

PLASTIC VALUE

Project Results 2 E-Learning Platform User Manual

Version: 2
JANUARY 2024
Lead Organization: EGE

Project nr: 2021-1-ES01-KA220-VET-000032982



**Co-funded by
the European Union**

This project has been funded with support from the European Commission. This publication (communication) reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Document Identity

| | |
|-------------------------------|----------------------------|
| Recipients | Plastic Value |
| Confidentiality Status | Public / internal use only |

Document Versioning

| Version | Date | Authors |
|---------|------------|---------|
| V1 | 15.02.2024 | EGE |
| V2 | | |
| V3 | | |
| V4 | | |

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Introduction

The objective of the "PlasticValue e-learning platform user guide" is to detail the approach to the objective of the project, SMEs, vocational education and training institutions, professionals involved in the plastics industry, or professional candidates, and the available e-learning solutions and platforms analyzed to select the solution that best suits their preferences regarding curriculum and content. The PlasticValue e-learning platform has been developed based on the principles of instructional technology. To optimise cost and increase sustainability, existing open-source solutions for e-learning have been preferred and customised to develop individual learning paths, quick access to specific content, and a mobile-friendly e-learning platform.

Plasticvalue E-learning Platform

When we enter the PlasticValue website (<https://plasticvalue.eu/>), the homepage is shown. The main menu contains tabs for "About", "Project Results", "Skill Up", "Showcase" and the language selection pull-down menu. The "Home" button allows you to go to the home page; the "About" drop-down menu takes you to the information about the project and the project team, and "Project Results" allows you to access our project reports, newsletters, other dissemination documents, "Skill Up" bring you to the page where the e-Learning environment and the learning contents, and finally "Showcase" will bring you to the implemented showcases from the partners.

The PlasticValue e-learning platform is located on the PlasticValue web page and can be accessed from the "Skill Up" menu in the main menu. It is a free system that is integrated with our main website. Thus, the user can access the entire training environment and stay in touch with the project in one integrated space. Learners do not need to register to access the content in the system. The contents are open to anyone interested. On this page, the training materials prepared within the scope of PlasticValue contents are presented.

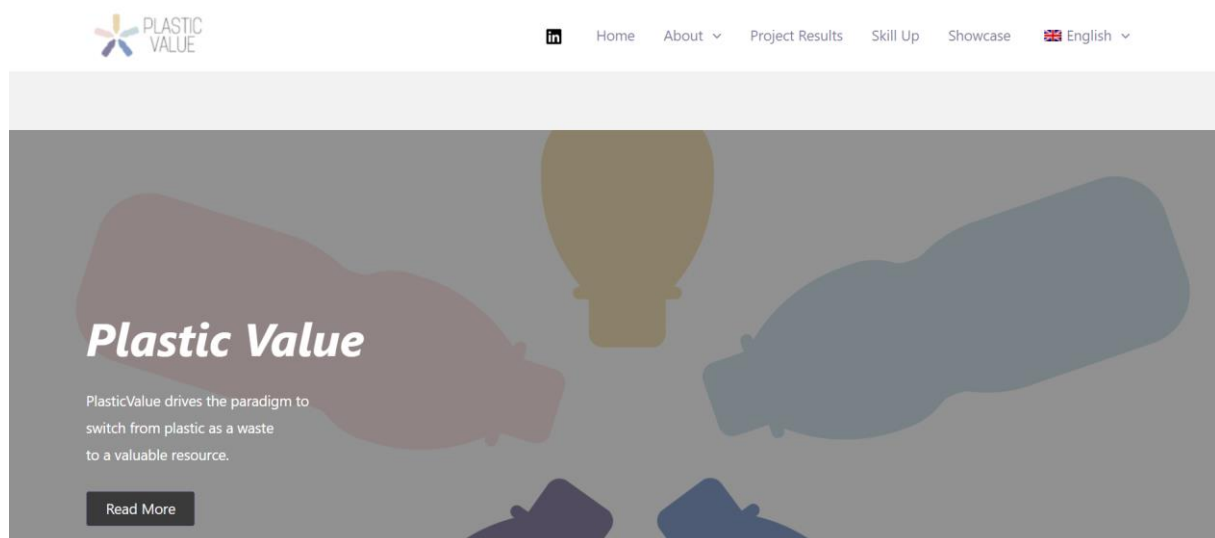


Figure 1 Main Menu

There are a total of 5 main learning phases in the PlasticValue e-learning platform. These main phases contain the learning units necessary to access the theoretical knowledge required for the revaluation of plastics. You can reach the learning units by clicking on each of the boxes. These learning phases are:

