



CONAI
GREEN
ECONOMY
REPORT
– 2020 –

Highlights

Letter from the President

This edition of our Green Economy and Sustainability Report shows and displays the results achieved in 2020. Overall as far as such a complicated year is concerned, it is impossible not to consider the Covid-19 pandemic crisis that has changed all of our lives.

CONAI has always been assuring the recycling of packaging materials on the Italian market, and in doing so it made our country one of the best European performers in this field. Yet, in addition, it can be said that it has been thanks to our team-working and high-level systemic vision that the health crisis has not been followed by an environmental one earlier in 2020.

Credit for this must undoubtedly go to joint working by all the players in the chain. CONAI's role in it has always been a fundamental one: it keeps making it possible to save natural resources and to generate new secondary raw materials, which are substitutes for virgin raw ones. Still, we must acknowledge the timely action of the consortia and an active collaboration with all the institutions and with the National Association of Italian Municipalities as well.

The 2020 data was a record for our country – 73% of the marketed packaging materials was given a second life, far exceeding existing minimum recycling targets (55%). If we add recovery to recycling – the exploitation of packaging materials as an energy source – the percentage rises to 83.7% of total packaging waste recovered.

Thus, in 2020 alone, 4.4 million tonnes of CO₂ were avoided thanks to the recycling activity carried out by the Consortium, contributing to reducing the national CO₂ emissions.

2020 was also marked by momentous innovations in the regulatory context which prompted us to start a renewal process in the transition towards a circular economy, involving the main stakeholders: institutions, companies, local authorities, citizens and consortia. This was the basis for our decision to focus on what CONAI has generated for each of these stakeholders in our 2020 analysis.

As is now customary, the tool we use to quantify the environmental and social benefits of our work is our Life Cycle Costing Tool, which allows us to calculate the direct and indirect effects of the system.

Finally, we wanted to take a more in-depth look at the positive effects of companies' ecodesign actions – we see them as examples of good practice that are playing a key role.

Worthy of specific mention, the Report reflects a commitment to transparency and involvement as regards stakeholders that is also the basis of the Consortium's EMAS Environmental Policy. This is also well shown in the decision to use a reporting model consistent with GRI criteria included in the wider context of the 2030 Sustainable Development Agenda.

**CONAI President
Luca Ruini**



TABLE OF CONTENTS

Packaging
for the
ecological
transition

pag. 4

The contribution
of CONAI
and Packaging
Material Consortia
to the **ecological
transition**

pag. 11

National
**recycling
performance**

pag. 16

CONAI for ...

- companies
and associations
- local area
and citizens
- institutions
- Packaging
Material Consortia
and EPR system

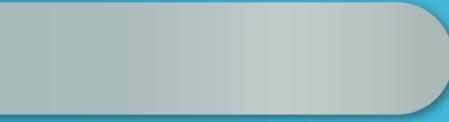
pag. 19

How CONAI
**EPR Organization
works**

pag. 30

Materiality
matrix
for GRI

pag. 32



Packaging

for the ecological transition

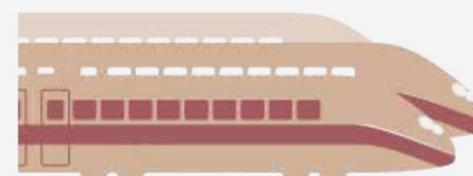
THE CONTRIBUTION OF THE CONAI EPR ORGANIZATION TO THE ITALIAN CIRCULAR ECONOMY: MATERIAL SAVINGS AND LANDFILL AVOIDED

In 2020, packaging waste sent for recycling by the CONAI EPR Organization meant **approx. 4.6 million tonnes of virgin primary material did not need to be used**, equivalent to the weight of **460 Eiffel towers**.



Primary material saved equal to the weight of **460 Eiffel towers**

Approximately 8 entire medium-sized-landfills-worth of waste was avoided each year, preventing increasing quantities of materials from ending up in landfill each year.



278,000 tonnes of steel
equivalent to 722 high-speed trains



16,000 tonnes of aluminium
equivalent to 1.5 billion cans



1,233,000 tonnes of paper
equivalent to 494 millions reams
of A4 paper



830,000 tonnes of wood
equivalent to 38 million pallets



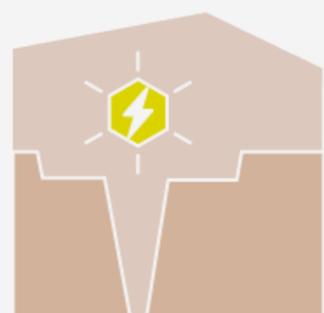
470,000 tonnes of plastic
equivalent to 10 billion one-litre PET
detergent bottles and the like



1,804,000 tonnes of glass
equivalent to 5 billion 0.75 litre wine bottles

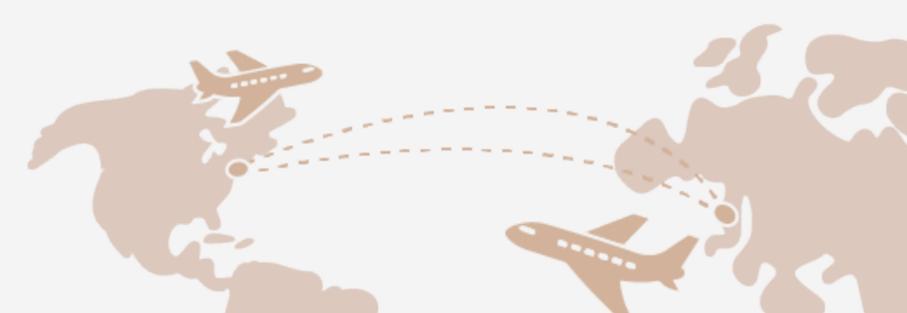
THE CONTRIBUTION OF THE CONAI EPR ORGANIZATION TO CLIMATE NEUTRALITY: ENERGY SAVED, CO₂ EMISSIONS AVOIDED

In 2020, packaging recycling ensured by the **CONAI EPR Organization** led to **24 TWh less primary energy being consumed**, equivalent to the primary energy consumption required to satisfy the average Italian domestic electricity consumption of approx. 7 million households.



