INTRODUCTION

Thoughtful design for recycling is an essential step to ensure the recyclability of packaging. The industry’s business-as-usual approach has reached a turning point, and a paradigm shift is necessary.

Packaging, mainly used in single-use applications, is often designed without any considerations for the proper end-of-life management which is essential in ensuring a circular life for products.

RecyClass provides specific indications and recommendations on how to improve packaging design to fit current recycling technologies.

RecyClass is an initiative aiming to help the plastics value chain find the correct way to approach and evaluate the design for recycling of packaging products, with the goal of improving their recyclability.

Three main pillars guide the activities of RecyClass:
- Recyclability Evaluation Protocols
- Design for Recycling Guidelines
- RecyClass Online Tool

These three pillars are interlinked, leading to sound/coherent and lab-based conclusions that are incorporated throughout the initiative.

The launch of the RecyClass Platform was driven by the brands’ interest in tailor-made designs for their packaging products. This initiative aims to close an existing gap between different industry actors and works towards bringing the knowledge of recyclers right down to the packaging producers.
RECYCLASS ACTIVITIES

RECYCLABILITY EVALUATION PROTOCOLS
Development and maintenance of Protocols to evaluate the compatibility of a technology with the current recycling state-of-the-art technology in Europe. Several laboratories around Europe are accredited to perform this testing upon request.

DESIGN FOR RECYCLING GUIDELINES
The Design for Recycling Guidelines provide information on how to design and choose the different components of a plastic packaging. Guidelines are available for different types of plastics and were developed by:
- EPBP for PET Bottles
- Petcore Europe for PET Trays
- RecyClass for HDPE, PP, PE Films, PP Films, Crates & Pallets and Pots, Tubs & Trays.

RECYCLASS TOOL
Online user-friendly self-assessment tool to analyse the recyclability of a plastic packaging. The system analyses a package and its components through a series of questions, after which the system provides a qualitative rating from “A” to “F” and a report.

RECYCLABILITY PRODUCT CERTIFICATION
Verification and certification of the online self-assessment analysis by an external auditor who will release a Report and a Certificate valid for 3 years.

TECHNOLOGY APPROVAL
Technology assessment using the Recyclability Evaluation Protocols. The RecyClass Technical Committee oversees the application, while the tests are conducted by an independent laboratory. The tests are conducted based on European state-of-the-art technologies.
ReyClass Platform provides guidance to plastic value chain actors interested in improving packaging design to allow for efficient recycling. Features included may be found below.

**SUPPORT VIA EMAIL**

Costumer service support via email to all the users’ questions

General guidance and advice on recyclability, including email correspondance with members on design compatibility with recycling. Support is limited to 10 queries per year for Bronze members, 20 queries for Gold partners and 50 queries per year for Platinum members.

**RECYCLABILITY PRODUCT CERTIFICATION**

Official Certification of a packaging by an external party

Management of the analysis and external Certification of a packaging based on the RecyClass Tool results. Certification management fee is limited to 1 for Bronze members, 3 for Gold and 5 for Platinum members. The audit costs by an external auditor are not included in any case.

**TECHNOLOGY APPROVAL**

Technology Assessment by the RecyClass Technical Committee

Management of a technology approval application based on the RecyClass Recyclability Evaluation Protocols. The results of the testing are evaluated by the RecyClass Technical Committee. Technology approval management fee is limited to 1 for Platinum members instead of the Recyclability Product Certifications. The costs of the tests conducted by a third party laboratory are not included, but a discounted fee applies to all RecyClass Platform members.

**RECYCLING POLICY REPORT**

Analysis and assessment of your recycling policy

Assessment of your current recycling policy, if available. Propose a set of recommendations based on your current policy to adapt it to current trends in recycling. RecyClass experts can also support the development of a new report if none is available within your company. This feature is reserved to Platinum members.
TRAINING PROGRAMME
Design of a customized one-day training course in your company
Organisation of a workshop which will cover: current recycling technologies available and broadly installed in Europe, main technological challenges faced by the recyclers, how design influences sorting and recycling of the package, analysis and discussion of a company package provided by the company and a general Q&A for all the participants. The content of the course can be adapted to specific needs of the company upon previous agreement.

RECYCLASS ADVISORY BOARD
Reserved seat at the Advisory Board of RecyClass
Participation in the RecyClass Advisory Board meetings where the Technical Committee discusses future trends and possible developments of the RecyClass Platform. The chairman of the Advisory Board and an additional representative seat on the Steering Board. This feature is reserved to Platinum members.

RECYCLASS TECHNICAL COMMITTEES
Participation to the RecyClass Technical Committees
Possible participation to one of the RecyClass Technical Committees where all technical reviews take place and technology assessments are discussed. The signature of an NDA is mandatory. This feature is reserved to Plastinum members.

COMPANY EXPOSURE
Company logo displayed in a dedicated section of the RecyClass website
Display of your logo on the website as a Recyclclass supporter for the period of 1 year.
RecyClass offers 3 different supporting levels for those companies committed to improve the recyclability of their packaging. Supporters find in RecyClass an advisor to assess and improve the recyclability either of their packaging assortment or a single package product.

* Includes management fee. Laboratory testing and audit costs are not included.

For further information contact: info@recyclass.eu
APPLICATION FORM

COMPANY DETAILS

Legal name......................................................  Adress.................................................................
Acronym..........................................................  City.................................................................
VAT nº..............................................................  Zip code.........................................................
Phone.............................................................  Country.........................................................
General Email..............................................................
Website........................................................................................................
Package types......................................................................................................

CONTACT PERSON DETAILS

First name.......................................................   Last name............................................................
Position...........................................................  Telephone.........................................................
Email...............................................................  Accounting email...............................................

SUPPORTING LEVEL

I confirm that our company would like to join the RecyClass Platform. We would like to support as:

☐ BRONZE          ☐ GOLD                     ☐ PLATINUM

☐ I declare that the above mentioned information is correct.

_________________________________________________________  __________________________________________
Date, signature & name of authorized representative       Company Stamp

Please fill in the form and send it via email to: info@recyclas.eu
Boosting Design for Recycling

RecyClass™