



Safe-, sUstainable- and R recyclable-by design P olymeric systems
A guidance towardS next generation of plastics

Start date of the project: 01/06/2022
Duration 42 months

Deliverable D6.2

Project website operative

Work Package	6	Dissemination, exploitation, standardization and training
WP Leader		Clara Hoyas
Lead beneficiary		WFO
Contributing beneficiaries		All partners
Reviewer		A. Tummino – CEA



This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101057901.

Nature of the deliverable		
R	Report, document	<input type="checkbox"/>
DEC	Websites, patents filing, press & media actions, videos, etc.	<input checked="" type="checkbox"/>
DMP	Data Management Plan	<input type="checkbox"/>

Dissemination Level		
PU	Public, fully open	<input checked="" type="checkbox"/>
SEN	Sensitive, Restricted to a group specified by the consortium under conditions set out in grant agreement	<input type="checkbox"/>

Quality procedure			
Contractual delivery date	31/08/2022		
Actual delivery date	31/08/2022		
Version accepted by the Steering Board	<input checked="" type="checkbox"/>	Report uploaded via Research Participant Portal	<input checked="" type="checkbox"/>

Acknowledgements

The SURPASS project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101057901. This publication reflects only the author's views and the European Union is not liable for any use that may be made of the information contained therein.

Version history

Version	Date	Partner - Author	Email	Comments ¹
1	30/08/2022	WFO – C. Hoyas	clara.hoyas@wastefreeoceans.org	1 st version
2	30/08/2022	CEA – A. Tummino	andrea.tummino@cea.fr	Template adjustments and correction
3	31/08/2022	CEA – A. Tummino	“	Modifications and final version

¹ Creation, modification, final version for evaluation, revised version following evaluation, final

Executive summary

This document contains all the information about the SURPASS website. It presents elements such as the structure of the website, navigation tree map, detail breakdown of subpages, members’ area and data protection practices.

List of acronyms

<u>Dx.x</u>	Deliverable number
<u>WP</u>	Work package
<u>EU</u>	European Union

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1 Introduction

The website is the main communication tool for the project and it is published in English. SURPASS website, in which all the results and dissemination material are published, was produced at the very beginning of the project. It includes different relevant materials for the project as news, events, downloadable communication material, etc. Besides, this website is a link to the objectives, partnership, activities related to the project.

The website will include videos, deliverables and useful information to maintain the targeted audience informed along the whole project life. In addition, a dedicated social media strategy will be designed and most appropriate accounts were set up (LinkedIn and Twitter), in order to drive the online traffic toward the project website.

SURPASS consortium created indicators to evaluate the webpage. Below are the indicators for website visits and material downloads.

- **Visits:**

<1000 = poor;

1000-3,000= good;

>3,000 = excellent.

- **Material downloads:**

<50 = poor;

50-100 = good;

>100 = excellent.

- **Twitter and LinkedIn accounts**

Followers:

<50 = poor;

50-100 = good;

> 100 = excellent.

2 Content of SURPASS website

The SURPASS website includes the following content:

- **Project Home Page** – general project description, latest news, subscription to SURPASS newsletter and acknowledgement of the EU funding
- **Project** – Description of the SURPASS project, facts and figures about the project,
 - ◆ **Context** – Context in which the project was born;
 - ◆ **Approach** – General description of the three case studies

- ◆ **Objectives** – Four specific objectives of SURPASS
- ◆ **Workplan** – How is the SURPASS project divided into the different work packages and the role of each partner within the WPs
- ◆ **Results** – Expected results. This section will be completed with the actual results of the project.
- **Partners** – List of project partners including their logos, website address and short description of their organization
- **Case Studies** – Comprehensive explanation of the three case studies
- **News & Events** – latest news about the project and events where SURPASS will be presented as well as articles and press releases, all the reports/deliverables that are available to the general public, the job opportunities and all the communications material.
- **Contact**