Primary energy saved equivalent to the domestic consumption of **7 million** Italian households

The CONAI EPR Organization's efforts led to **4.4 million fewer tonnes of CO₂eq being emitted into the atmosphere**, equivalent to the emissions generated by **almost ten thousand Rome-New York round-trip flights**.

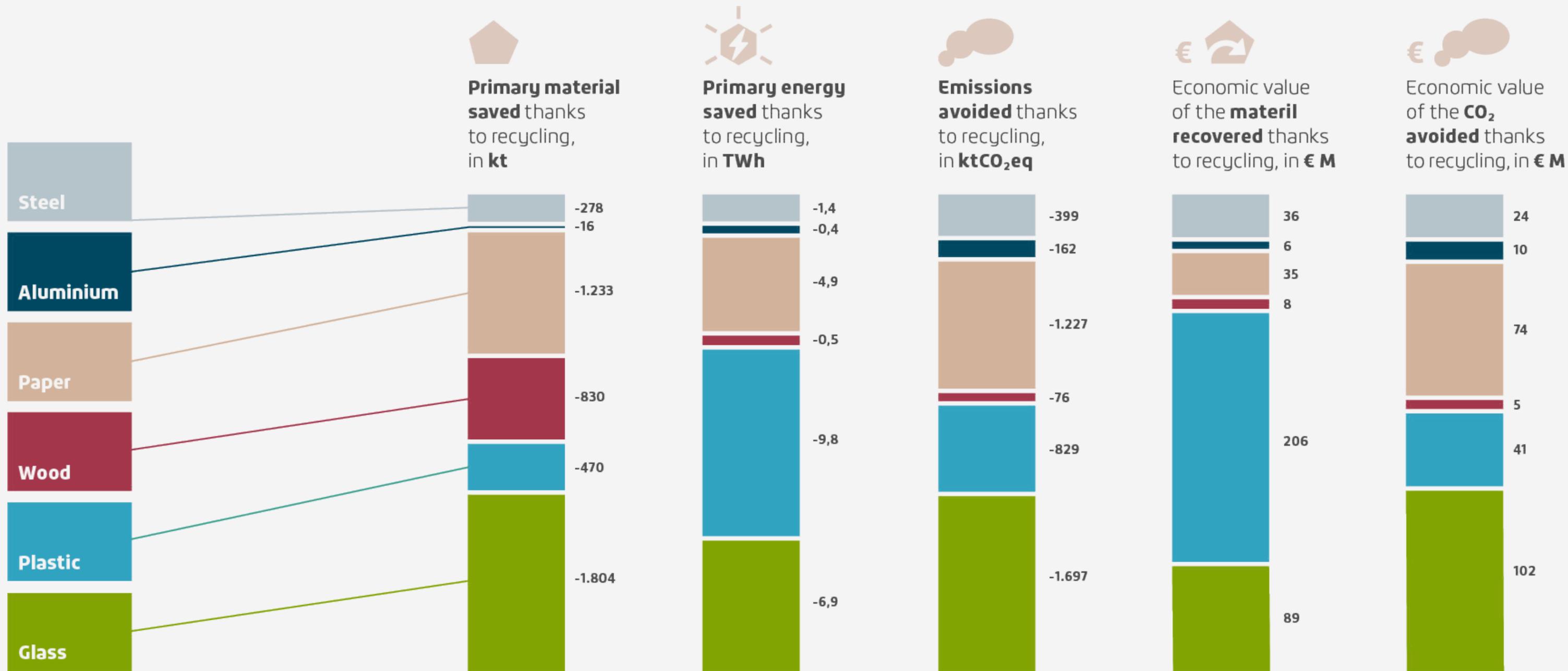


CO₂ emissions avoided equivalent to the emissions generated by almost **10 thousand** Rome-New York round-trip flights

In 2020, the **direct economic benefits** of the Consortium activities far exceeded its costs and **were worth more than one billion euros, twice as much as in 2005**.



