7th International Conference on Sustainable Solid Waste Management

EXPRA Packaging and Recyclability online tool: P4R

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Over 6 years existence

26 members, industry-owned, non-profit

H ave over 25 years of experience and expertise in the waste management field

Provide over 200 million people with packaging collection, sorting and recycling infrastructure

Ensure recycling and recovery of over 20 million tonnes of packaging every year

Exp r a in a nutshell
P4R: Packaging for recycling

The website provides a dynamic online information tool aimed at allowing users to self-assess the recyclability of packaging, according to a roadmap based on the following 4 recyclability critical control points:

- Design
- Labelling
- Collection
- Sorting

Objectives

- Raising awareness of recyclability and relevant guidelines,
- Providing information of cutting-edge and innovative packaging trends;
- Strengthening the links between packaging producers and recyclers.
The tool also allows users:

- to find out how recyclable their packaging is;
- facilitates access to best practices and guidelines, across Europe, on packaging design, labelling, collection systems and sorting;
- Includes an overview of Research and Development (R&D) initiatives currently under development.
P4R Packaging for recycling

http://www.packaging4recycling.eu/demo/
Packaging recyclability roadmap

This website provides a dynamic online information tool aimed at allowing users to self-assess the recyclability of packaging and a roadmap based on the following recyclability critical control points: design, labelling, collection and sorting. It brings together best practices by the Extended Producer Responsibility Alliance (EXPRA) membership as well as information on how to best reduce the environmental impact of packaging while optimising its resource efficiency. The toolkit particularly covers the most-frequently used materials for packaging: aluminium, glass, paper, plastic, steel and wood.

Click the button to start a packaging recyclability critical control point analysis

Start Analysis
P4R Packaging for recycling

Type of Material

In many cases, a product’s packaging is composed of different materials, which in turn affect certain product choices as to how it could best be designed, conserved, disposed and recycled. This toolkit follows a prevalent-material approach. The first step to self-assess the recyclability of packaging is thus to identify its prevalent material.

Select the packaging prevalent material among the following options.

- Alluminium
- Glass
- Paper
- Plastic
- Steel
- Wood
Design for recycling

The first critical control point to self-assess the recyclability of packaging is to check whether it was designed for recycling. This depends on a set of critical factors, often linked to national consumption markets. To this end, guidelines have been developed in Europe, including in countries where EXPRA’s membership operates. If you already know that your packaging is designed for recycling, click the ‘yes’ button below and carry on the questionnaire. If not, find out whether your packaging is designed for recycling or click the ‘no’ button and find out more information about your packaging.

Select the packaging prevalent material among the following options.

Find out if your package is designed for recycling

Is your packaging designed for recycling?

YES  NO
Design 4 recycling self assessment completed!

Labelling for recycling

The second critical control point to self-assess the recyclability of packaging is to identify whether there are any mandatory or voluntary labelling requirements in force. These aim at facilitating that consumers fulfil their responsibility for separating and delivering to the collection infrastructures their packaging waste in an appropriate manner. If you already know that your packaging is labelled for recycling, click the yes button below and carry on the questionnaire. If not, find out the information and guidelines on labelling requirements currently in use across Europe or click the no button and find out more.

Information on packaging labelled for recycling

Is your packaging labelled for recycling?

YES  NO
P4R Packaging for recycling

Labelling 4 recycling self assessment completed!

Collection for recycling

The third critical control point to self-assess the recyclability of packaging is to identify whether there are any collection systems in place to help ensure that it is ultimately recycled. Via its membership and experience, EXPRA has developed a set of material-specific information outlining the type of packaging collected for recycling in place across Europe. For household packaging, these can vary from mixed collection, separate collection or reverse vending machine (with or without deposit systems). If you already know that your packaging is collected for recycling, click the yes button below and carry on the questionnaire. If not, find out information and guidelines on the packaging collection systems currently in place across the different countries in Europe, or click the no button and find out more!

Select the packaging prevalent material among the following options.

Information on packaging collected for recycling

Is your packaging collected for recycling?

YES  NO
P4R Packaging for recycling

Collecting 4 recycling self assessment completed!

Sorting for recycling

The final critical control point to self-assess the recyclability of packaging is to identify whether there are any sorting for recycling systems in place to help ensure that it is ultimately recycled. Within the sorting process, certain challenges may arise, for example in achieving correct optical separation or in air blowing systems. Residues and fractions can also compromise the quality of the recycled material. Via its membership and experience, EXPRA has developed a set of material-specific informations and guidelines outlining the sorting systems in place across Europe. If you already know that your packaging is sorted for recycling, click the yes button below and carry on the questionnaire. If not, find out information and guidelines on the packaging sorting systems currently in place across Europe or click the no button and find out more!

Select the packaging prevalent material among the following options.

Information on packaging sorted for recycling

Is your packaging sorted for recycling?

YES  NO
P4R Packaging for recycling

Tips and tricks

- infrastructures deployment, advertisements, financial contributions

Note: Whenever possible the linked references are in English.
In case of contents in languages different to English you can try using this useful online translator.

<table>
<thead>
<tr>
<th>Countries EXPRA’s members</th>
<th>Collection</th>
<th>Separate collection</th>
<th>Selective collection (RVM)</th>
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