but not limited on the left region of the Figure 1., meaning Research communities and industry innovators.



Figure 1: Dissemination of project results: Dissemination Means and Target Audience:

To better identify members and entry points at different stakeholder groups we make use of the experience, resources and networks of all consortium partners. The recognized stakeholder groups comprise, but are not limited to:

- Scientific and academic community
- Automotive OEMs
- Smaller E-vehicle manufacturers

#### Page 15 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





- Other identified potential customers
- Automotive supply chain
- Other motor sectors (railway, marine)
- European manufacturing platforms and associations, including all those related to emobility (ECI is a member of the Platform for E-mobility)
- EU and national policy makers
- Engagement with EU policies
- Civic society and citizens in general
- Others tbd

The partners' efforts will focus:

- dissemination actions toward research communities in the field of electrical machines and electrical drive;
- dissemination actions toward industry innovators: mainly potential supplier or potential customer interested to engage with the results of the project.;
- EU policymakers
- Society in General

The project partnership includes one Original Equipment Manufacturer (OEM, here referring to car-maker), two third part manufacturers, one vehicle integrator and several suppliers. All these partners are part of the recognized audience of the dissemination actions and are eligible to exploit the results of the project.

# 5 Channels for the Dissemination

The dissemination strategy will use different channels and media, using the skills and experiences across all consortium partners, to ensure a large visibility and create awareness among the target audience.

# 5.1 Dissemination kit

#### Logo

Several options for a project logo have been circulated and discussed at the Kick off Meeting (KOM). All consortium partners have approved the final version shown in Figure 2.

<sup>©</sup>REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.







#### General overview on ReFreeDrive

A general project overview has been developed by Cidaut, both as PDF paper as well as powerpoint presentation, after the KOM based on general information available and pictures provided by consortium partners. The content will be updated after each GA meetings of the project on proposal of the Dissemination Leader.

#### Poster

The UAQ team developed a poster presenting the key objectives of the ReFreeDrive project which can be used for conferences, stakeholder meetings and other events. The content will be updated after each General Assembly meetings of the project on proposal of the Communication and Dissemination Members. First version can be found in the Appendix of this document.

#### Leaflet

Based on a similar design and content as the poster, UAQ furthermore created a short leaflet (4 sides). This print template layout is shared with all ReFreeDrive consortium partners who are then responsible for printing the adequate number of hard copies used for their attendance on events, to share here the costs and avoid shipping. The content will be updated after each GA meetings of the project on proposal of the Communication and Dissemination Members. First version can be found in the Appendix of this document.

### 5.2 Website

The "ReFreeDrive" website is operative under: <u>www.refreedrive.eu</u> since the end of December 2017, managed by Cidaut, and will be constantly updated with project results, events, etc (See D9.3).

In particular, a specific "Download" section of the website has been created to host scientific publications reporting the results of the project, public deliverables and executive summaries of non-public deliverables.

Page 17 of 47

<sup>©</sup>REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.



The home page of the website includes a registration form to subscript to the project dedicated newsletter and a section with the latest news related to the project (see Appendix).

# 5.3 Conferences and other events

This preliminary list of scientific conferences and events (Table I - D9.3) was collected in with input from all consortium partners and will be used for continuous update and planning of attendance over the course of the ReFreeDrive project. Many are regular events, hence even if deadline for presenting or submission of papers in 2018 has already expired; we may consider them in the upcoming years.

# 5.4 Stakeholder platform events

Communication and Dissemination Members will organize in the course of the ReFreeDrive project *three dedicated stakeholder events* to support exploitation and dissemination in new e-Drive technologies. The event will be organized targeting different end users along the mobility value chain, even including lower power range applications (e.g. 15kW) and other types of vehicles that could benefit in the future from these technologies (e.g. two and three wheelers and industrial vehicles).

- Ideally combined with conferences and other existing events
- First ReFreeDrive workshop at Coiltech, Pordenone/IT, 26-27 Sep 2018,

# 5.5 Other meetings

In addition to official events, we will also explore the opportunities to network with stakeholder groups through informal meetings, etc:

- ECI European Motor Workshop, March 13th, 2018 Rome, Italy (see: <u>http://www.pole-medee.com/2017/12/european-motor-workshop-2018/</u>)
- Face-to-face meetings with industry groups, associations (e.g. national car manufacturer or importers like Verband der Automobilindustrie (VDA) in Germany, Fédération belgoluxembourgeoise de l'Automobile et du Cycle (FEBIAC) in Belgium, RAI in Netherlands, Comité des Constructeurs Français d'Automobiles(CCFA) in France, Asociación Española de Fabricantes de Automóviles y Camiones (ANFAC) in Spain or Society of Motor Manufacturers and Traders (SMMT) in the UK), policy makers, etc

# 5.6 Scientific papers and other publications

Out of a preliminary list of conferences (put together in Table 2 - D9.3), a shortlist will be selected for submitting project results in scientific papers. Plus, in a list of scientific journals (put together in (Table 3 - D9.3), we will select additional avenues for project results publications.



