



## FASTLANE – DELIVERABLE D7.1, Project Website

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Type<sup>1</sup>: DEC

Dissemination Level<sup>1</sup>: PU

Work Package: WP7

Lead Beneficiary: TERA

Contributing Beneficiaries: All beneficiaries

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<sup>1</sup> **Type:** R = Report, DEM = Demonstrator, DEC = Dissemination, O = Other  
**Dissemination level** PU = Public  
SEN = Sensitive, limited under the conditions of the Grant Agreement

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<b>Version</b>	<b>Date</b>	<b>Description</b>
0.1	22.07.2024	First version by Elisabeth Hofmeister
0.2	23.07.2024	Second version by Liubov Atkociuniene
1.0	24.07.2024	Final version by Elisabeth Hofmeister

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# 1 Introduction

## 1.1 Purpose and Scope of the Deliverable

The present report constitutes deliverable 7.1, “Project Website” within the Fastlane project framework. The frequently updated FastLane website will be used as the primary dissemination channel to the public. The website will present information about the project, including the structure and planned work of the project, key results, achievements, publications, and events for a public audience. Project news will also be announced through dedicated X<sup>2</sup> and LinkedIn<sup>3</sup> accounts serving as an outreach platform for the scientific community and to connect with other projects.

## 1.2 References

- 1 <https://fastlaneproject.eu/>
- 2 [https://x.com/fastlane\\_eu](https://x.com/fastlane_eu)
- 3 <https://www.linkedin.com/company/fast-lane-eu/about/>

## 2 Website

The Fastlane website has been created with specific objectives that respond to the communication and dissemination needs of the project. Among them, the most highlighted are the following:

- A recognizable visual identity.
- To keep the website engaging and up-to-date, regularly updated content such as news and events will be provided. This keeps the website fresh and helps improve its ranking on Google. Additionally, this content will be shared on social media to attract more visitors to the website and increase the project's visibility.
- FastLane's website serves as the project's primary communication and dissemination channel. To expand its reach, various digital marketing strategies have been implemented to attract traffic:
  - Search Engine Optimisation (SEO);
  - Social networks: We aim to increase traffic and visits to the FastLane website by distributing content through social channels, such as news about the project, industry events, and infographics.

### 2.1 Technical characteristics

Responsive Web Design makes Fastlane's website look good and readable on all devices (desktops, tablets, and phones), using HTML and CSS to resize, hide, shrink, enlarge, or move content to adapt the look to any screen.

A particular template was chosen, which ensures a user-friendly reading experience and maximum flexibility for future improvements and changes to the website's structure whenever significant updates are necessary.

The domain [fastlaneproject.eu](http://fastlaneproject.eu) was purchased in May 2024. To ensure dissemination after the end of the project the duration of the website will be at least one year longer after end of project. The website is available online since July 2024 at [www.fastlaneproject.eu](http://www.fastlaneproject.eu).

Statistical tools of the webhosting provider will be used to monitor the effectiveness of our communication and public engagement strategy. Information about the pages of interest, time spent on a webpage, clicks and nationality of website visitor will be gathered and processed anonymously.

### 2.2 Structure

The Fastlane's website is the primary online channel to present and disseminate all the results and events within the project. It is regularly updated to provide the latest news, relevant results, and highlights in coordination with the partners.

