



**arpal**

Association for the Recycling  
of Aluminium Products



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ALUMINUM PACKAGING

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# TYPES OF ALUMINUM PACKAGING

## RIGID PACKAGING (THICKNESS OVER 200 MICRONS):



Beverage cans



Aerosols



Cosmetics jars



Bottles



Food cans

## SEMI-RIGID PACKAGING (THICKNESS UNDER 200 MICRONS):



Food containers



Pet food



Tubes



Small trays



Trays



# TYPES OF ALUMINUM PACKAGING

## FLEXIBLE PACKAGING:



## OTHERS:



# WHERE TO RECYCLE ALUMINIUM PACKAGING

**All aluminium packaging is recycled in the yellow recycling container**

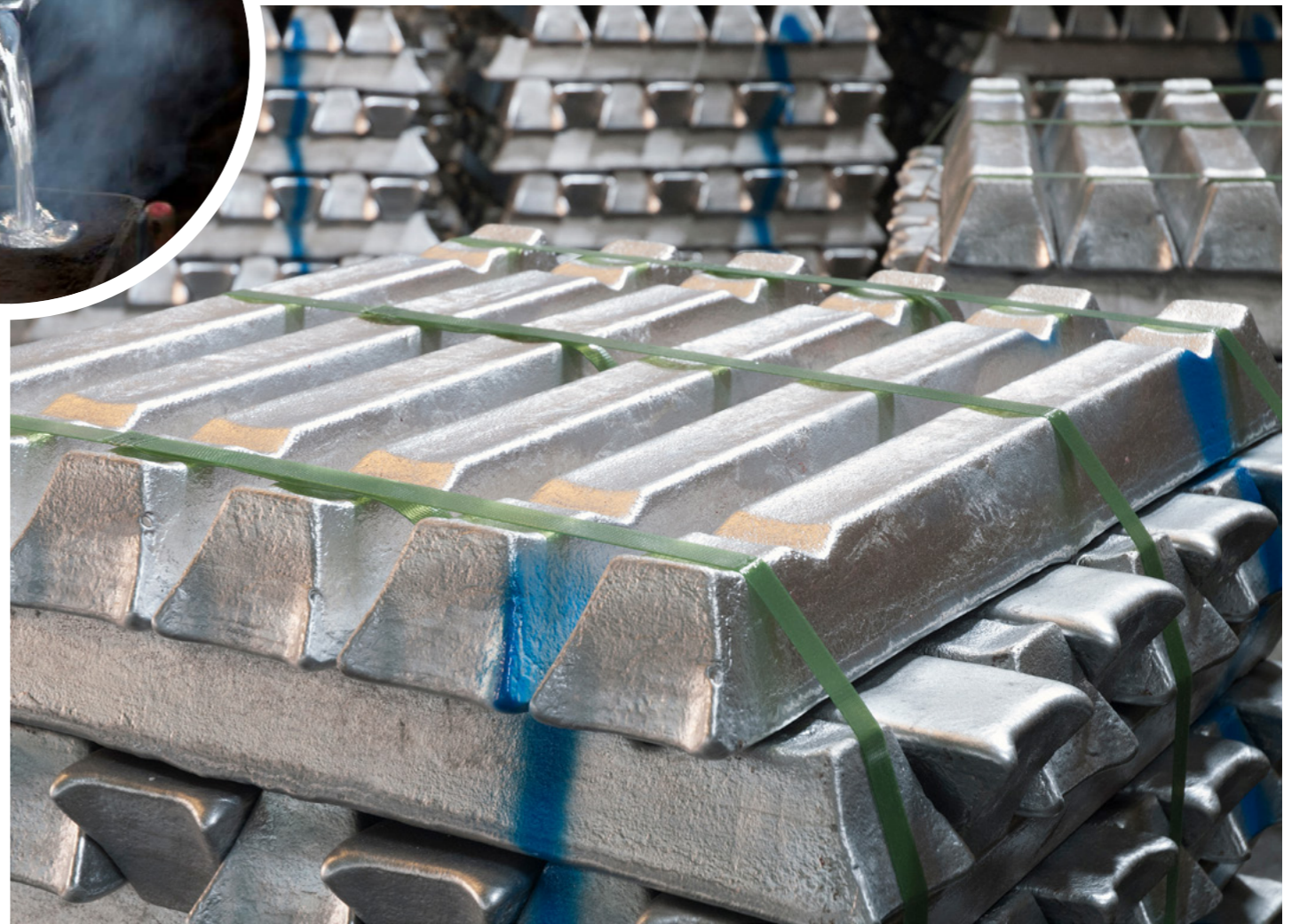
**ARPAL** promotes the recycling of all rigid, semi-rigid and flexible aluminium packaging in the yellow recycling container.