5.7

H2020 – GV04 – 2017 – Grant Agreement 770143 – Project REFREEDRIVE ReFreeDrive D9.4 Diss Plan v4.docx



### **Newsletters and Press Releases**

On 27<sup>th</sup> November 2017, Cidaut released a first announcement on the start of the ReFreeDrive project in their newsletter (see: <u>http://www.cidaut.es/newsletter/refreedrive-developing-new-electric-motor-technologies</u>). Cidaut envisions to publish approximately twice a year more general news related to the ReFreeDrive project in their newsletter sent to about 1.000 subscribers.

Some partners can include the project developments in their own press release in agreement with the internal communication office (JLR, others).

The ReFreeDrive website includes the possibility to register for newsletter, Newsletter will be released in agreement with the plan in chapter 7.5.

# 5.8 Webinars

Through ECI's platform Leonardo Energy, ECI can manage the complete webinar cycle: invitation, registrations, reminders, real-time web-session, recording and hosting of materials (presentation and recording file). The webinar platform is open for all consortium partners to present relevant and public content of the ReFreeDrive project results. (see <u>http://www.leonardo-energy.org/post/1262</u>)

### 5.9 Social Media

In order to promote the visibility of the ReFreeDrive project and its milestones and results the use of social networks is considered as a useful support.

The consortium decided to use LinkedIn as relevant social networks to approach key stakeholder groups.

The ReFreeDrive partners along with the partners of the projects ModulED and DRIVEMODE agreed to proceed for a common LinkedIn company page clustering all the active GV04 projects.

The project coordinators and communication and dissemination leaders of all three GV04 projects together developed a common logo for the cluster of projects and respective website, seen in Figure 3.

Page 19 of 47

This reflects only the author's views. The Community is not liable for any use that may be made of the information contained therein.





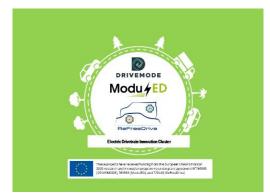


Figure 3: screenshot of the Electric Drivetrain Innovation Cluster website

ReFreeDrive acquired the domain for this cluster website, see:

www.electricdrivetraininnovationcluster.eu

and created a common Email account under: <u>info@electricDrivetrainInnovation.eu</u>, <u>linked to all</u> project coordinators and communication and dissemination leaders of the three GV04 projects as recipients.

Effective in August 2018, ReFreeDrive created a common LinkedIn company page to be used as platform for communication and dissemination activities of the cluster project.

See: <u>https://www.linkedin.com/company/electric-drivetrain-innovation-cluster/</u>

Every project takes the lead for 3 months, the other two may also publish at their interest, though the leader will try to fulfill a minimum number of updates (1 to 3/month). The leader will be in charge of the monthly reporting. ReFreeDrive's communication leader ECI started the first period of leadership, will be followed by DRIVEMODE and then ModulED.

The anticipated content should cover:

- News related to our research but not owned by the projects
- Events partners attend to
- Publication of relevant content at the websites (public delis, papers, ppts...)
- Comments on posts made by INEA or the other LinkedIn EU sites (add list)
- Pictures (of prototypes or tests or simulations...)
- Videos
- Others to be defined in coordination calls with all three projects in the cluster

<sup>©</sup>REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.

This reflects only the author's views. The Community is not liable for any use that may be made of the information contained therein.





In addition, consortium partners of all three projects will use their existing LinkedIn profiles to promote and share the project activities.

The more intensive use of social media channels is starting in September 2018 when the preliminary results are consolidated enough to be disclosed.

The tracking of LinkedIn indicators (see analytics in the appendix) will allow to monitor the success of the posts as well as identify our audiences, to reconsider strategies accordingly.

# 5.10 Lectures and seminars

University of L'Aquila will include the findings and results achieved in the project in the lectures of the courses:

- Design of Electrical Machines;
- Electrical Automation;
- Power Industrial Electronics;
- Electrical Drives;
- Electrical Systems for Mobility.

The purpose is to create awareness on the students of the Master Degree in Engineering (future engineers in the field) about the results of the projects and methodologies adopted to achieve them.

The findings and results of the project will be also included in further seminars in the fields organized for students, researchers and stakeholders in the fields.

# 6 Methods for tracking and evaluating of the dissemination

In order to track the effectiveness and reach-out of our different communication activities, we will establish some tracking and monitoring over the course of the project.

### 6.1 Website visits tracking

We will use the embedded *Google Analytics* tool on our ReFreeDrive website to track and report the website traffic (number of visitors, their geography, the length of stay, etc). Report will be done each quarter.

# 6.2 Citations of Papers

The UAQ team will be in charge to monitor the reach-out of our scientific papers. There are several options at present under consideration to track citations and to compute bibliometrics indicators to rank scientific papers and authors:

Page 21 of 47

<sup>©</sup>REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





- Google Scholar is automatic and free of charge and searches any type of document online
- **Scopus** and **Web of Science** are more restricted to papers and journals and are paid services where UAQ has an active subscription

The output of these services are bibliometric data, i.e. number of citations of a specific paper in other papers, thesis, articles, etc and the h-index of the author. We will hence use these citations of the ReFreeDrive papers to get an indication on their impact.