- 1 Warm-up
- 2 Analyse
- 3 Plan
- 4 Prepare
- 5 Implement

There are additional three boxes that you can reach the contents by clicking on each box. The “Cases” box where you can get inspired by examples and case studies, the “Toolbox” is where you can practice more by using the explained tools, and the “Logbook” is where you can test your knowledge on plastic revaluation. See details below.

Skill-Up

When you enter the learning platform, you are greeted by an explanatory text.

Welcome to “PlasticValue SKILL UP,” your gateway to elevating your expertise in plastic revaluation. Embark on a transformative journey through our meticulously crafted 5-module program, designed to immerse you in every facet of plastic revaluation: Warm-up, Analyse, Plan, Prepare, and Implement.

Each module serves as a stepping stone in your educational odyssey, offering a rich tapestry of knowledge units and their associated methodologies and tools. Delve into the depths of each module, unraveling insights that will empower you to navigate the complex landscape of plastic revaluation with confidence.

For a real-world perspective, explore our “Cases” section, where you can draw inspiration from actual scenarios that highlight successful plastic revaluation initiatives. It’s a window into the tangible impact you can make through your newfound expertise.

But that’s not all. Enhance your skills further by leveraging specialized tools, including a survey tool, carbon footprint calculator, empathy map, and more. These resources are meticulously curated to complement your learning journey, providing practical applications for mastering the art of plastic revaluation.

As you navigate through our platform, remember that your commitment to skill enhancement contributes to a better circular economy and, ultimately, a better world. Click, explore, and immerse yourself in the limitless possibilities of advancing your plastic revaluation skills. Together, let’s shape a sustainable future.

Figure 2 Descriptive text

Then, just below, you will find links to the learning content, divided into phases. With phases, this section also includes cases, toolbox, and logbook.




Figure 3 Learning platform interface

- Phases (1 to 5): Although the learning phases seem to be listed with a guiding arrow, each learning content is designed independently and describes the relevant topic on its own. If another subject is referred to in the relevant subject, it is possible to see the relevant content by simply clicking on the link in the citation.
- Cases: Just below the phases is the cases section, which includes selected examples of plastic revaluation and best practices conducted all over the world.

- **Toolbox:** It allows you to access the tools and methods distributed according to the relevant phases in the phases.
- **Logbook:** The logbook allows you to put the information you have learned to the test as you progress through your plastic revaluation journey. This logbook provides an opportunity for individuals to make a self-assessment of plastic revaluation.

Phases (1 to 5)

Each learning phase consists of a short explanatory text about the learning objectives, the learning contents which are divided into learning units, supporting and methods. You can access the learning units grouped by drop-down menus.



Warm-Up

Welcome to Phase 1 of the Plastic Value Project, where we explore the revaluation of plastic waste in the Circular Economy. In this phase, we'll discover why revaluing plastic waste is essential, how to turn it into valuable products, and the mindset needed for this transformation. We'll also utilize tools like CIRCO TRACKS, CO-DESIGN WORKSHOPS, and more to guide us on this path to a more sustainable future. Join us in reimagining the value of plastic waste in our world.

Understand (plastic) revaluation terminology and strategies ^

- [Plastic Revaluation in the Circular Economy](#)
- [Why revaluating the plastic waste?](#)
- [How to transform plastic waste into products](#)
- [Plastic revaluation value chain](#)
- [The plastic revaluation mindset](#)
- [Ecodesign and plastic revaluation](#)

Figure 3 Learning units (Warm Up as an example)

Just below the learning units are the supporting methods and tools selected for the relevant learning phase. Information about these tools and methods can make your job easier when you put the topics you have learned about into practice. You can reach more tools from the “Toolbox” main menu (explained below) depending on the needs of your project.