ENVIRONMENTAL AND ECONOMIC BENEFITS OF MANAGEMENT OF THE SIX PACKAGING MATERIAL CONSORTIA IN 2020

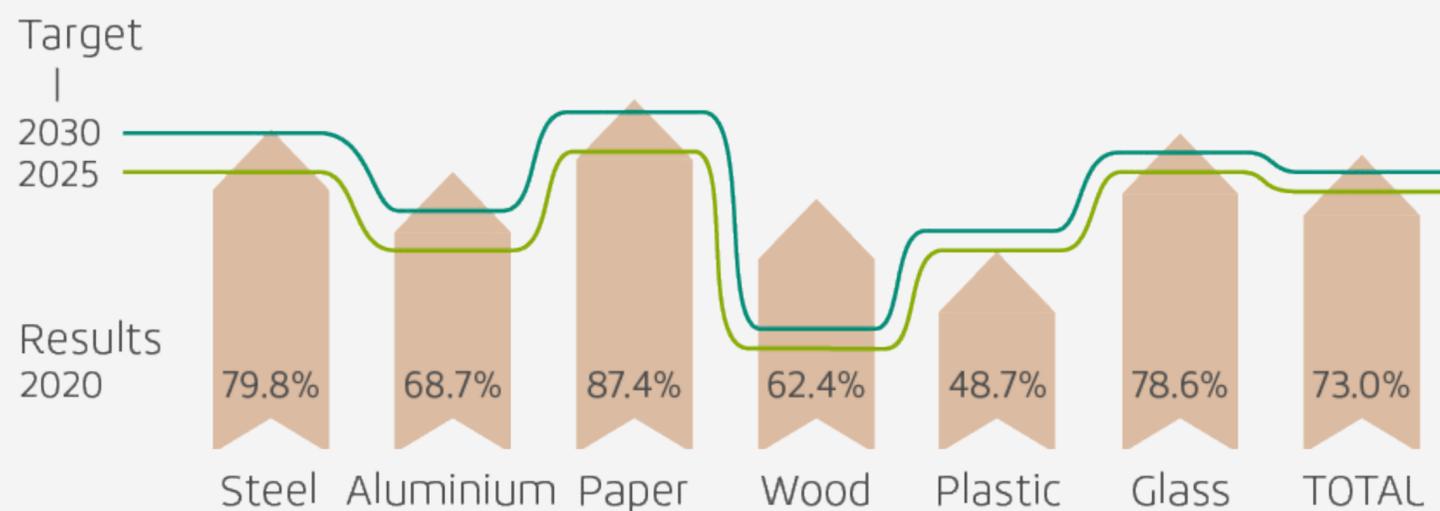


Source: CONAI LCC Tool

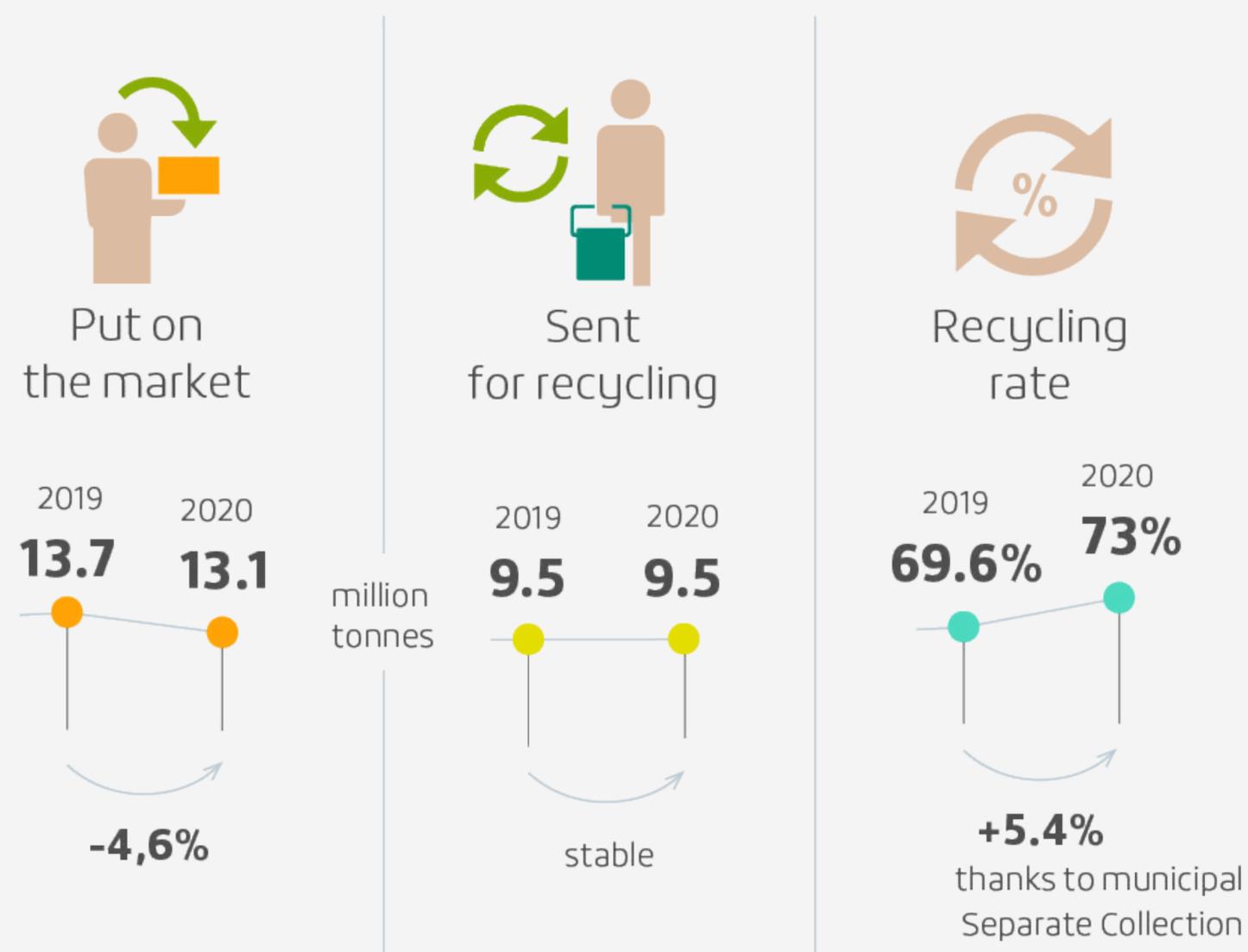
73% OF PACKAGING RECYCLED IN 2020, DESPITE THE PANDEMIC

More than 9 million tonnes of packaging was recycled in 2020, despite the pandemic causing the quantities put on the market to plummet.

The CONAI supply chain kept going, despite Covid. The packaging recycling rate in 2020 was **73%**, exceeding the 2025 target of 65%. Separate waste collection of packaging from municipalities never ground to a halt, even during the most critical months of the pandemic, thanks to the contribution of CONAI and the Packaging material consortia. Quantities decreased in 2020 (-4.6% compared to 2019), mainly due to a lack of packaging for the commercial and industrial sectors and a decrease in hotel, bar and restaurant waste disposal. **CONAI and the Packaging Material Consortia** once again demonstrated **their subsidiary free market role**, a full-blown **added value for the entire recycling** and packaging waste recovery chain. **CONAI**, after all, is the **entity which ensures that European Union recycling targets** – 65% by 2025 – can be achieved.



THE ONSET OF A WASTE EMERGENCY WAS AVERTED THANKS TO EFFECTIVE JOINT WORKING BETWEEN CONAI AND THE CONAI EPR ORGANIZATION, NATIONAL AND LOCAL INSTITUTIONS AND INDUSTRY OPERATORS.