# 6.3 LinkedIn ReFreeDrive posts statistics.

The monitoring of the statistics of the post published in LinkedIn is considered a good feedback to evaluate the dissemination actions

# 7 Plan of the activities and results

The general plan for dissemination over the three years of the project can be outlined as follows:

*First period* (up to March 2019): the main dissemination activities are focused on the scientific dissemination of the preliminary results and on create awareness on stakeholders about the objective of the project and expected results.

**Second period** (up to December 2019): the prototyping stage is ongoing and dissemination of the results can continue with the technical and scientific contents, first results about final designs and preliminary prototypes can be discussed with potential industrial customers. Shared actions among other GV04 projects can be planned.

*Third Period* (up to the end of the project): the prototypes are ready and the dissemination campaign can be focused on stakeholders meetings.

The following chapters report the activities planned and the results obtained. The dissemination actions accomplished in the first year of the project are effective and results are relevant.

Each sub-chapter reports the impact of each dissemination method actuated. The chapters are organized in three parts:

- Actions accomplished
- Results
- Modification of the plan and future actions

# 7.1 Website Updates

The website is online and structure is complete, the news section is updated with about three news per month starting from April 2018. News to be posted are suggested by the partners and approved by CID in the monthly Project Progress Meetings (see appendix).

Page 22 of 47

<sup>©</sup>REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.

This reflects only the author's views. The Community is not liable for any use that may be made of the information contained therein.





Published scientific papers will be uploaded in the download sections and related news will be released.

### 7.1.1 Results

The visits of the website are relevant, even if the project is in the start-up stage. The monitoring stared at M06 and reported several visits matching with specific communication and dissemination actions. Main successful actions are (in order of importance):

- MDL paper on the Website;
- Direct Email Marketing (DEM) released by Coiltech about the ReFreeDrive Workshop and related promotion on LinkedIn by the Coiltech organizers (see appendix 8.3.2)
- Leonardo Energy Newsletter (ECI)
- Cidaut Newsletter
- Events

The Table 4 reports the results related to the website visits by google analytics associated with the main dissemination actions carried out.

Reference Month	Users	New Users	Sessions	Page views	Main comm/diss events carried out
April 2018	82	70	93	264	
May 2018	125	117	176	527	Coiltech promotion of the World Magnetic Conferene including ReFreeDrive
June 2018	102	95	153	481	ECI Newsletter, participation to WMM, CWIEME, ITEC, Others
July 2018	241	225	282	774	MDL paper uploaded in the down load section and related promotion

#### Table 4: ReFreeDrive Website analytics April18 –July18.

Actions related to the months August and September will be reported in the next report.

### 7.1.2 Next steps and actions

Considering the results, the following actions are planned for the future:

- Three news per month on the website are maintained
- All the papers will be available on the website for download
- LinkedIn page will be used to enhance the website visibility

### 7.2 Conferences and other events

Among the list of the recognized events presented in Table 1 – D9.3, the participation plan outlined for 2018 is reported in Table 5. The same table reports also who attended the events and comments

Page 23 of 47

<sup>©</sup>REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.



#### Table 5: Conferences and other events planned for first year.

name	website	location	date(s)	focus	Partner(s) Involved	comments
Advanced E- Motors	<u>e-motor-</u> <u>conference.i</u> <u>qpc.de</u>	Berlin, DE	13-15 Feb 2018	E-motor design , new materials for cost efficient e-drive systems, enhance heat transfer, testing methods	UAQ	Commercial conference organized by IQPC, Prof Villani presented the project, good interest from the audience.
Safety & Electric Mobility Expo,	<u>www.semex</u> po.it	Rome, IT	13-15 Apr 2018	A meeting point for the public, market players, media, institutions, associations with the world of electrical mobility (the same days of the of the Rome formula E grand Prix)	UAQ	CANCELED and replaced with a stakeholders meeting. G. Fabri presented the project, leaflet to CEO volkswagen Italia.
PEMD	<u>https://event</u> <u>s.theiet.org/</u> pemd/	Liverpool, UK	17-19 April 2018	Power electronics, drives and machines	MDL	MDL has paper and expo booth
WMM	http://tu- freiberg.de/f akult5/imf/in stitut/verans taltungen/w mm-2018	Dresden, DE	12-14 Jun 2018	International Conference on Magnetism and Metallurgy	UAQ, CSM	Project introduced to the audience, Electrical Steel manufacturers interested
Speedam	<u>http://www.</u> <u>speedam.org</u> /	Amalfi Coast (IT)	20-22 June 2018	International Symposium on Power Electronics, Electrical Drives, Automation and Motion	UAQ, IFPEN	Paper presented.
ITEC	<u>https://itec-</u> conf.com/	Long Beach, USA	13-15 June 2018	Components, systems, power electronics for transportation	MDL	MDL had tutorial and expo booth, project introduced to the audience.
CWIEME	<u>www.coilwin</u>	Berlin, DE	19-21 Jun	Winding systems & supplies, motor	MDL, UAQ,	MDL will have tutorial and