Methods and Tools

- [CIRCO TRACKS](#)
- [CO-DESIGN WORKSHOPS](#)
- [GOOGLE RESEARCH](#)
- [PATHWAYS](#)
- [RECYCLASS TOOL](#)
- [SME CLIMATE HUB](#)
- [SCOPECO2](#)
- [SIX THINKING HATS](#)
- [STARTING A PLASTIC RECYCLING BUSINESS](#)
- [UNITED NATIONS CO2 CALCULATOR](#)

Figure 4 Tools menu for Warm Up Phase

Cases

The cases section allows a selection of cases from different countries and sectors. It offers a filtration option based on the country the case is located, the relevant sector, the size of the enterprise, the phase of the plastic revaluation process, the project result, and the cooperation type for the relevant sectors. You can use the filtering options from the left side of the cases and enjoy the good examples of plastic revaluation!

Cases

Country

- Spain
- Netherlands
- Slovakia
- Other EU
- Non EU

Sector

- Agriculture/Food
- Textile
- Construction
- Automotive
- Household Appliances
- Packaging
- Tourism & Leisure
- Health & Well-being
- Logistics/Transportation
- Industry/Machinery
- Other

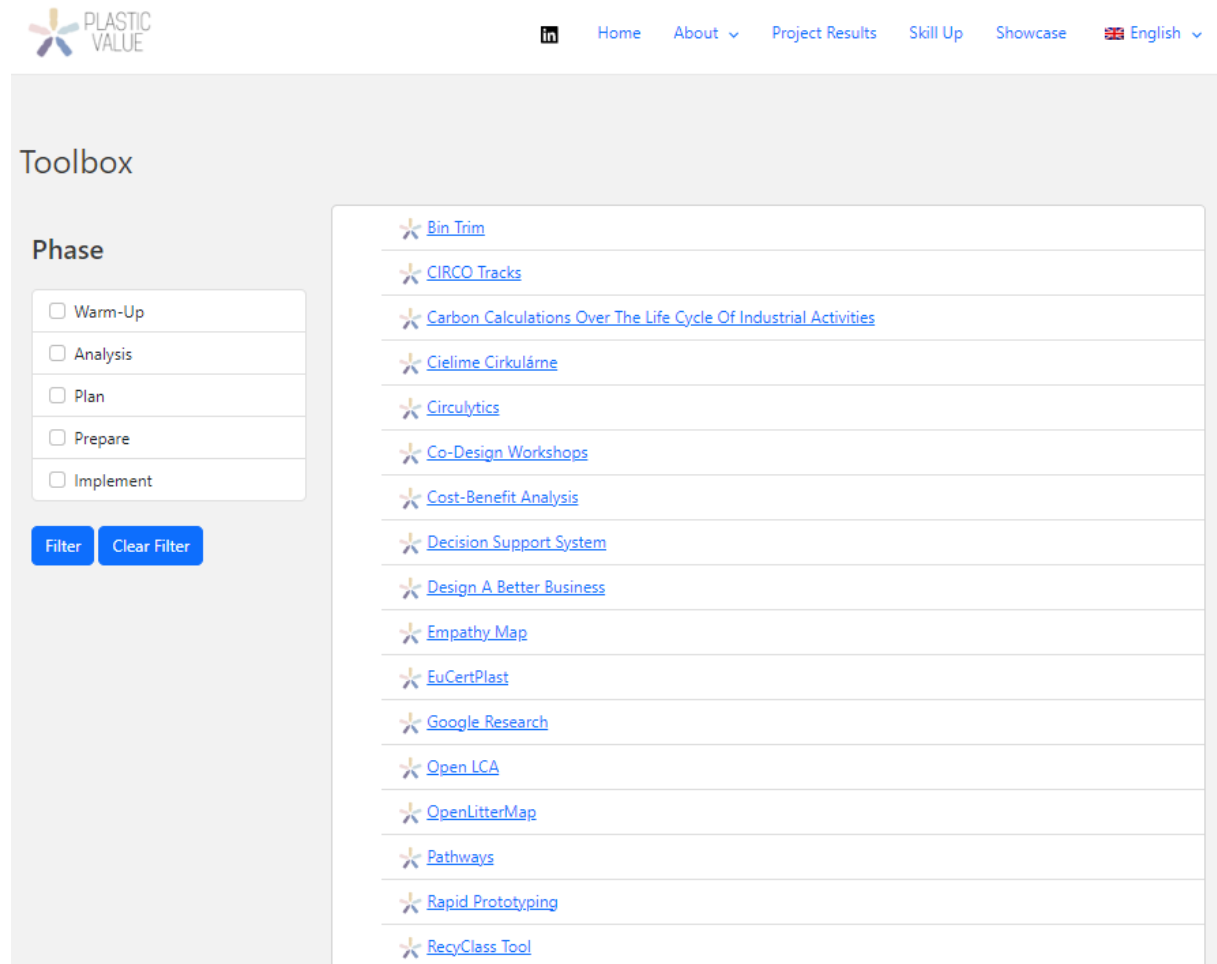
Size of Enterprise

- Small
- Medium

| |
|---|
| * 3DIMENSION3D |
| * 4OCEAN |
| * ABRAKA |
| * ADIDAS X PARLEY |
| * ALQUIENVAS |
| * AMERICA TODAY |
| * BAIDAL PLASTIC |
| * BASQ |
| * BAUX |
| * BLUE BARREL PROJECT |
| * BORDALO II |
| * BREAK FREE FROM PLASTIC |
| * BYBLOCK |
| * CM PLASTIK |
| * CONCEPTOS PLÁSTICOS |
| * CPI CARD GROUP |
| * CURAPROX |
| * ECOBUTT |
| * ECOINCLUSIÓN |
| * ECOPLASTEAM |
| * ELECTROLUX VACUUM CLEANER |
| * ESOX |
| * GOT BAG |

Toolbox

The toolbox offers a wide range of tools that you can use for planning, design, implementation, collaboration, and decision-making stages of your plastic revaluation processes. You can filter from the right side of the toolbox menu according to the phases (1 to 5). When you click on one of the tools you can reach information and valuable resources.



The screenshot shows the PlasticValue website's Toolbox interface. At the top, there is a navigation bar with the PlasticValue logo, a LinkedIn icon, and links for Home, About, Project Results, Skill Up, Showcase, and English. The main content area is titled 'Toolbox' and features a 'Phase' filter on the left. The filter has five radio button