2.1 Website navigation tree map

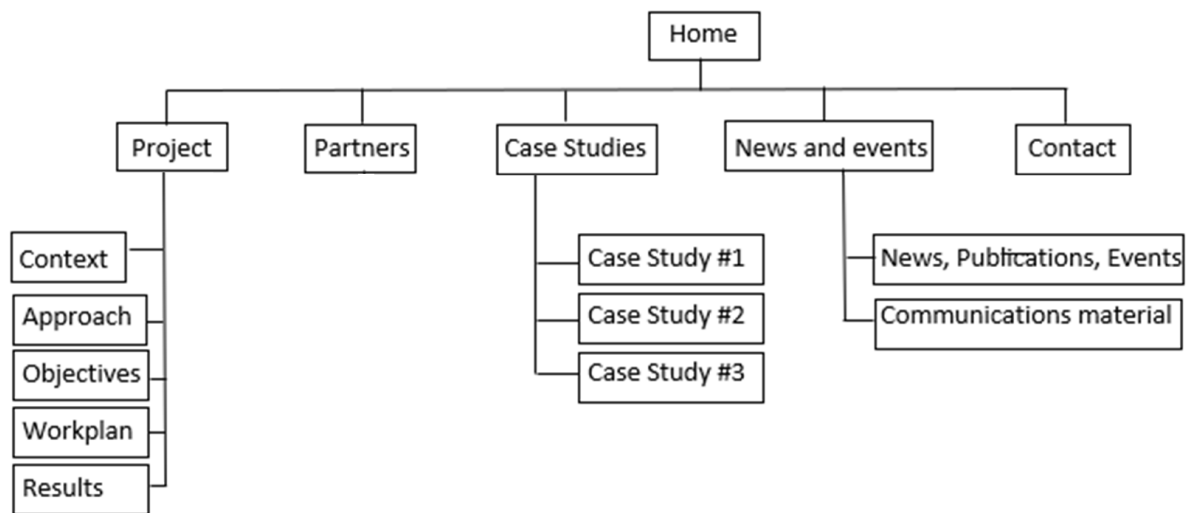


Figure 1 – Navigation map

2.2 Homepage and interactive elements

The SURPASS website is available at all usual web browsers and it can be found at the following domain: www.surpass-project.eu. The home page is the starting point for the SURPASS website. It contains a navigation bar (Figure 1 and 2) that provides links to different section of the website, including links for project’s LinkedIn and Twitter accounts. The entire website has familiar and recognizable SURPASS colours in order to identify with the brand that the consortium is trying to create.



Figure 2 – Website navigation bar

This page contains quick links towards the project’s description, objectives and expected results (Figure 3).



Figure 3 – Quick links towards project’s description, objectives and expected results.

In addition, it has latest news & events connected to the project, and window into the project’s LinkedIn and Twitter accounts and tweets (Figure 4).

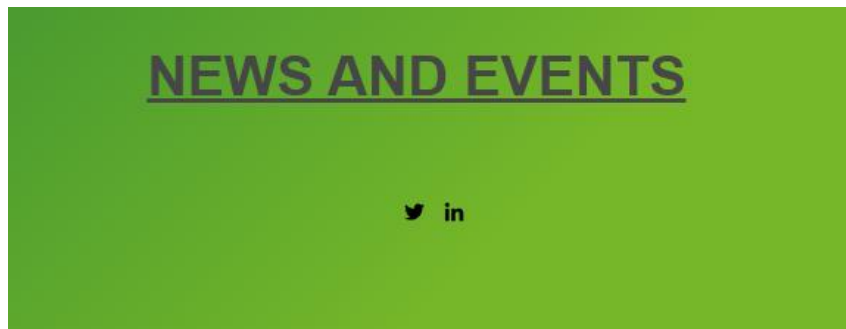


Figure 4 – News & Events, including SURPASS Twitter and LinkedIn

Moreover, a visitor can subscribe to SURPASS newsletter in order to stay up to date with the project developments (Figure 5).

Stay tuned!

Let us update you about the project!

Email *

Subscribe

Figure 5 – Subscription to the newsletter

2.3 Navigation panel and footer

The navigation panel is easy use and contains buttons with links toward all other subpages of the website. The panel stays always at the top and a visitor knows at any point which subpage is open, since an appropriate button is highlighted (Figure 6).



Figure 6 – Navigation panel

The footer always contains all the information regarding received funding from the European Union (EU) (e.g. grant number), EU flag, legal notice, use of cookies, social media icons, and email contact (info@surpass-project.eu).