H2020 – GV04 – 2017 – Grant Agreement 770143 – Project REFREEDRIVE

	ReFreeDrive_D9.4_Diss_Plan_v4.docx							
	<u>dingexpo.co</u> <u>m</u>		2018	components & accessories	IFPEN, CSM	expo booth, project introduced to the audience. UAQ introduced the project to many suppliers of Magnets and other materials		
ICEM	<u>www.icem.cc</u> /2018/	Alexandroup oli, GR	3-6 Sep 2018	International conference on Electrical Machines	UAQ, MDL	UAQ and MDL presented a Paper.		
Coiltech WMC	<u>www.quickfa</u> irs.net	Pordenone, IT	24 -25 Sep 2018	Includes topics on E-Mobility Drivetrain and Systems	UAQ, ALL	Workshop on RARE EARTH FREE E-DRIVES FOR ELECTRIC VEHICLES has been organized. All partners contributed.		
ECCE	<u>http://www.i</u> <u>eee-</u> <u>ecce.org/201</u> <u>8/</u>	Portland, USA	23-27 Sept 2018	Industry and academics event on energy conversion systems	MDL	MDL submitted papers		

#### Page 25 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.



### 7.2.1 Results

Ten national and international events have been attended in the first year of the project. In these events, the project has been introduced to the stakeholders and interest about the project developments has been registered.

### 7.2.2 Next steps and actions

The participation to conferences and events will be confirmed in the Second year of the project as an effective way to disseminate the project results by mean of papers and presentations.

About the second year of the project the plan is reported in Table 6, as many events are still to be defined (tbd) updates will be released during the Project's Progress meetings (PPMs):



#### Table 6: Confereces and events planned for the second year.

name	website	location	date(s)	focus	Partner(s) Involved (TBC)
Motor Summit International	www.motorsummit.ch	Zurich, CH	14-15 Nov 2018	highly efficient motor systems, international standards and min national requirements	UAQ, ECI
Advanced E- Motors	e-motor-conference.iqpc.de	Berlin, DE	February 2019	E-motor design , new materials for cost efficient e-drive systems, enhance heat transfer, testing methods	UAQ
EEVC	www.eevc.eu	TBS	TBD	Different topics, the	CID, ECI
Transport Research Arena	www.traconference.eu	Vienna, AT	TBD	European Research and Technology Conference on Transport and Mobility	CID, ECI
EV Tech Expo Europe	www.evtechexpo.eu	Stuttgart, DE	7-9 May 2019	Electric & Hybrid Vehicle Technology	ECI
IEMDC	www.ieee-pels.org/conferences	San Diego, USA	11-15 May 2019	IEEE International Electric Machines & Drives Conference	UAQ
CWIEME	www.coilwindingexpo.com	Berlin, DE	21 - 23 May 2019	Winding systems & supplies, motor components & accessories	MDL, UAQ, IFPEN, CSM
ITEC	https://itec-conf.com/	Detroit, Michigan, USA	19-21 June 2019	Components, systems, power electronics for transportation	MDL, UAQ
EEMODS	TBD	Japan	September 2019	Energy Efficiency in Motor Driven Systems	UAQ, ECI
Coiltech WMC	www.quickfairs.net	Pordenone, IT	24 -25 Sep 2018	Includes topics on E-Mobility Drivetrain and Systems	UAQ, ALL
ECCE	http://www.ieee-ecce.org/2018/	Portland, USA	Sept 2019	Industry and academics event	MDL



H2020 – GV04 – 2017 – Grant Agreement 770143 – Project REFREEDRIVE



ReFreeDrive\_D9.4\_Diss\_Plan\_v4.docx

		-			
				on energy conversion systens	
Aachener Kolloquim	www.aachener-kolloquium.de	Aachen, DE	8-10 Oct 2019	Automobile and Engine Technology in Europe, Test track to drive prototypes	ECI, CID
Motor Summit International	www.motorsummit.ch	Zurich, CH	Nov 2019	highly efficient motor systems, international standards and min national requirements	UAQ, ECI
SPS IPC Drives	www.mesago.de/de/SPS/	Nürnberg, DE	tbd	exhibition for electric automation technology	ECI
EGVIA - ERTRAC #H2020RTR	egvi.eu/calendar	Brussels	tbd	results of selected H2020 funded projects on road transport related areas (Green Vehicles, Road, Mobility for Growth: Urban Mobility, Logistics, Intelligent Transport Systems	CID, ECI
EVS30	http://www.messe- stuttgart.de/en/evs30/	Stuttgart ?	tbd	Electric Vehicle symposium, Battery, Charging, E- Powertrain, Market demand	CID, ECI
Mondial	www.mondial-paris.com	Paris, FR	tbd		CID, JLR
IAA	www.iaa.de	Frankfurt, DE	Sep 2019		CID, JLR

