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<th>HIFI-ELEMENTS D9.1</th>
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<td>Website report</td>
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<tr>
<td><strong>Deliverable Date</strong></td>
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| **Written By** | Christian Granrath, RWTH  
Sean Statler, RWTH |
| **Checked by** | Jakob Andert, RWTH (WP9 leader)  
Jens Ewald, FEV |
| **Approved by** | Steering Committee (SC06) |
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Project partners
1 – FEV – FEV Europe GmbH – DE
2 – RWTH – Rheinisch-Westfälische Technische Hochschule Aachen – DE
3 – RIC – Ricardo UK Limited – UK
4 – TEC – Fundacion TECNALIA Research & Innovation – ES
5 – CID – Fundacion CIDETEC – ES
6 – IVE – IVEco S.p.A. – IT
7 – DEN – Denso Automotive Deutschland GmbH – DE
8 – TOF – TOFAS Turk Otomobil Fabrikasi A. S. – TR
9 – IDI – IDIADA Automotive Technology SA – ES
10 – TNO – Nederlandse Organisatie voor Toegepast-natuurwetenschappelijk Onderzoek – NL
11 – MGEP – Mondragon Goi Eskola Politeknikoa J.M.A. S.Coop – ES
13 – VUB – Vrije Universiteit Brussel – BE
14 – MAG – MAGNA Engineering Center Steyr GmbH & Co. KG – AT
15 – YASA – YASA Motors Limited – UK
16 – FORD – Ford Werke GmbH – DE

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Document information

Additional author(s) and contributing partners

<table>
<thead>
<tr>
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<tr>
<td>Wefers, Jannik</td>
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Document Change Log

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Verification and approval

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<td>SC members</td>
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Executive summary

This deliverable describes the HIFI-ELEMENTS project website. A first version of the website has been published on December 1, 2017 to provide the public with basic information about the project. The development of a more sophisticated website including extended information has started simultaneously. A suitable platform to distribute information about HIFI-ELEMENTS featuring a unique project identity was created and is ready to be extended once there are further results available. It can be accessed via the internet at www.hifi-elements.eu.

Deliverable review process

A first draft of each deliverable shall be ready 30 days prior to the delivery to the European Commission (a first reminder is sent 6 weeks prior). This first draft shall be reviewed by the WP leader and the Steering Committee. The author of the deliverable is responsible for tracking the review of his/her deliverable. Appropriate changes shall be made by himself/herself thereafter.

FEV (coordinator) will receive the reviewed deliverable at least 2 weeks before it is due at the European Commission for a final review. UNR will deliver the final deliverable to the Commission.
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1 Purpose of the Document

In this document the project website will be described in general, followed by an overview of all sections that can be accessed through the navigation bar and the footer.

1.1 Document Structure

Within this document dissemination activities regarding the HIFI-ELEMENTS website are described. It will outline the content of the homepage as a first point of interaction with the audience, as well as giving information on each section that can be accessed through the menu bar and footer.

1.2 Deviations from original Description in the Grant Agreement Annex 1 Part A

1.2.1 Description of work related to deliverable in GA Annex 1 – Part A

D9.1: Project website

A public website will be created for HIFI-ELEMENTS to establish contact between external parties and entities involved in conducting the project. The focus will be providing information and quick insight into project-related issues, along with a consistent design.

1.2.2 Time deviations from original planning in GA Annex 1 – Part A

There are no deviations with respect to timing of this deliverable.

1.2.3 Content deviations from original plan in GA Annex 1 – Part A

There are no deviations from the Annex 1 – Part A with respect to the content.
2 Introduction

This is the first deliverable of Work Package 9 (WP9). The primary objective of WP9 is to disseminate information about HIFI-ELEMENTS to the public. A high number of potential users is intended to be reached.

Task 9.1 aims at developing a collaborative online presence involving all HIFI-ELEMENTS partners. RWTH Aachen University (RWTH) is in charge of implementing and administering this website, content and usability are subject to approval of the consortium. Maintenance, updates and minor changes in design will be conducted continuously.

In addition, the website includes a dedicated logo and design in order to generate a project identity compliant to the design of project flyers and newsletters. Graphical concerns are essential as the website represents HIFI-ELEMENTS to the public.

2.1 Audience

The website has been created in order to reach a high number of readers such as professionals, the general public and potential participants or users of HIFI-ELEMENTS. It offers a quick and simple way of gathering information about ongoing and past project activities. The website has been designed to guide the audience to individually relevant content.

2.2 Accessibility

The website has been implemented successfully and can be accessed via the internet at www.hifi-elements.eu.

In order to increase its visibility, this URL has been registered with search engines such as Google, Bing and Yahoo. Search engine optimisation is continuously being performed to reach a notable ranking among other search results when entering project-relevant keywords. In addition to presence in common search engines, HIFI-ELEMENTS will be promoted by external resources referring to the project website such as RWTH Aachen and Researchgate. A project flyer including the project website’s URL is currently being developed.

2.3 Language

To achieve the objective of reaching a high number of readers, English has been chosen as the primary language used in dissemination activities regarding HIFI-ELEMENTS. Having reached this objective by using English for the benefit of international researchers, the website offers the functionality of implementing further languages in the future.