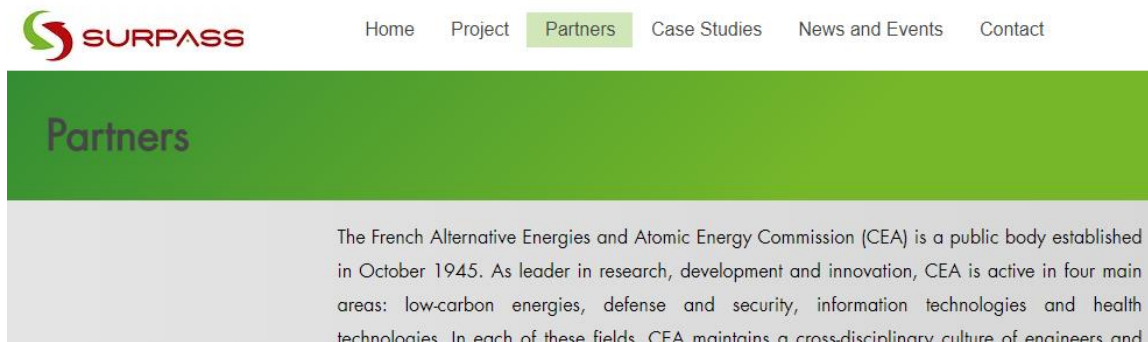


Figure 7 – Footer

3 Structure of the website

3.1 PROJECT page

The page is divided into two sections:

- **Description of the project**

Brief description about what the SURPASS project is about and the different stages of the project: develop polymers, optimize reprocessing technologies, etc.

- **Facts & Figures**

This part has information such as full title of the project, start date, number of partners, budget, etc.

3.1.1 CONTEXT subpage

The subpage briefly explains how the SURPASS project focusses on three different case studies.



Figure 8 – Screenshot of the Context subpage

3.1.2 APPROACH and METHODOLOGY subpage

This subpage summarizes the approach and methodology of the SURPASS consortium focusing on the sectors targeted by the project and the overall methodology of working.

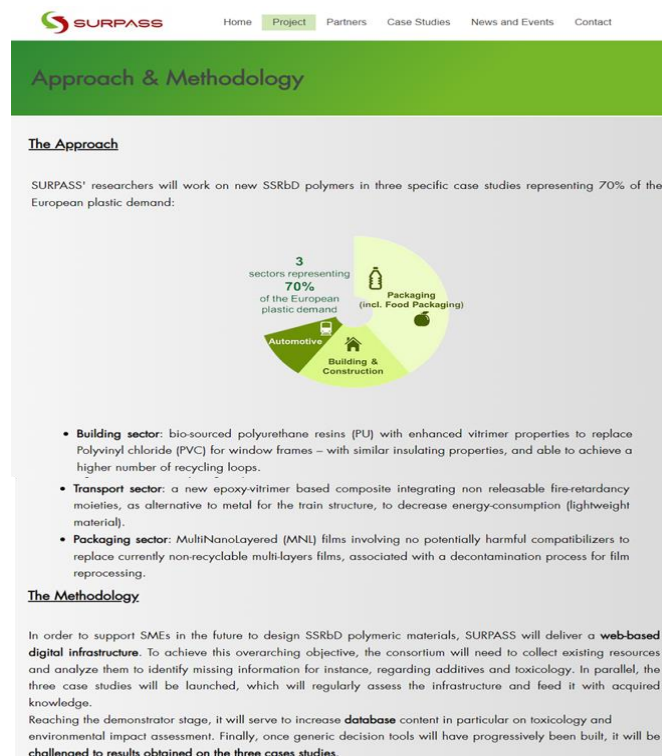


Figure 9 – Partial screenshot of the Approach and Methodology subpage

3.1.3 OBJECTIVE subpage

This subpage gives a visitor an insight into SURPASS' four specific objectives, representing the different stages of the SURPASS project during its whole lifetime.