#### Page 28 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.



Dissemination Level: PU Grant Agreement - 770143

# 7.3 Scientific papers

Among the preliminary list of conferences suitable for publication (Table 2 – D9.3), during the first year of the project, we submitted respective papers to the following three events shown in Table 7.

event	website	location	Submission deadline	focus
WMM 2018	<u>http://tu-</u> <u>freiberg.de/fakult5/imf/institut/vera</u> <u>nstaltungen/wmm-2018</u>	Dresden, DE	12-14 Jun 2018	International Conference on Magnetism and Metallurgy
Speeda m 2018	http://www.speedam.org/	Amalfi, IT	4 Dec 2017	International Symposium on Power Electronics, Electrical Drives
ICEM 2018	www.icem.cc/2018/	Alexandroupol i, GR	4 Feb 2018	International Conference on Electrical Machines

### 7.3.1 Results

The work of the partners has been finalized with the publication of the following papers:

**Three** scientific papers have been published in the first year of project. The papers report preliminary analyses and results carried out in the early stage of the project. The papers are:

- M. Villani, "High Performance Electrical Motors for Automotive Applications Status and Future of Motors with Low Cost Permanent Magnets" International conference on Magnetism and Metallurgy, June 2018.
- M. Tursini, M. Villani, G. Fabri, A. Credo, F. Parasiliti, A. Abdenour, "Synchronous Reluctance Motor: Design Optimization and Validation" *International Symposium on Power Electronics Electrical Drives, Automation and Motion (Speedam)*, June 2018.
- M. Villani, M. Tursini, M. Popescu, G. Fabri, A. Credo, L. Di Leonardo "Experimental Comparison between Induction and Synchronous Reluctance Motor-Drives" *International Conference on Electrical Machines*, September 2018.

The partner contributing in these works is UAQ. More work is ongoing to present works in the following period.

No bibliometric data are available at this time.





### 7.3.2 Next steps and actions

Mentioned papers are going to be uploaded in the website to leverage the dissemination. The partners will keep working in the publication on papers in technical conferences and will work in publication to journal.

The plan is to submit within the project at least four papers during the project duration in the journals selected in Table 3 – D9.3. Usually revision steps are severe so publication is not sure. The activities on papers for journal will start in October 2018.

### 7.4 Other meetings

#### 7.4.1 ECI European Motor Workshop 2018

The meeting was held in Rome, 13 March 2018, organized by European Copper Institute and grouped more than 30 stakeholders in the field of electric motors to discus about the future of electric motors in Europe. The participation list is reported in appendix 8.4

### 7.4.2 ReFreeDrive Workshop @ Coiltech World Magnetic Conference

A dedicated workshop of the world magnetic conference has been organized inside the International technical conference "World Magnetic Conference". The Conference is hosted by the International trade show on coil-winding industry "Coiltech", 26-27 September 2018, Pordenone, Italy. The exhibition is a reference for professionals in the fields of electrical machines designer and manufacturers. More than 3000 visitor are expected in the 2018 edition. Figure 42 shows the trend of visitors in the past editions and the Figure 42: Amount and type of Coiltech visitors.type of visitors.

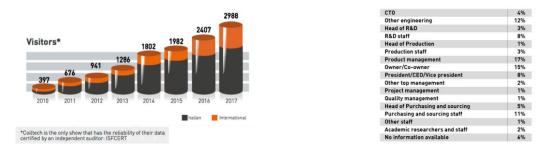


Figure 4: Amount and type of Coiltech visitors.

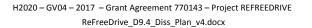
UAQ cooperates in the organization of the "World Magnetic Conference", International Conference in the field of the coilwinding industry voluntary based and free of charge.

The ReFreeDrive Workshop will take place on Wednesday 26<sup>th</sup> of September morning and the agenda in Table 8 has been outlined (www.visitcoiltech.com).

Page 30 of 47

<sup>©</sup>REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.







10:30 - Room (	C9						
	REE E-DRIVES FOR ELECTRIC VEHICLES: levelopment of rare earth-free traction technologies with	a focus on industrial feasibility for mass production					
Chairman:	B. Araujo	Fundación Cidaut					
10:30	Fundación Cidaut	B. Araujo					
	ReFreeDrive Project Presentation	ReFreeDrive Project Presentation					
10:45	European Copper Institute	F. Nuño					
	Copper use in E-Mobility						
11:10	University of L'Aquila	M. Villani					
	Synchronous Reluctance Motor for Traction App	lications					
11:35	IFP Energies Nouvelles	B. Gaussens					
	Rare Earth Free PM Assisted Synchronous Relu	uctance Motor for Electric Vehicles					
12:00	Motor Design	N. Riviere					
	Adoption of the Induction Motor With Copper Ro	Adoption of the Induction Motor With Copper Rotor for E-Mobility					
12:25	Centro Sviluppo Materiali	S. Cicalè, S. Notargiacomo					
	Evaluating Electrical Steels for Electric Vehicles						

#### 7.4.3 Results

The ECI European Motor Workshop 2018 collected more than 30 stakeholders in the field of electric motor designer, manufacturers and policymakers. The ReFreedrive Project and the importance in R&D actions in RE Free electrical drives were central topics in the meeting and attracted the attention of the attendees outside the project.