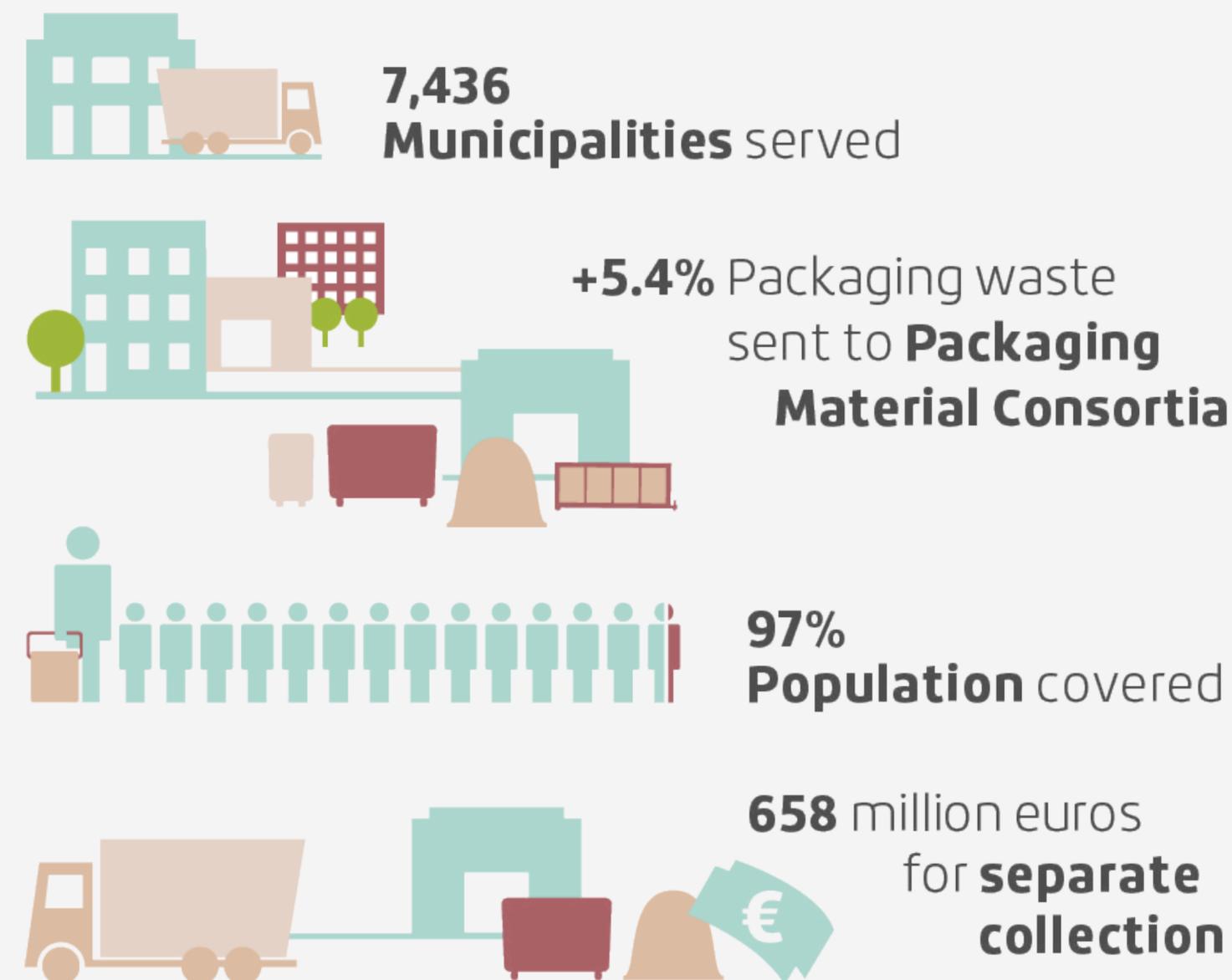
ANCI-CONAI FRAMEWORK AGREEMENT RECONFIRMED: IN 2020, 97% OF THE POPULATION COVERED AND €658 MILLION IN COMPENSATIONS DISBURSED

With the extension of the ANCI-CONAI Framework Agreement, **CONAI's support for Italian municipalities was confirmed**, guaranteeing the recycling of packaging waste and payment of compensations for the additional cost of separate collection.

The joint working with municipalities that began years ago with the ANCI CONAI Framework Agreement has been the driving force behind the growth in municipal waste recycling, aimed at separating and recycling other materials, too, first and foremost organic waste, with significant positive environmental and economic effects.

The Framework Agreement between CONAI and the National Association of Italian Municipalities (ANCI), provided for by art. 224 of Legislative Decree 152/2006, is voluntary and allows municipalities to sign up to an agreement that commits them to collecting packaging waste separately and delivering the six materials to the competent packaging material consortia. The consortia, in turn, agree to accept the material, process it and subsequently send it off for recycling, and to pay compensations linked to the quantity and quality of the material delivered, to cover the additional cost of separate collection.

The 2020 data are the demonstration of an Framework Agreement rooted throughout the country



FOUNDATION OF BIOREPACK, THE FIRST EPR CONSORTIUM FOR BIODEGRADABLE AND COMPOSTABLE PLASTIC IN EUROPE

At the end of 2020, **BIOREPACK**, the “National Consortium for the organic recycling of biodegradable and compostable plastic packaging”, joined the CONAI EPR Organization.

Italy thus became **the first extended producer responsibility system in Europe to have a bioplastic packaging consortium under its umbrella.**

CONAI facilitated the operational start-up of the new consortium.

In 2019, according to surveys by the Italian Packaging Institute, **more than 75,000 tonnes of bioplastic packaging** were put on the market: 85% shopping bags, 12% film and ultralight bags for fruit and vegetables, 3% plates, glasses, film, containers, closures. In 2020, there was a decline of approx. 2%, primarily due to a decline in shopping bags (approx. -1%)





The contribution of CONAI
and the Packaging material consortia
to the **ecological transition**



THE CONTRIBUTION OF CONAI AND THE PACKAGING MATERIAL CONSORTIA: MATERIAL SAVED

15

LIFE ON LAND



A SAVING OF OVER 55 MILLION TONNES OF PRIMARY MATERIAL OVER 16 YEARS

The quantity of materials deriving from virgin raw materials saved thanks to the use of secondary raw materials obtained from waste sent for recycling by the various Packaging Material Consortia can be measured with the LLC Tool. Thanks to an increase in quantities of packaging waste sent for recycling by the CONAI EPR Organization, the amount of primary material saved has increased over time, from approx. 2.5 million tonnes of materials saved in 2005 to over 4.6 million tonnes in 2020, **generating a cumulative saving over the entire period of over 55 million tonnes of primary material.**