To encourage the correct recycling of semi-rigid and flexible packaging, the **Ball Theory** has been developed, which consists of putting all this kind of packaging together in the same bag or making them into a ball before putting them in the yellow container.





# ADVANTAGES OF RECYCLING ALUMINUM PACKAGING



All the aluminium that is recovered is recycled because:

- Its properties and quality are not lost
- 95% of energy is saved
- The use of natural resources (bauxite) is reduced
- Use and saturation of landfills is avoided
- The quantity of CO<sub>2</sub> released into the atmosphere is minimised

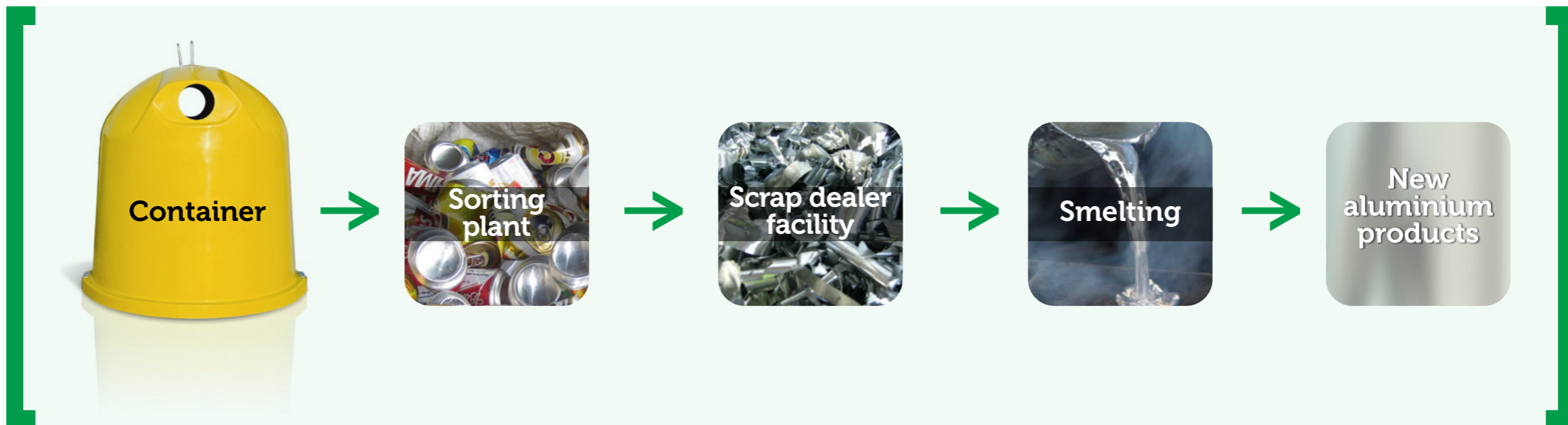
Aluminium has HIGH RATES of recycling:

- More than 90% of aluminium used in means of transport and construction materials
- More than 55% of packaging globally

For this reason, **75%** of all the aluminium that has been manufactured in the last 100 years is currently in use thanks to recycled aluminium.

Because aluminium can be recycled indefinitely without a loss of quality.

# RECYCLING PROCESS



According to information from the **Asociación de Latas de Bebidas**, for every **100 cans** placed in the yellow container the total amount recycled is **99%**



# WHAT IS ARPAL?

**ARPAL** is a non-profit association that was created in April 1994 with the aim of promoting the recycling of aluminium packaging and achieving the legally-required recycling rates. Under Directive (EU) 2018/852, in 2025 50% of aluminium packaging should be recycled and in 2030 this rises to 60%, an objective that is covered in Spanish legislation.

The **ARPAL** Association is made up of the following organisations:

- **Aludium**
- **Constelium**
- **Speira GmbH**
- **Novelis Europe**

**ARPAL** works very closely with the **Asociación de Latas de Bebidas**, with **European Aluminium (EU)** and the **European Aluminium Foil Association (EAFA)**. Furthermore, it represents the aluminium industry in **Ecoembes**, the organisation in charge of managing the yellow and blue recycling containers in Spain.



## Objectives

- To encourage the greatest number of initiatives and activities to **foster and spread the habit of recovering and recycling aluminium packaging in Spain.**
- To contribute to the conservation of the environment and natural resources by effectively implementing the recycling culture.