#### 7.4.4 Next steps and actions

The success of the ECI Workshop and the feedbacks from the promotion of the ReFreeDrive Workshop encourage repeating the initiatives also in the 2019. Other GV04 Projects will be encouraged to contribute to the events. Additional events will be evaluated, in particular the ones suitable for mutual GV04 Communication and Dissemination activities

### 7.5 Newsletter

The following main newsletters have been planned:

- ReFreeDrive Newsletter is going to be released about each quarter starting from October 2018.

Page 31 of 47



<sup>©</sup>REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





- Cidaut newsletter will include ReFreedrive Projects Development twice a year
- ECI "Leonardo Energy" newsletter will be used for specific events related to ReFreeDrive
- Communications about the participation of ReFreeDrive in specific events will be included in the DEM of the event.

#### 7.5.1 Results

The newsletter released by the partners (Cidaut, ECI) and by the Coiltech Events' organizers (QuickFairs) showed notable success. Data about ECI newletter is reported in Appendix 8.3 along with the newsletter examples. Data about Quickfairs promotion of the ReFreeDrive Workshop and the World Magnetic Conference will be collected after the exhibition and included in the next Dissemination Plan update D9.5.

#### 7.5.2 Next steps and actions

Considering the results, the activities planned in the 2018 about newsletter are confirmed for the next year. We'll continue to cooperates with events' organizers to promote the presence of ReFreeDrive dissemination activities in the event (and hence project results).

### 7.6 Social Media

The social media strategy is mainly based on a joint LinkedIn company page activated in August 2018 by ReFreeDrive, the "Electric Drivetrain-Innovation-Cluster" page,

The administration of the page is allocated to project coordinators or communication leaders rotating every three months, with ReFreeDrive partner ECI starting as leader.

In order to guarantee flow of content and posts at least once to three times per month as agreed upon, all project coordinators and communication and dissemination leaders of the three projects of the cluster are setting-up a list of possible topics to be posted and prioritize the sequence and timing of posting.

### 7.6.1 Results

After the first month running, our common LinkedIn cluster page achieved 261 visits, 51 followers and 12 shares of posts.

The single post with the most impressions (over 1,200) was related to announce ReFreeDrive participation at Coiltech 2018/ World Magnetic Conference.

For the detailed LinkedIn analytics see appendix.

This reflects only the author's views. The Community is not liable for any use that may be made of the information contained therein.

#### Page 32 of 47





# 7.7 Barriers and Risks

Relating the first year of the project the barriers and risks recognized in chapter 3.4 do not affected the dissemination. No correction plan needed. No new risks or barriers recognized

#### Page 33 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.



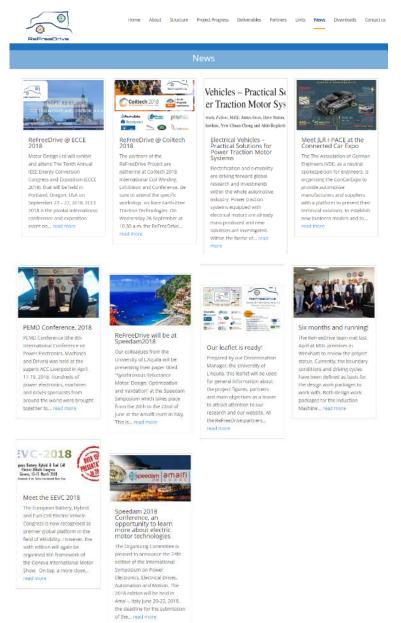
\*\*\*\* \* \* \*

H2020 – GV04 – 2017 – Grant Agreement 770143 – Project REFREEDRIVE ReFreeDrive\_D9.4\_Diss\_Plan\_v4.docx

# 8 Appendix

8.1 Website

### 8.1.1 News Section



#### Page 34 of 47

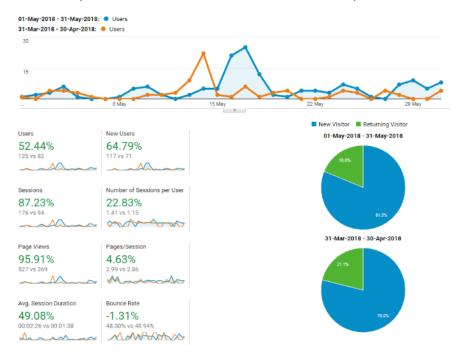
©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





#### 8.1.2 Statistics of the website

An example of the monthly statistics available from the website is reported.



Page 35 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.