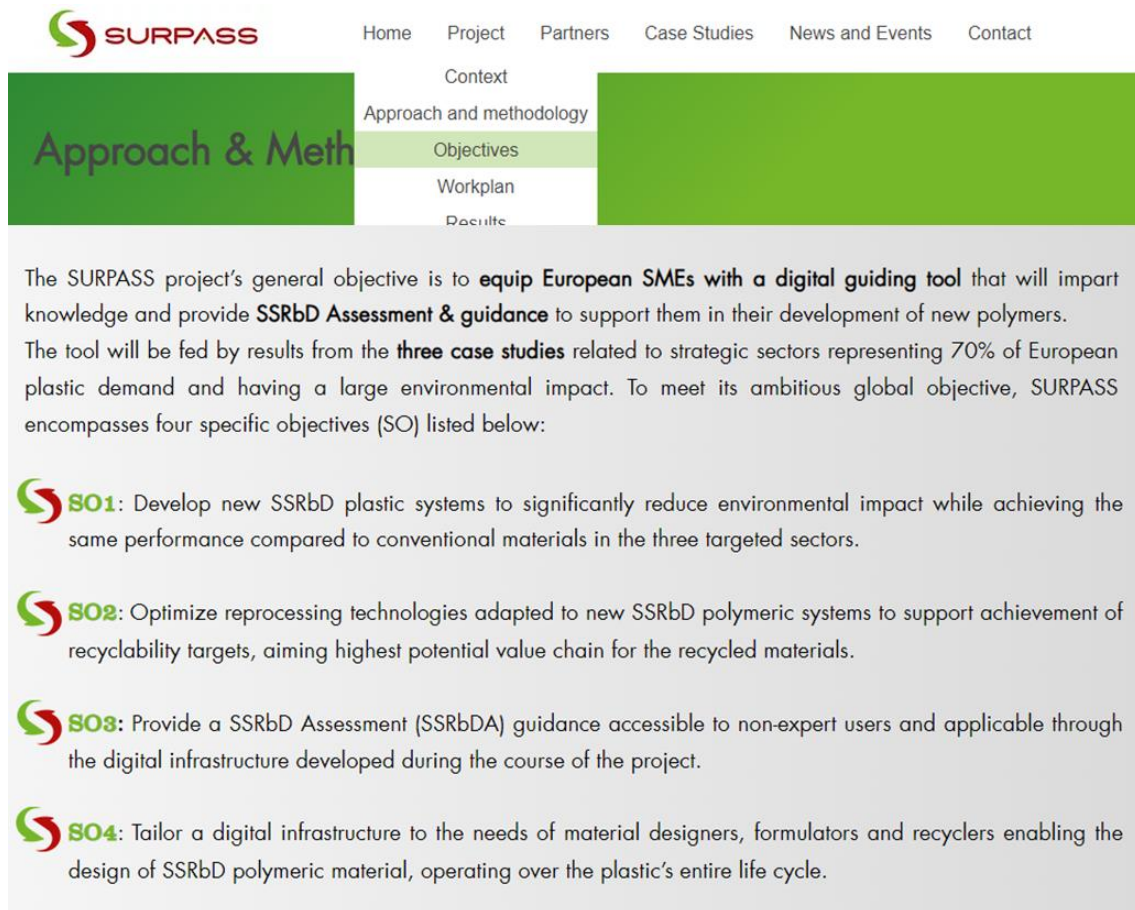
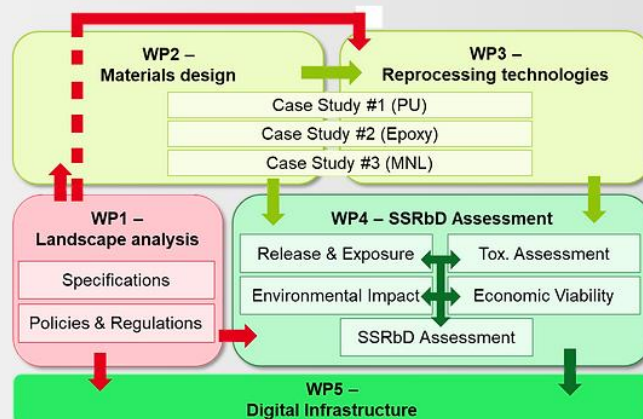


Figure 10 – Partial screenshot of the objective subpage

3.1.4 WORKPLAN subpage

This subpage, with a number of visual aids, gives a visitor an insight into SURPASS' distribution into the different work packages, and how each partner contributes and collaborates with other partners to fulfil its role into the specific work packages.

SURPASS has been divided into 7 work packages designed to ensure the project's outcomes.



- WP1:** Landscape analysis for the development of SSRbD polymers and guiding tool
- WP2:** Development of next generation polymeric materials and additives
- WP3:** Sustainable technologies towards polymer recycling
- WP4:** Development and use of SSRbD Assessment tools, methods and guidance
- WP5:** Development and validation of the digital infrastructure, including SSRbDA guidance
- WP6:** Dissemination, exploitation, standardization and training
- WP7:** Management and Coordination

Figure 11 – Partial screenshot of the Workplan subpage

3.1.5 RESULTS subpage

This subpage is so far describing the expected results of the project and will be updated with the actual results all along the project.