2.4 Optimisation

The project website automatically stores usage information in compliance with the German Federal Data Protection Act (BDSG) and the Data Protection Act of North Rhine-Westphalia (DSG NRW). This information can be used for statistical purposes allowing specific conclusions, e.g. regarding optimisation requirements or the relevance of content presented on the website.
3 Discussion and Conclusion

3.1 HIFI-ELEMENTS Website

3.1.1 Homepage

The homepage of HIFI-ELEMENTS serves as initial point of contact to all individuals interested in the project. It provides a short overview of the project’s purpose and the partners involved – supported by a logo slider. The menu’s structure is intentionally kept simple and provides access to four clusters of information regarding the project itself, partners, news & events, and results.

Professionals and the general public will be informed about future, ongoing and past project activities. The website will provide project-related documents and refer to further information hosted by project partners.

Figure 1: HIFI-ELEMENTS landing page
### 3.1.2 Design / Dynamism

The website complies with the overall project design, utilising the designated logo and colour schemes. The audience is coherently guided through the website, following various items presented in a dynamic drop-down menu on the top of the website.

![Image](image.png)

**Figure 2:** The dynamic menu is always visible on top

### 3.1.3 Project Information

The main section “Project” contains four subsections that become visible when hovering over the respective button. Information on the project’s “Motivation”, “Concept & Objectives”, a “Summary”, along with “Facts & Locations” can be accessed here.

![Image](image.png)

**Figure 3:** The submenu “Facts & Locations” features a map of all project partners
### 3.1.4 Partners / Consortium

Via the button “Partners” further information about the members of the consortium can be accessed. By hovering over the button a dropdown list is displayed, allowing direct access to a partner’s dedicated subpage. Dedicated partner pages feature a description provided by the respective partner and a brief summary containing the logo, location of their headquarters, type of business, a link to the partner’s website, and a map outlining the partner’s headquarters.

Clicking on the “Partners” button instead opens a website featuring a “logo cloud” of the consortium.

---

**FEV Europe GmbH**

The FEV Group with headquarters in Aachen, Germany, is an internationally recognized development service provider for drive and vehicle technologies. The company offers its global transport industry customers a complete range of engineering services, providing support in the design, analysis and prototyping for powertrain and transmission development, as well as vehicle integration, calibration and homologation for electrical vehicles and advanced internal combustion gasoline-, diesel-, and alternative-fuelled powertrains. FEV's competencies also include design, development and prototyping of innovative vehicle concepts, powertrain electronic control systems and hybrid-electric engine concepts that address future emission and fuel economy standards.

With competences in engineering support of series production projects, FEV develops hardware components ranging from sensors, actuators and controllers to complete electrical and hybrid drivetrains.

Within HIFI-ELEMENTS we are looking forward to coordinating the research activities of all partners in defining the requirements for the interfaces of the simulation models as well as future standards for simulation model exchange and interoperability. Furthermore, we plan to contribute one of our tools called Morphée simulation, also formerly known as Xmod, to the project. Morphée simulation allows to combine heterogeneous simulation tools for real time and non-real time within a X-in-the-Loop environment for electrified and non electrified powertrain. Now we will also couple the simulation tools that are used in HIFI-ELEMENTS with our partners to Morphée simulation.

---

*Figure 4: Partner pages include an "infobox" on the right side*
Figure 5: Hovering over the button "Partners" displays a dropdown of all partners involved

3.1.5 Dynamic Information

There are two sections that are subject to regular updates, defining their dynamic character:

- News & Events: News regarding the projects as well as upcoming events will be published here.
- Results: The publication of project results will take place on this part of the website.

Figure 6: Past and upcoming events will be published in the section "News & Events"
3.1.6  Generic & Legal Information

The footer contains generic information about the project itself and buttons referring to the pages “Contact”, “Legal notice” and “Terms & Conditions”. It is displayed at the bottom of every page.

Figure 7: The footer is visible on the bottom of every page

Figure 8: Legal information can be accessed from the footer
## 4 Risk Register

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<th>Proposed Risk Mitigation Measure</th>
<th>Probability / effect¹</th>
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<tr>
<td>9.1</td>
<td>Web server outage</td>
<td>The website is hosted with a provider specialised in content delivery. Redundancy, UPS utilisation and backups ensure an availability of 99.75 % according to their terms of service.</td>
<td>2 / 1</td>
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<tr>
<td>9.2</td>
<td>Website security breach</td>
<td>Provider is performing traffic analysis in order to block suspicious activity. Personnel involved in administering the website is utilising best practices regarding website security and is using reliable backup solutions.</td>
<td>3 / 2</td>
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<tr>
<td>9.3</td>
<td>Outdated content on website</td>
<td>Dissemination team is in permanent contact with the consortium to keep the website up-to-date.</td>
<td>2 / 3</td>
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¹ Level of probability / effect: 1 = high, 2 = medium, 3 = low
5 Quality Assurance

The Steering Committee is the body for quality assurance. The procedure for review and approval of deliverables is described in the deliverable report D8.1 – “Project Handbook”. The quality will be ensured by checks and approvals of WP Leaders as part of the steering committee (see front pages of all deliverables).
6 Acknowledgment

This project has received funding from the European Union’s Horizon 2020 research and innovation programme under Grant Agreement no. 769935.

Disclaimer
This document reflects the views of the author(s) and does not necessarily reflect the views or policy of the European Commission. Whilst efforts have been made to ensure the accuracy and completeness of this document, the HIFI-ELEMENTS consortium shall not be liable for any errors or omissions, however caused.
Appendix

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