\*\*\*\*

H2020 – GV04 – 2017 – Grant Agreement 770143 – Project REFREEDRIVE ReFreeDrive\_D9.4\_Diss\_Plan\_v4.docx

**8.2** 

### Leaflet and poster: first Release



#### Page 36 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.

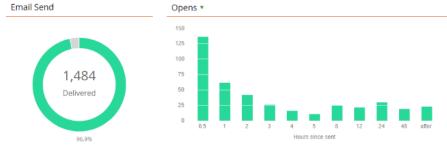




### 8.3 Newsletters

### 8.3.1 Join us at Coiltech





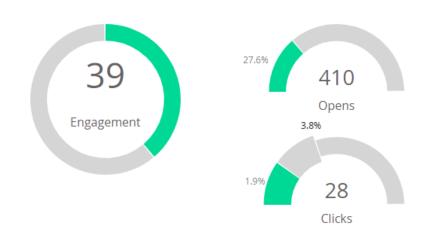
#### Page 37 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





Summary



Page 38 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.









#### Page 39 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.



\*\*\*\* \*\*\*\*

H2020 – GV04 – 2017 – Grant Agreement 770143 – Project REFREEDRIVE ReFreeDrive\_D9.4\_Diss\_Plan\_v4.docx

8.4

Other Events – ECI workshop

### Participation lists

Sigrid Jacobs	ArcelorMittal
Paolo Datore Giansante	Tecnomatic SpA
Sebastian Kuester	QUICKFairs
Stefano Fortunati	Rina Consulting_Centro Sviluppo Materiali
Marco Villani	University of L'Aquila
Marco Apuzzo	HSD
Lorenzo Ercolani	simel spa
Antonio Scozzafava	Motovario S.p.A.
Luca Castellini	UmbraGroup
Fernando Nuño	European Copper Institute
Anibal de Almeida	ISR-University of Coimbra
Jean Le Besnerais	EOMYS ENGINEERING
Mircea Popescu	Motor Design Ltd., UK
Maarten van Werkhoven	TPA energy advisors
Louise VIGNAU	Pôle MEDEE
Mauro Castello	Elica
Leonardo Vitaletti	elica spa - bu motors
Giuseppe Fabri	University of L'Aquila
Jean-Philippe Lecointe	LSEE (Environment and Electrical Systems Research Laboratory)
Nicolas Rivière	Motor Design Limited (MDL)
Andrea Forlani	Biesse SpA
Davide Rossi	Tecnomatic
Rob Serree	Sitech Services
Jos Habets	Sitech Services
Mallard Vincent	Favi SA
Andrea Teso	Lafert SpA
Enzo Chiricozzi	Università dell'Aquila
Stefano Cicalé	CSM-RINA Consulting
Marco Cappelletto	Lafert Servo Motors S.p.A.

#### Page 40 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





Bruno De Wachter	European Copper Institute
Peter Szilagyi	Breuckmann GmbH & Co. KG
Paolo Galli	HSD S.p.A.
Francesco Parasiliti	University of L'Aquila
François Dovergne	FAVI S.A.
Luciano Albini	RC-CSM

Page 41 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





### 8.5 Social Media

### 8.5.1 Common domain clustering all the active GV04 projects



Page 42 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





# 8.5.2 Common linkedIn page clustering all GV04 active projects

In		Lau 🗠 🗔 Home My Network Jobs	'ഥ니 슈크 (영 Messaging Notifications Me*	S COMPANY OCCUPANTIALS	
1		Drivetrain Inno			
	Interfications         5 likes         6 shares           ElectricDrivetrainInr	constitute Chapters	See all	6	
		eering • Boecillo, Castilla y León • 60 followers			
A	bout us	Recent update	See all		
E to et th th R av av	he Bestic Diversition Innovation Cluster is a cluster of uppen H0200 project that vere available with hord pape GNUA 2018 "Next generation of electic divertismin profective Whole. Knowing on high efficiency and hore co- rere European projects are DBVENDDE ModuED as directive init dissemination of the project's results a swareness creation on our common goals: now more about these projects au our website!	fing in the s for fully         Following a short introduction of three projects and the links to th respective websites: 1) DRIVEMO Integrated Modular Distributed D for Electric/Hybri	tir DE		
	S	See more 🗸			
	et exclusive insights on 450,000+ pul See company growth A Check out no leadership ch	table Reactive	ate for Free		
Rece	ent updates				
1 Fail	tructorizertaintnovation     11 updates - 60 followers     Following      Following      Following      Silves - 1 Comment     Succession	troduction of each of the three projects and the link	s to their see more		
Bec	Child Like Com	vetrainInnovationCluster			

