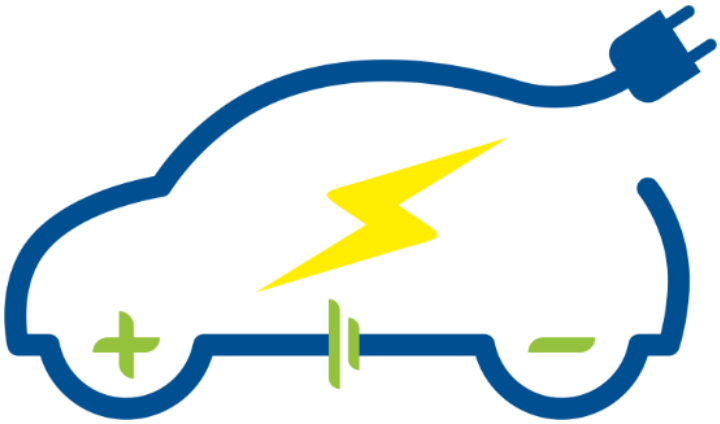

E – DRIVETOUR

Beyond the Border of Electric Vehicles: an Advanced Interactive Course

D4.1 Demonstrator Setup

Version number: 1.0
Dissemination Level: CO
Lead Partner: IHU
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Revision and history chart:

VERSION	DATE	EDITORS	COMMENT
V 0.1	31/10/21	IHU	1st version
V 0.2	30/12/21	IHU, UTHR	2nd version
V 1.0	31/01/22	UTHR	Final version of deliverable
V1.1	30/06/22	IHU	Revised deliverable

Disclaimer:

Table of content

1 Executive Summary

This document presents the EDRIVETOUR demonstrators that partners from IHU and UTHR prepared for use during the mobility periods and describes the guidelines provided to the students for installing them.

Two intermediate projects (TS1.12 and TS2.12) were developed for the students to enhance their understanding on EVs & gain hands-on experience in order to integrate seamlessly during their practical experience in industry.

The purpose of the projects was to integrate AR technology with the curriculum and provide a research insight to the students. They were characterized by large experiments that would lead to the development of a scaled automotive control system based on appropriate software and AR technology. At the same time, they enforced the students to practice their gained knowledge.

2 Introduction

2.1 Purpose of the document

The goal of this document is to summarise the key information regarding the EDRIVETOUR demonstrators and provide the installation guidelines students received during the mobility periods [1], [2]. The Demonstrator projects are large scale projects to be performed in the frame of the course TS1.12 and TS2.12 by student groups. Through these practical projects the understanding of the courses by the students will be made clear.

2.2 Scope of the document

This document describes the guidelines provided to the students for installing the EDRIVETOUR demonstrators. The target audiences of this report are: (i) all project partners responsible for preparing and amending deliverables and (ii) internal reviewers responsible for revising completed deliverables.

2.3 Structure of the document

The document includes the following contents:

- In Chapter 2, the introductory section is provided, highlighting the deliverable's scope and objective.
- Chapter 3 comprises an overview of the EDRIVETOUR mobility periods, where the project demonstrators were deployed and used.
- Chapter 4 presents the guidelines provided to the students for setting up the demonstrators.
- Finally, a summary and the main conclusions of the work is reported in the last chapter of the deliverable.

3 Conclusions

This deliverable presents the two EDRIVETOUR demonstrators that partners from IHU and UTHR prepared for use during the mobility periods and describes the guidelines provided to the students for installing them.

Two intermediate projects (TS1.12 and TS2.12) were developed for the students to enhance their understanding on EVs & gain hands-on experience in order to integrate seamlessly during their practical experience in industry.

The purpose of the projects was to integrate AR technology with the curriculum and provide a research insight to the students. They were characterized by large experiments that would lead to the development of a scaled automotive control system based on appropriate software and AR technology. At the same time, they enforced the students to practice their gained knowledge.