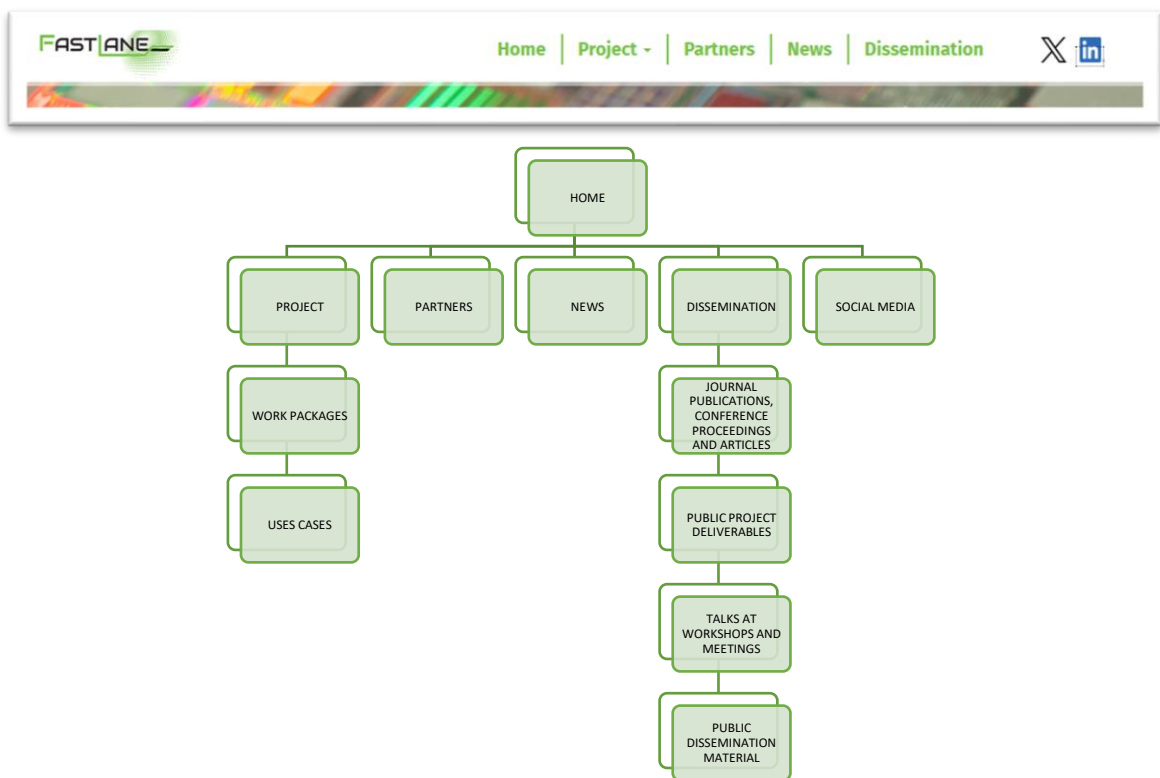
## WEBSITE

The website is designed to address the stakeholders most effectively and ensure the project's visibility to the EU and target audiences, consortium, stakeholders, and the public.

The structure and design of the website used during the lifetime of FastLane might be modified to be adapted to new needs and progress within the project.

The website is structured as shown in the following figure 2.a

The heading depicts the FastLane logo and the website is structured into the sections Home, Project (Work packages, Use Cases), Partners, News, Dissemination as well as links to the corresponding X and LinkedIn accounts.



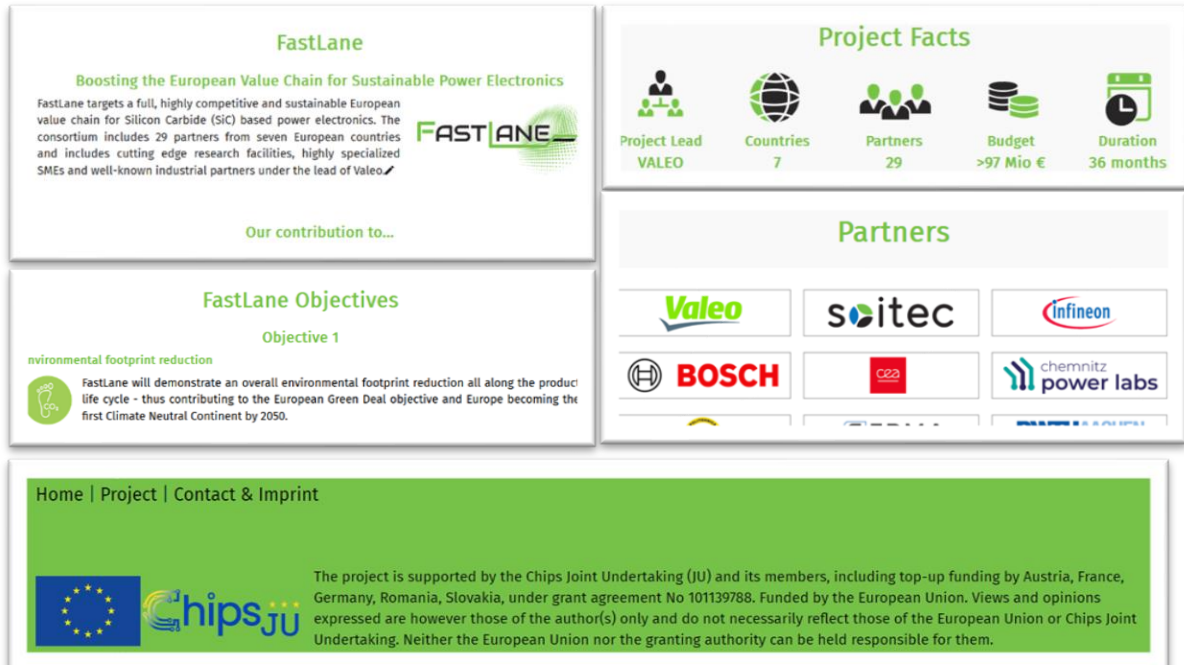
**Figure2.a: Website structure.**

### 2.2.1 Home

The website's colors, fonts, and logo follow the project's main objectives. Green is one of the dominant colors to reflect the initiative's strong European "green" imprint.

## WEBSITE

*Home* includes a public summary of the project separated into three subjects to highlight the main pillars of research, the main project facts, the five objectives, and a graph with



**Figure 2.b: Structure of *Home***

all partner logos.

Homepage and all inner sections also reference Contact & Imprint and provide Acknowledgement and Disclaimer

### 2.2.2 Project

The section *Project* is divided into an overview of each work package and a description of the use cases (use case domain 'Mobility' and 'Energy').

### 2.2.3 Partners

The background of each partner is described as well as their contribution to the project. Further roles (e.g., consortium leader, work package leader) are specified.