#### Page 43 of 47

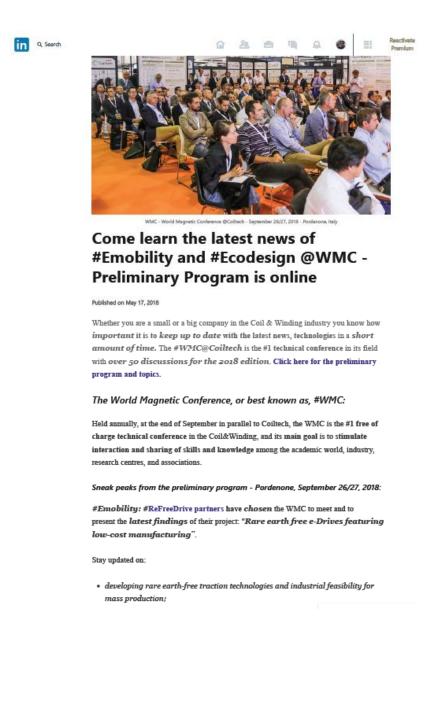
©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





#### 8.5.3 ReFreeDrive Workshop @Coiltech - World Magnetic Conference

Example of the LinkedIn Visitors campaign carried out by Coiltech staff including ReFreeDrive Workshop



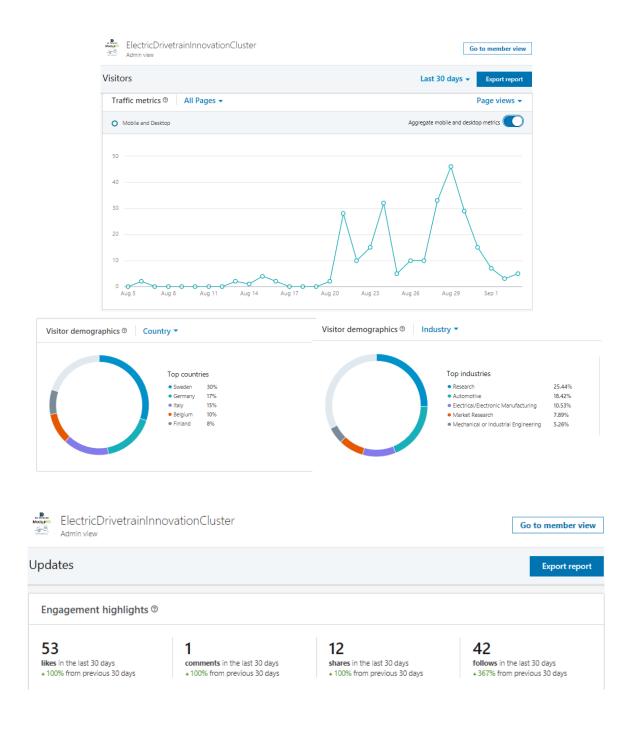
#### Page 44 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





# 8.5.4 LinkedIn analytics after one month running of cluster page:



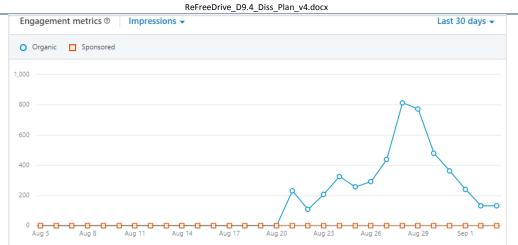
#### Page 45 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





H2020 – GV04 – 2017 – Grant Agreement 770143 – Project REFREEDRIVE



Update name	Date	Impressions	Clicks	Video views	CTR	Social Actions	Engagement
Following a short introduction of each of the three projects All followers	21.8.2018	541	9	-	1.66%	4	2.4%
ReFreeDrive @ ICEM 2018 Two partners of the ReFreeDrive Project All followers	30.8.2018	121	2	-	1.65%	2	3.31%
Join us at Coiltech 2018 / World Magnetic Conference All followers	28.8.2018	1,233	28	-	2.27%	10	3.08%
Position papers from EARPA and from ECTRI on the future European Union programme All followers	28.8.2018	142	2	-	1.41%	1	2.11%
ReFree Drive Project Nine months and running! All followers	28.8.2018	141	11	-	7.8%	2	9.22%
ReFreeDrive Project	28.8.2018	122	5	-	4.1%	3	6.56%

#### Page 46 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.





			INC_03.4_013.				
Structure (I)							
All followers							
ReFreeDrive							
Project							
Structure (II)	28.8.2018	166	8	-	4.82%	3	6.63%
All followers							
ModulED							
Electrification							
of passenger							
cars and light-	28.8.2018	415	12	-	2.89%	7	4.58%
duty vehicles							
All followers ReFreeDrive							
The							
ReFreeDrive							
project is							
focused on							
contributing to							
avoid the use of	24.8.2018	335	8	-	2.39%	8	4.78%
rare earth							
magnets							
through							
All followers							
DRIVEMODE							
The							
DRIVEMODE							
concept stems							
from the idea of							
integrating	24.8.2018	365	20	-	5.48%	6	7.12%
technologies							
(used in							
electrical machines							
machines							
All followers							

Page 47 of 47

©REFREEDRIVE - This is the property of REFREEDRIVE Parties: shall not be distributed/reproduced without formal approval of REFREEDRIVE SC.