options: Warm-Up, Analysis, Plan, Prepare, and Implement. Below the filter are 'Filter' and 'Clear Filter' buttons. The main list of tools includes: Bin Trim, CIRCO Tracks, Carbon Calculations Over The Life Cycle Of Industrial Activities, Cielime Cirkulárne, Circulytics, Co-Design Workshops, Cost-Benefit Analysis, Decision Support System, Design A Better Business, Empathy Map, EuCertPlast, Google Research, Open LCA, OpenLitterMap, Pathways, Rapid Prototyping, and RecyClass Tool.

Logbook

In relation to the phases in the PlasticValue learning platform, the PlasticValue Skills Assessment allows learners to monitor and record their learning processes individually as a logbook. Rather than a formal assessment and evaluation approach, the skill assessment here allows individual evaluation of learning processes rather than learning outcomes of individuals. For this reason, tasks consisting of open-ended questions and scenarios are written in PlasticValue rather than the use of multiple-choice or scored rubrics within the scope of a formal assessment. The PlasticValue Skills Assessment includes three tasks for each phase, 15 tasks in total. Using this logbook, learners can make their self-assessments of plastic revaluation and follow their learning process. As such, the skills assessment logbook and document guide the different phases of plastic revaluation for learners. In this context, the skills assessment logbook is available in the format of an individual study and logbook on the PlasticValue website in all partner languages <https://plasticvalue.eu/contentpage/?courseid=31>

Language Options

The website and the "eLearning platform" are systems that allow translation of partnering languages, that is, Dutch, Slovak, Spanish and Turkish. Due to the use of the PDF as the main format, each project partner translated the learning contents and supportive materials into their language. In this way, the system can work properly on devices that can open all types of PDFs without deteriorating the format, and at the same time, the relevant PDFs can be downloaded and used offline. In particular, the service we use to create the training environment already has translations into the languages of the consortium partners.