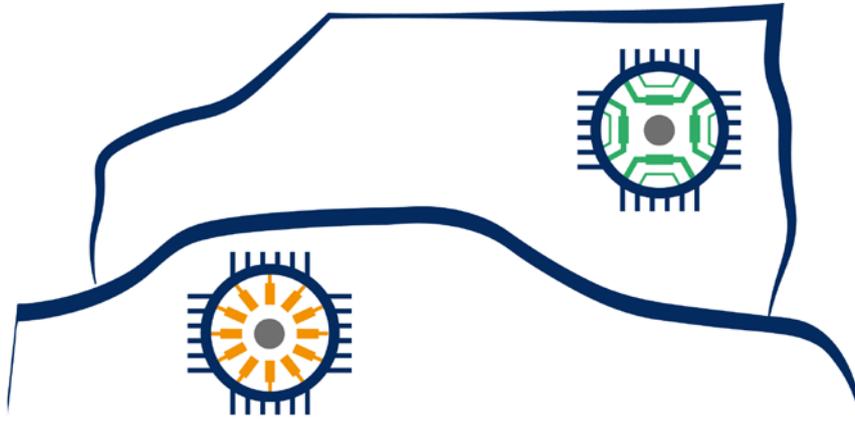




## Rare Earth Free e-Drives Featuring Low Cost Manufacturing



# ReFreeDrive

Collaborative Project  
Grant Agreement Number 770143

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

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**Deliverable no.:** D 9.2

**Title of the deliverable:** Open Data Management Plan

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## Abbreviations

API	Application Programming Interface
CERN	European Organization for Nuclear Research (Conseil Européen pour la Recherche Nucléaire)
DoA	Description of the Action
DOI	Digital Object Identifier
FAIR	Findable, Accesible, Interoperable and Reusable
HTTP	Hypertext Transfer Protocol
IPR	Intellectual Property Rights
IT-CDA-DR	IT Department, Collaboration Devices and Applications Group, Digital Repositories Section
JSON	JavaScript Object Notation
KPI	Key Performance Indicator
LCA	Life Cycle Analysis
LHC	Large Hadron Collider
NVH	Noise, Vibration, Harshness
OAI-PMH	Open Archive Initiative-Protocol for Metadata Harvesting
ODMP	Open Data Management Plan
OpenAIRE	Open Access Infrastructure for Research in Europe
REST	Representational state transfer
URL	Uniform Resource Locator
WP	Work Package

## Executive Summary

This document, D9.2 Open Data Management Plan (ODMP) main objective is to collect, analyse and share open motor design, characterization and testing data and experience to validate and de-risk future industrial innovations. This objective has been addressed in this document and there have been no deviations in content or time from the deliverable objectives set out in the ReFreeDrive Grant Agreement. The data gathering and management will be a continuous action throughout the duration of the project.

The Consortium strongly believes in the concepts of open science, and in the benefits that the European innovation ecosystem and economy can draw from allowing the reuse of data at a larger scale. Besides, the share and reuse of research data to the electric machine design research community will eliminate barriers and enforce an innovation culture.

The purpose of the ODMP is to provide an analysis of the main elements of the data management policy that will be used by the Consortium with regard to the project open research data.

The ODMP covers the complete research data life cycle. It describes the types of research data that will be generated or collected during the project, how the research data will be preserved and what parts of the datasets will be shared for verification or reuse.

Research data linked to exploitable results will not be put into the open domain if they compromise its commercialisation prospects or have inadequate protection, which is a H2020 obligation. The rest of research data will be deposited in an open access repository.

The ODMP is not a fixed document; on the contrary it will evolve during the lifespan of the project. This first version of the ODMP includes an overview of the datasets to be produced by the project, and the specific conditions that are attached to them. The next versions of the ODMP will get into more detail and describe the practical data management procedures implemented by the ReFreeDrive project.

The expected types of research data that will be collected or generated along the project will be discussed following the project work package structure.