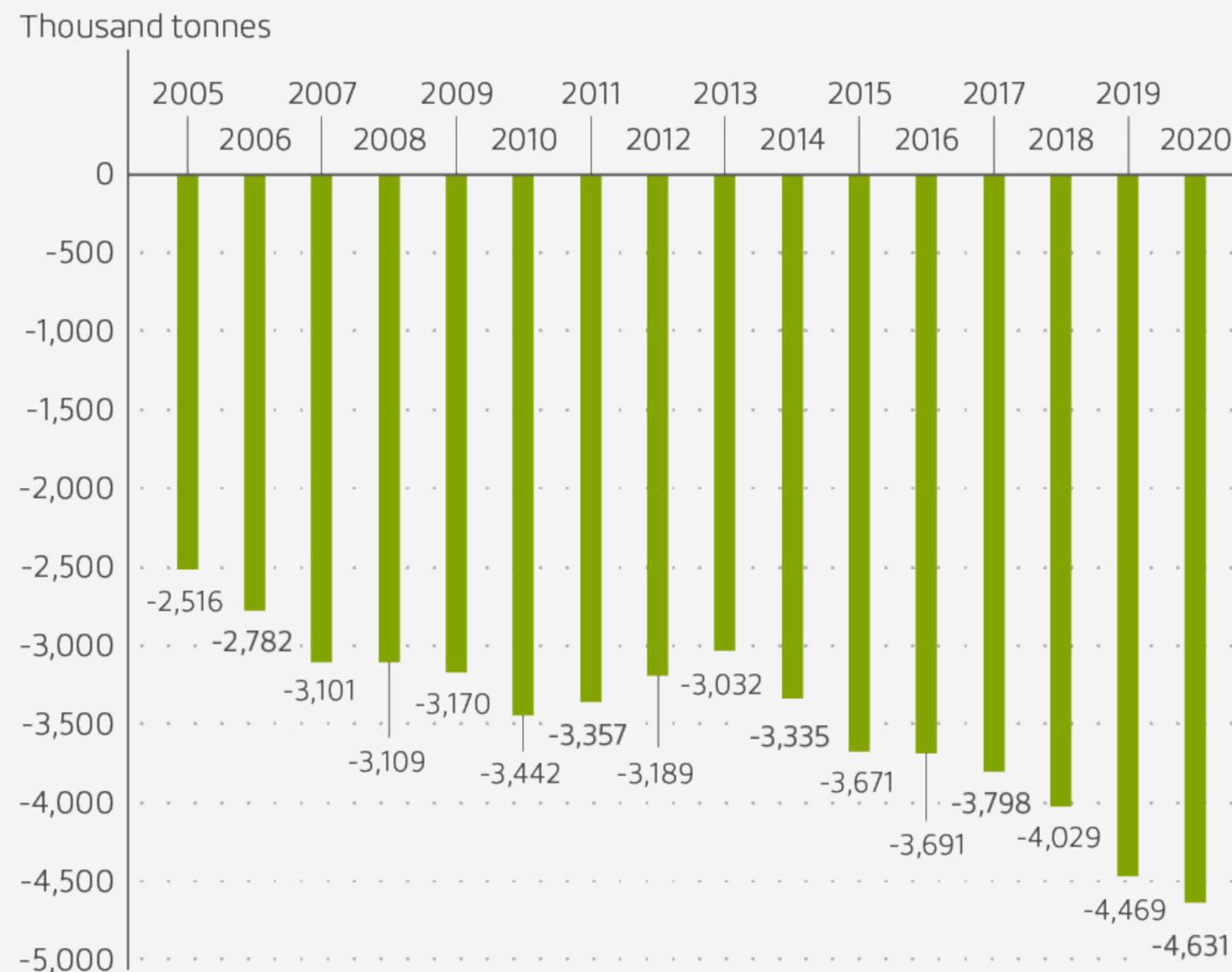
RAW MATERIAL SAVED

Consolidated 2005/2020: **55 M t**

2020: **4.6 M t**

Primary material saved thanks to consortium management recycling from 2005 to 2020

Source: CONAI





THE CONTRIBUTION OF CONAI AND THE PACKAGING MATERIAL CONSORTIA: ENERGY SAVED

7 AFFORDABLE AND CLEAN ENERGY



THE ENERGY SAVINGS RESULTING FROM PACKAGING RECYCLING MANAGED BY THE CONAI EPR ORGANIZATION MORE THAN DOUBLED FROM 2005 FIGURES.

The primary energy saved through recycling corresponds to the amount of energy from fossil sources not consumed as a result of secondary raw materials being used to create goods instead of materials derived from virgin raw materials. Overall, from 2005 to 2020, packaging recycling by the CONAI EPR Organization allowed Italy to consume approx. **270 TWh** less primary energy, recording a constantly growing trend, even during the economic slowdown and partial reduction of the quantities of packaging waste on the market.

PRIMARY ENERGY SAVED

Consolidated 2005/2020: **270 TWh**

2020: **23.9 TWh**

Primary energy saved thanks to consortium management recycling from 2005 to 2020

Source: CONAI



THE CONTRIBUTION OF CONAI AND THE PACKAGING MATERIAL CONSORTIA: GREENHOUSE GAS EMISSIONS AVERTED



13 CLIMATE ACTION



EMISSIONS AVERTED IN 2020 WERE MORE THAN DOUBLE 2005 FIGURES AND CUMULATIVELY AMOUNTED TO OVER 48 MILLION TONNES OF CO₂EQ OVER 16 YEARS

In 2020, preparations for the recycling of the packaging waste managed by the CONAI EPR Organization consumed 1.4 TWh of energy.