## ARPAL Activities: 1 STUDY OF RECYCLING RATES

Every year **ARPAL** conducts a study, together with the Federación Española de la Recuperación -Spanish Federation of Recovery and Recycling (**FER**)- and with the collaboration of **Ecoembes**, to calculate the volume of aluminium packaging recovered in Spain and how it is collected.

The research analyses the volume of material recovered

in scrap dealers' plants and this data complements that obtained by Ecoembes (packaging collected in yellow recycling containers, solid waste management plants, composting facilities and supplementary waste collections).

Data from the 2022 study confirm that the recycling rate in this year reached

**56,1%**



# 2 DIRECT DIDACTICS (DIDI)

'DIDI' or 'Direct Didactics' is a strategy designed by **ARPAL** over more than a decade ago. It consists of direct transmission by **ARPAL**, to different collectives, of the importance of the recycling of aluminium packaging. Once they have been trained, they pass on the message in different forums, thereby creating a chain of awareness-raising and knowledge about aluminium recycling.

This strategy contemplates:

- Training for Trainers
- Educational Workshops
- The creation of resources for information and education



# 3 LOCAL PARTNERS

**ARPAL** works across the whole of Spain forging alliances with local collaborators (many of them social organisations) in order to be able to develop a large number of programmes on recycling aluminium packaging in the different regions of Spain.

The association also works in conjunction with educational and academic organisations such as universities, schools, preschool centres, etc.

These joint efforts make it possible to set up teaching units and educational workshops that have previously been checked by the educational community.

Additionally, collaboration with other companies and associations makes it easier to co-create value in this sector and to conduct studies that are highly appreciated by the market.



TO BECOME AN **ARPAL** PARTNER, CONTACT:  
[comunicacion@aluminio.org](mailto:comunicacion@aluminio.org)

**ARPAL'S PARTNERS:**

**Andalusia:**  
University of Cádiz, Equa Cádiz, SUPLA Association in Córdoba, AVANZA Association in Sevilla and in Málaga

**Castilla-León:**  
Arte en Lata Ramirín, UBU Verde

**Catalonia:**  
Fundación Trinijove, Barcelona Forum District and Melià Hotels

**Autonomous Community of Madrid:**  
Arte en Lata Ramirín and Paisaje Limpio.

**Mallorca:**  
Environmental Technologies Park in Mallorca (Tirme).

**Autonomous Community of Valencia:**  
Tyrius, the Valencian Association of Housewives and Consumers

**Principality of Asturias:**  
University of Oviedo.

**Basque Country:**  
Aula Ambiental Artigas, Centre for Environmental Education about Waste Material in Bizkaia



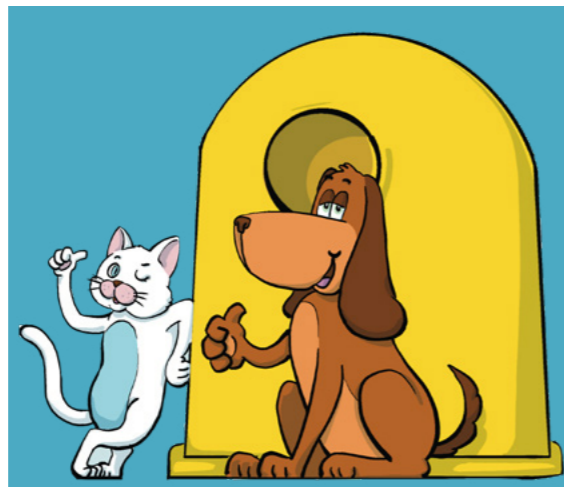
# 4 SPECIFIC PROJECTS

**ARPAL** launches communication projects to promote recycling of a specific type of aluminium packaging such as those focusing on recycling aerosols in hair salons or the project encouraging people to recycle aluminium pet food containers.

Also to spread better knowledge of the sector such as the Glossary of Terminology for Recycling of Aluminium Packaging.



CAMPAIGN TO RECYCLE AEROSOLS IN HAIR SALONS



CAMPAIGN TO RECYCLE ALUMINIUM PET FOOD CONTAINERS



GLOSSARY OF RECYCLING TERMINOLOGY

# 5 WEBSITE AND SOCIAL MEDIA

All the information relating to **ARPAL** is expanded on and updated on the Website of the Association and its respective Social Media:

[www.aluminio.org](http://www.aluminio.org) with 10,000 visits

**f** **ARPAL Aluminio**

3,835 followers, in 2021, more than 17,000 people saw our publications and the site received more than 500 visits. In this period, the interactions with our posts reached 917.