Expected results

1. A **digital infrastructure** encompassing criteria, metrics, tiered approaches, scoring strategies, customized decision support tools, references to relevant policies, regulations, and standards
2. A **Safe, Sustainable- and Recyclable-by-Design Assessment** strategy offered to the polymer community, including performance, hazard (incl. endocrine disruption), environmental impact and economic viability assessment
3. The associated **guidance** to assist users reaching the balance between high performance recyclable polymers for safer plastics with lower reliance on potentially harmful additives, reduced environmental footprint and acceptable costs
4. **3 recyclable-by-design highly innovative polymers** dedicated to replacing currently used non-recyclable materials (or to prevent emerging non-recyclable solutions) and corresponding design strategies
5. An **adapted decontamination process** that could be further expand out of the project scope (e.g. for other materials)

Figure 12 – Partial screenshot of the Results subpage

3.2 PARTNERS page

In this page, a brief description and some useful information about the 13 partners (RTOs, SMEs, and industrial groups) of the consortium of SURPASS can be found.



Figure 13 – Partial screenshot of the Partners page

3.3 CASE STUDY page

In this page, more information about the 3 case studies of the project can be found.



The screenshot shows the SURPASS website navigation menu with 'Case Studies' highlighted. It displays three case study sections:

- Case Study #1 - Building Sector**
New bio-sourced polyurethane (PU) to replace PVC for windows frame.
PVC is one of the main polymers used in buildings for its outstanding mechanical and durability properties. However, its production (needing large amount of chlorine, and forming highly hazardous organochlorinated compounds) and degradation along its lifecycle pose environmental issues that led to global initiatives to reduce PVC consumption.
- Case Study #2 - Transport**
Fire resistant epoxy-vitrimer materials for sustainable composites for the railway sector
The interest in using composite materials for structural applications in many different industries has increased significantly in the past decades. Currently, in the railway sector, composites are mainly and extensively used for several interior applications and in secondary structure applications. They would yet have a huge interest as lighter alternatives to metals – enabling less energy consumption. However, the application of composite materials in rolling stocks (primary structures) is ruled by Fire, Smoke and Toxicity (FST) requirements according EN45545. As glass- or carbon-based fiber reinforcements have good fire properties, it is mainly the resin that has to be improved regarding fire resistance.
- Case Study #3 - Packaging**
MultiNanoLayered (MNL) films to replace multi-layer films for food packaging
Multilayer plastic films are currently used as packaging for the protection of food – because of their unique barrier properties enabling significant extension of food preservation. They are traditionally composed of multiple highperformance layers (e.g. polyolefins (PE (polyethylene) and PP (polypropylene) - 55% of multilayers streams), PA (polyamide), EVOH (Ethylene and Vinyl Alcohol copolymer), etc. but also aluminum or cardboard). Most current designs and the widespread absence of sorting and recycling technologies for such multilayers make them unsuitable for recycling in an economically and environmentally sustainable way.

Figure 14 – Partial screenshot of the case study page

3.4 NEWS and EVENTS page

The subpage contains all the news connected to the SURPASS project, as well as events where the partners will take part to promote the project. In addition, every article will be promoted with social

media accounts, in an effort to drive the entire online traffic toward the website. As of today, the page is still empty as the project started recently.

3.4.1 NEWS, EVENTS AND PUBLICATIONS subpage

This subpage will show all the publications, press releases, events, tweets, etc. related to the SURPASS' project.

3.4.2 COMMUNICATION MATERIAL subpage

This subpage gives access to all the flyers, roll-up banners, Power Points, Presentations and all the deliverables of the project.

4 Data Protection

Data protection is essential for the SURPASS consortium and this is translated into the SURPASS website. The website contains a legal notice and can be found in the footer of the website (Figure 8).

Figure 8: Legal notice



This Privacy Statement includes information about the personal data collected by SURPASS, as well as the manner in which SURPASS uses and processes this personal data.

- This statement is applicable, inter alia, to:
- SURPASS website
- all (commercial) relations between SURPASS and its customers, prospects and business partners when visiting the building/office of SURPASS

5 Conclusions

The website is operational as from the deadline of the first deliverable, as stated in the project grant agreement and the proposal. It contains all the section where results and dissemination material will be published in the first year of the project. The SURPASS consortium will continue this practice and the website will be updated regularly.

The website contains different relevant materials for the project as news, events, downloadable communication material, etc. In addition, the project's LinkedIn and Twitter accounts are available and the content is related to the project and are updated weekly. The social media accounts are used as tools to drive the entire online traffic towards the project's website and enhance the presence and communication.