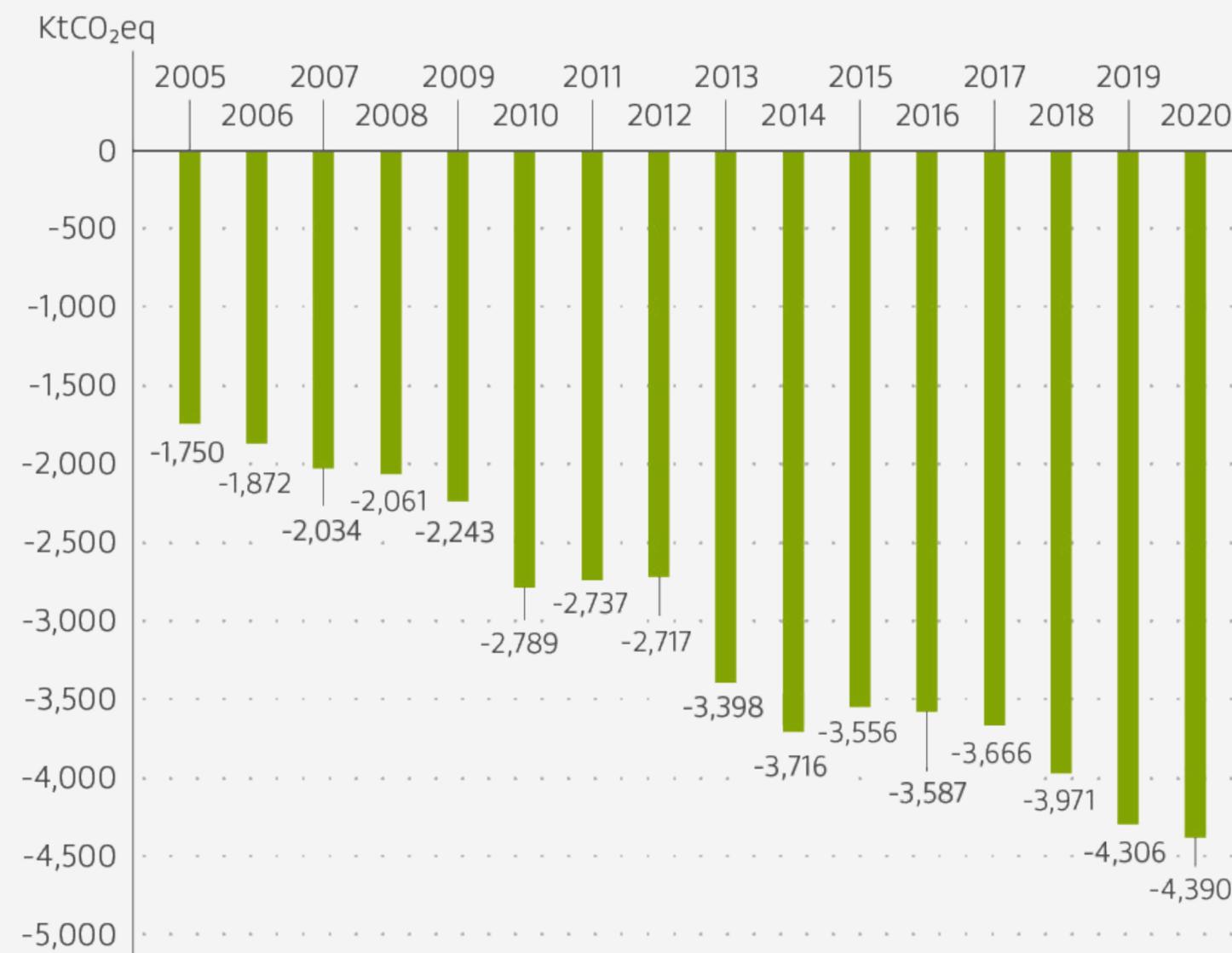
Consuming and transporting materials from the delivery platforms to the recycling plant generated 580 thousand tCO₂eq emissions. At the same time, **the CONAI EPR Organization activities reduced emissions into the atmosphere by more than 4 million tons of CO₂eq.**

GREENHOUSE GAS EMISSIONS AVOIDED

Consolidated 2005/2020: **48.8 M t**

2020: **4.4 M t**

Greenhouse gas emissions avoided thanks to consortium management recycling from 2005 to 2020 Source: CONAI





THE CONTRIBUTION OF THE CONAI EPR ORGANIZATION TO POST-PANDEMIC ECONOMIC RECOVERY

8 DECENT WORK AND ECONOMIC GROWTH

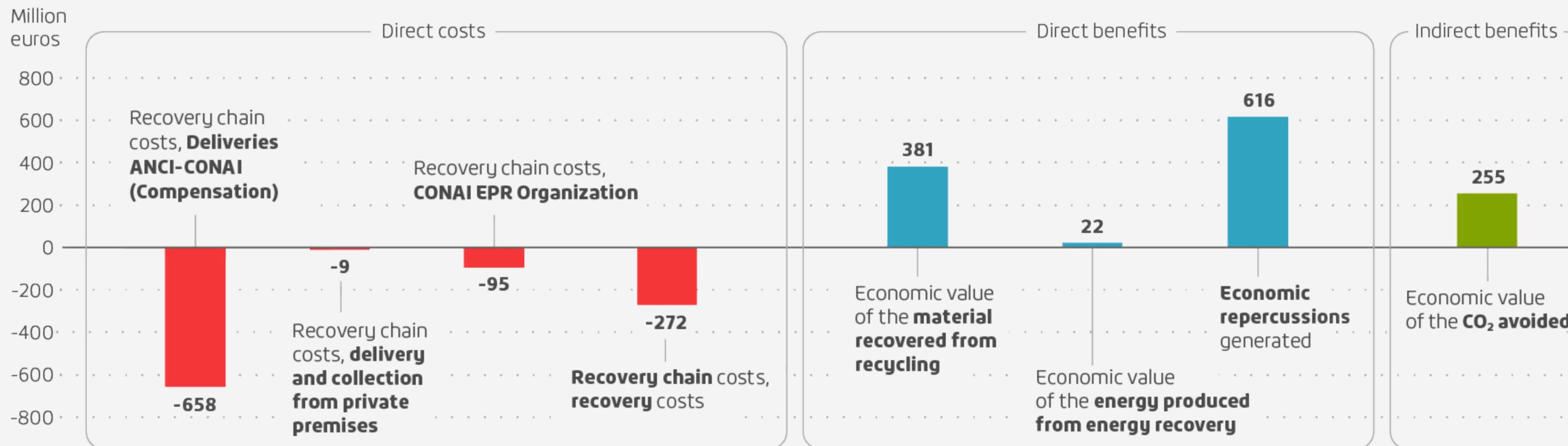


The direct costs of the CONAI recovery chain amounted to just over one billion euros in 2020. From 2005 to 2020, the supply chain incurred total costs of 8 billion euros. The economic benefits directly related to Consortium activities topped one billion euros in 2020, and amounted to a total of 12.8 billion euros from 2005 to 2020. The indirect benefits, on the other hand, consisted of CO₂ avoided and amounted to 255 million euros in 2020: from 2005 to 2020 these benefits amounted to a total of 1.5 billion euros.