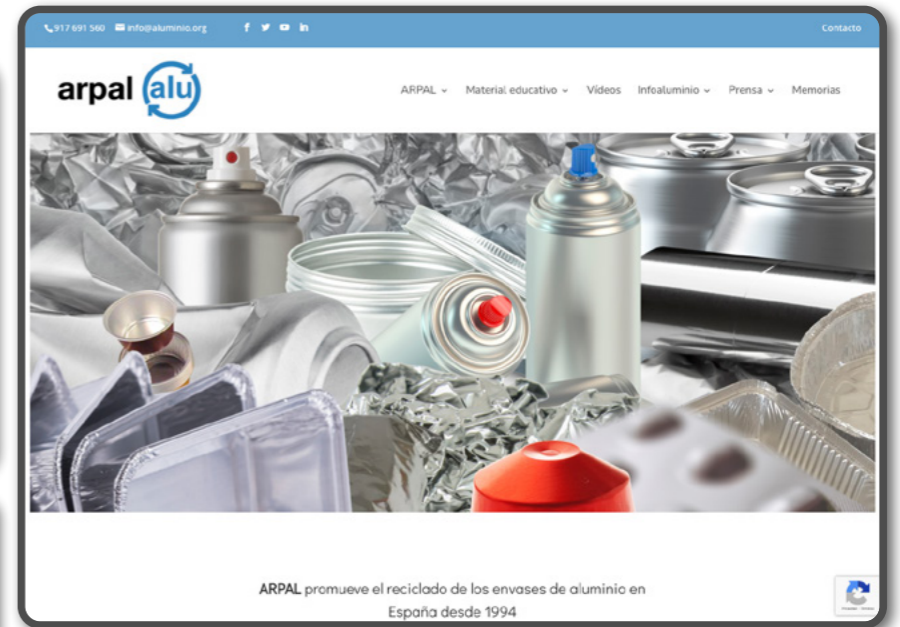
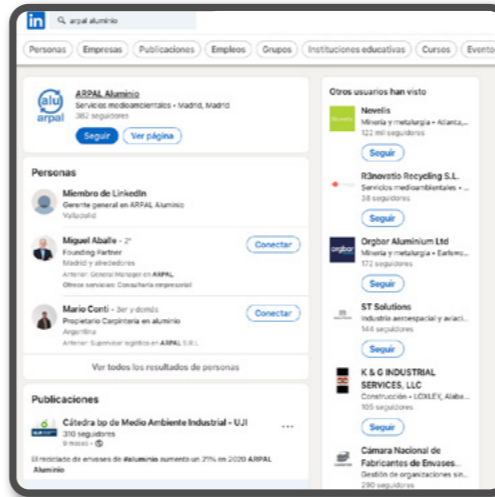
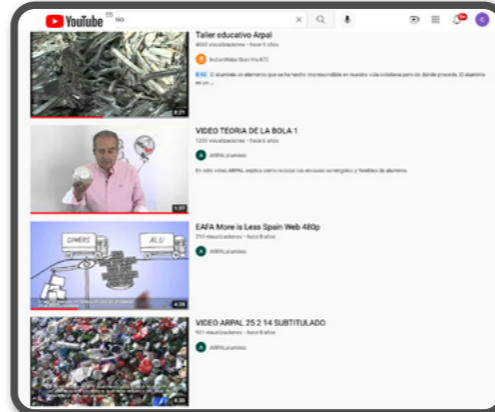
**t** **@recicladoalu**

a community with 641 followers, in 2021, ARPAL's publications were seen a total of 73,690 times and got 1,296 interactions.

**in** **ARPAL Aluminio**

with 375 followers, last year it reached a total of 19,020 impressions and 997 interactions.

**▶** **Canal ARPALaluminio**, with 32 videos about recycling aluminium packaging





# 6 INSTITUTIONAL RELATIONSHIPS

**ARPAL** has direct relationships with other associations, such as refineries, foundries and Collective Systems for Extended Producer Responsibility (ERP).

It represents the aluminium industry in **Ecoembes** and works with other organisations such as the **Spanish Federation of Recovery and Recycling (FER)**, **Paisaje Limpio** ("Clean Countryside"), **Ecovidrio** and others.

At European level, it is part of the **European Aluminium Packaging Group** and collaborates with the **EAFA** (European Aluminium Foil Association).

Furthermore, it maintains permanent contact with government authorities (state, regional and local) and packaging sorting facilities.







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More information:

[www.aluminio.org](http://www.aluminio.org)

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