### 2.2.4 News

The *News* section includes an overview of events, interviews, outreach work.

In July 2024 it contains two posts (seen in Figure 2.c)

**Figure 2.c: News section as of July 2024.**


## News

Discover dissemination and further public activities related to FastLane.

### June 2024

#### Project Meeting

##### Kickoff Meeting in Paris



The Chips JU funded project FastLane had a successful kickoff meeting in June 2024 with a participation of about 60 project members as well as the project officer Simona Rucareanu. All members had a chance to connect and first technical workshops could be hold.

[more ...](#)

#### FastLane Video

##### See what our coordinator thinks

The FastLane coordinator Dirk Brauer (Valeo) gives an overview about the Chips JU funded project and how it will go in the fastlane in the video (LinkedIn).

[more ...](#)

### 2.2.5 Dissemination

Herein the outreach activity of the project or its partners can be found. It is separated in the following sections:

- Journal publications, conference proceedings, articles
- Public project deliverables
- Talks at workshops and meetings
- Public dissemination material. This section provides the opportunity to download the created FastLane posters, roll-up, noticeboard, and other materials to be created for dissemination purposes.

As of July 2024, it contains a flyer and a roll - up as public dissemination material.



Roll – up

## Boosting the European Value Chain for Sustainable Power Electronics

FASTLANE speeds up the adoption of SiC-based power electronics by rolling out a competitive technology excellence by an all European SiC-based power electronics value chain, starting from powder and boule to engineered SiC substrate, and allowing and requesting novel smart semiconductor devices, smart power modules, and power converters.

This Flagship of an all European SiC-based power electronics value chain will broaden the application domains.

**FASTLANE OBJECTIVE No. 1**

**Environmental footprint reduction**  
 FASTLANE will demonstrate an overall environmental footprint reduction all along the product life cycle – thus contributing to the European Green Deal objective and Europe becoming the first Climate Neutral Continent by 2050.

**FASTLANE OBJECTIVE No. 2**

**Sustainable European Sovereignty in Power Electronics**  
 FASTLANE will secure European sovereignty in SiC-based power electronics by establishing a strategic value chain, boosting the EU's market position, and diversifying components. The project aims to increase production, reduce costs, and improve characterization processes for efficient SiC-based technologies.

**FASTLANE OBJECTIVE No. 3**

**Broaden SiC functionalities**  
 FASTLANE will broaden SiC functionalities by integrating on-die sensors to monitor the device temperature and current in situ, improving device, module and system protection and developing high performance high voltage solid-state circuit breaker.

**FASTLANE OBJECTIVE No. 4**

**Overcome device-related limitations**  
 FASTLANE will overcome device-related limitations thanks to advanced packaging, improved parasitics, and fusion of in-die current measurement with a Tunnel Magneto-Resistance (TMR) current sensor.

**FASTLANE OBJECTIVE No. 5**

**Achieve cost benefits by reuse of automotive economy of scale**  
 FASTLANE will demonstrate how cost benefits can be achieved by reusing the economy of scale of automotive power electronics for power conversion applications.

[fastlaneproject.eu](http://fastlaneproject.eu)
X
[@fastlane\\_eu](https://twitter.com/fastlane_eu)
in
[@fast-lane-eu](https://www.linkedin.com/company/fast-lane-eu)

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the European Union

**ACKNOWLEDGMENT:** The project is supported by the Chips Joint Undertaking (JU) and its members, including top-up funding by Austria, France, Germany, Romania, Slovakia, under grant agreement No 101019793.

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## Flyer



Boosting the European  
Value Chain for Sustainable  
Power Electronics

**Objectives**



**FASTLANE OBJECTIVE No. 1**

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**GENERAL INFORMATION:**  
 Duration: 36 months  
 Start and end date: 2024 05 01 – 2027 04 30  
 Number of partners: 29  
 Total budget: € 96M  
 EU budget contribution: € 23M



**FASTLANE**

fastlaneproject.eu  
@fast-lane-eu  
@fastlane\_eu

Partners

Valeo   soitec   infineon   BOSCH

cea   chemnitz power labs   TECHNISCHE UNIVERSITÄT CHEMNITZ   SERMA TECHNOLOGIES

RWTH AACHEN UNIVERSITY   Fraunhofer IISR   ibs Innovative Ion Implant   TECHNISCHE UNIVERSITÄT CHEMNITZ

Heraeus Electronics   STU   EEMCO   MERSEN

SAINT EXUPÉRY   GPE   SIGREATE   TU WIEN

AI   amx   ZADIENT   BrightLoop

ECM GREENTECH   Mercedes-Benz   TeraGlobus

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ChipsJU

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## 2.2.6 Contact and Imprint

This section includes the project contact, imprint, legal disclaimer, and GDPR note.

### 3 Conclusion

All primary dissemination channels towards the public were successfully created: project website, X and LinkedIn accounts. These will be used to actively engage with the public and to be as open as possible in our communication towards the audience. Analytical tools will be used to monitor the effectiveness of our communication and public engagement strategy.