IN 2020, THE DIRECT AND INDIRECT ECONOMIC BENEFITS OF THE CONAI EPR ORGANIZATION'S ACTIVITIES EXCEEDED THE DIRECT COSTS OF THE RECOVERY CHAIN. THE NET REVENUE-COST BALANCE WAS 240 MILLION EUROS.

Costs and economic benefits of consortium management in 2020

Source: CONAI



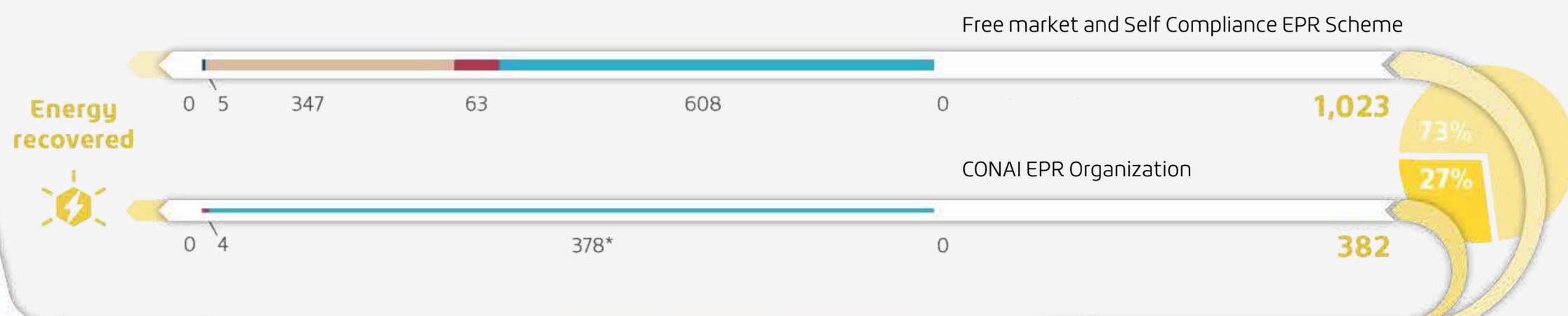


National
recycling performance

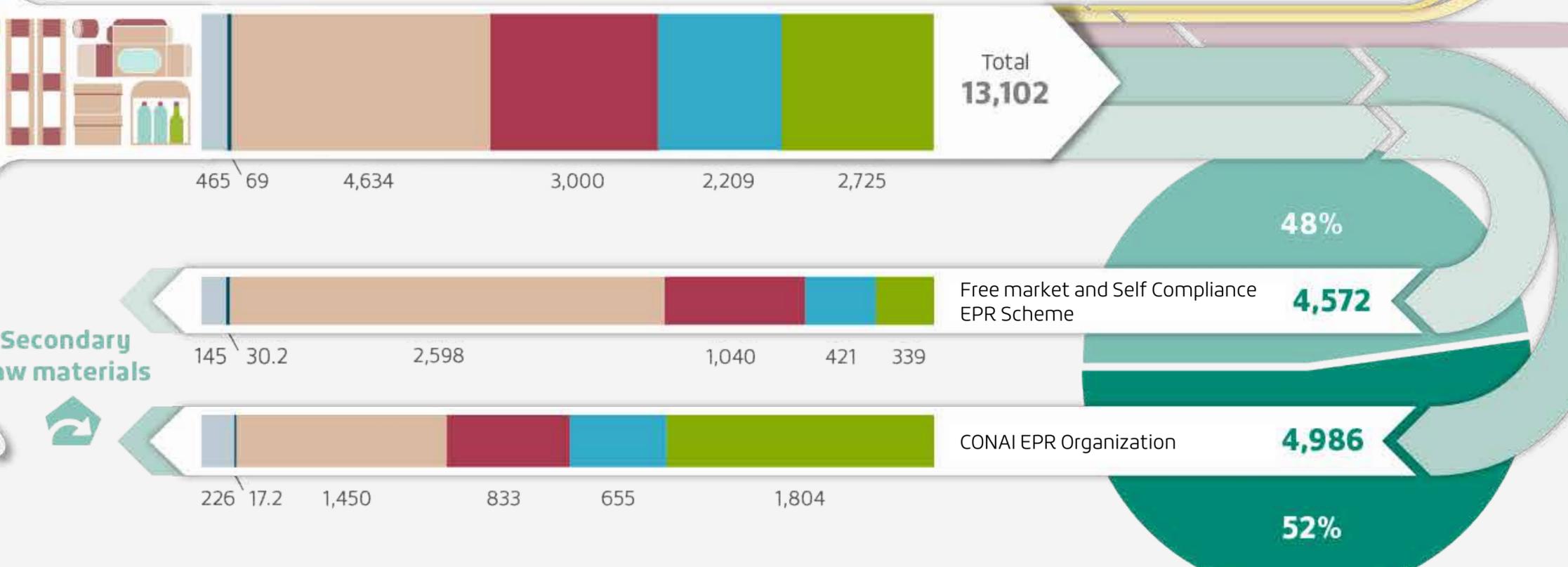
PACKAGING WASTE FLOWS

PACKAGING PUT ON THE MARKET

Thousand tonnes



Energy recovery
Total **1,405**



Disposal in **landfill** or **incinerator**
Total **2,139**

Packaging recycling
Total **9,558**

- Steel
- Aluminium
- Paper
- Wood
- Plastic
- Glass

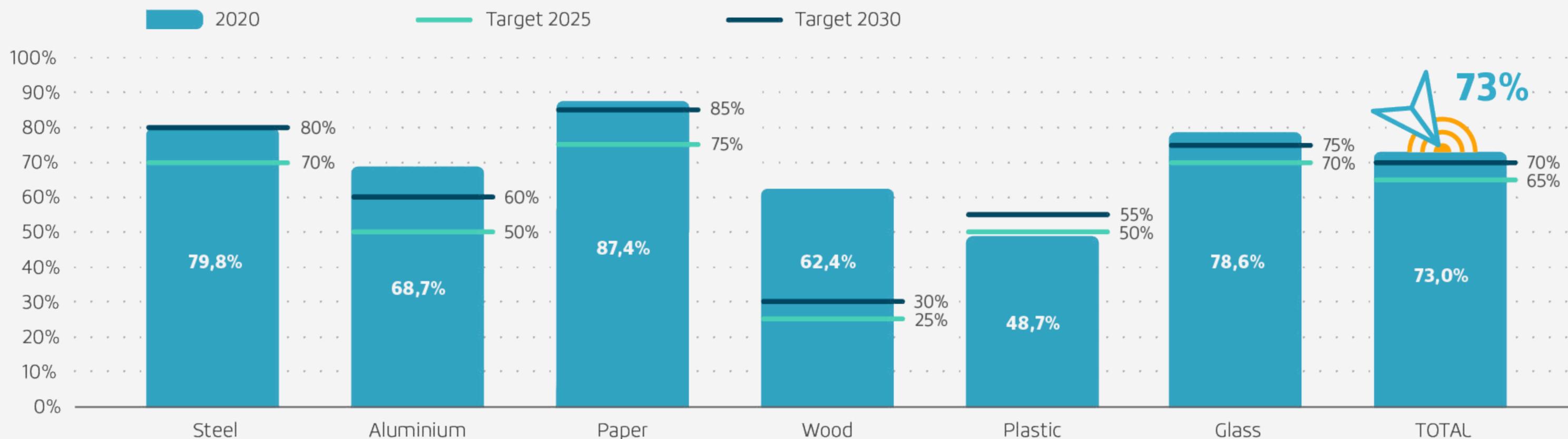
* excluding the share of the extraneous part equal to 82 kt

ITALY'S PERFORMANCE AND NEW RECYCLING TARGETS

In 2020, Italy's achievement of its new national packaging waste recycling targets was confirmed. Plastic waste alone lagged slightly behind at 48.7% against a target of 50% by 2025.

With more than 9.5 million tonnes collected and sent for recycling out of a total of 13 million put on the market, equivalent to 73%, in 2020 Italy exceeded 2025 65% post-consumption packaging recycling targets by a grand total of 8 percentage points and 2030 targets by 3 percentage points.

Recycling rates of packaging waste by Packaging material consortia in 2020 in relation to the 2025 and 2030 European targets Source: CONAI



CONAI for ...

- companies and associations
- local area and citizens
- institutions
- Packaging material consortia and EPR systems

CONAI FOR COMPANIES AND ASSOCIATIONS: PREVENTION IS THE PRIORITY

European directives and new targets mean a quality quantum leap for companies.

What contribution can Conai make?

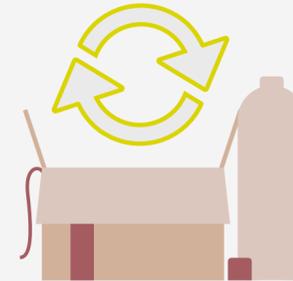
CONAI has historically worked in conjunction with public bodies, municipalities and companies specialising in recovering and recycling materials, playing a fundamental role in the achievement of positive packaging recycling data: this has allowed CONAI to gain extensive experience regarding supply chain needs and problems which must be made available to companies to guide them in their packaging design and choice processes.

We are moving in the right direction as regards responding to the challenges posed by Decree 116/2020

Italian Legislative Decree 116 requires significant efforts by companies to update their packaging, generating great uncertainties regarding the interpretation of the reference legislation. CONAI's expertise has enabled it to establish itself as a technical interface between the ministry and companies, developing agile tools such as guidelines, organising several webinars, and continuously updating the FAQs on its website, to answers as many company questions as possible. Active company involvement in the development of the guidelines and subsequent tools was new and extremely positive. CONAI intends to continue to develop and consolidate this technical company support and guidance role with further specialist training, new tools and technical discussion initiatives.

Franco Mutti industrial Director of the Parmalat Group

CONAI Board Member and Coordinator of the CONAI Prevention Working Group



CONAI PROMOTES ACTION TO INCREASE PACKAGING RECYCLABILITY AND REUSABILITY VIA NUMEROUS PREVENTION INITIATIVES

-  Ecodesign call
-  The potential of prevention
-  E-label platform
-  CONAI Academy

Other resources on:

<https://www.conai.org/en/prevention-and-eco-design/>

CONAI FOR COMPANIES AND ASSOCIATIONS: PREVENTION IS THE PRIORITY



CONAI ECODESIGN CALL

The **CONAI call for packaging ecodesign in the circular economy – Promoting environmental packaging sustainability**, with the patronage of the Ministry of Ecological Transition (MITE), is an initiative which has been rewarding the most innovative and eco-sustainable company packaging solutions on an annual basis since 2014. Increasing numbers of companies have received CONAI awards as part of the Eco-Design Call for investment in environmental packaging sustainability, by adopting one or more eco-design levers since 2014. **In 2020, CONAI handed out awards** to 160 of the 289 submitted, **a total of 500,000 euros in prize money**, 40,000 euros of which consisted of incentives for the most virtuous cases of circular innovation. **The increase in the number of recycling facilitation intervention cases to 44 (from 9 in 2019)** demonstrates an increasing focus on packaging recyclability amongst companies.

Average environmental benefits of the 2020 Call cases



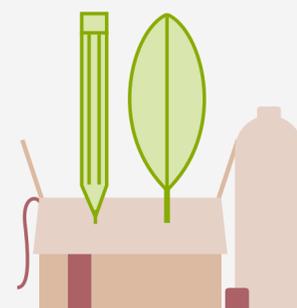
- 21% CO₂ emissions



- 19% Water consumption



- 18% Energy consumption



AN IMPORTANT COMPANY PACKAGING ECO-DESIGN PROMOTION OBSERVATORY

Participation in and prize money of the CONAI ecodesign call 2014-2020



SATISFACTORY RESULTS GIVEN THE 2020 CONTEXT: +18% APPLICATIONS COMPARED TO THE PREVIOUS YEAR

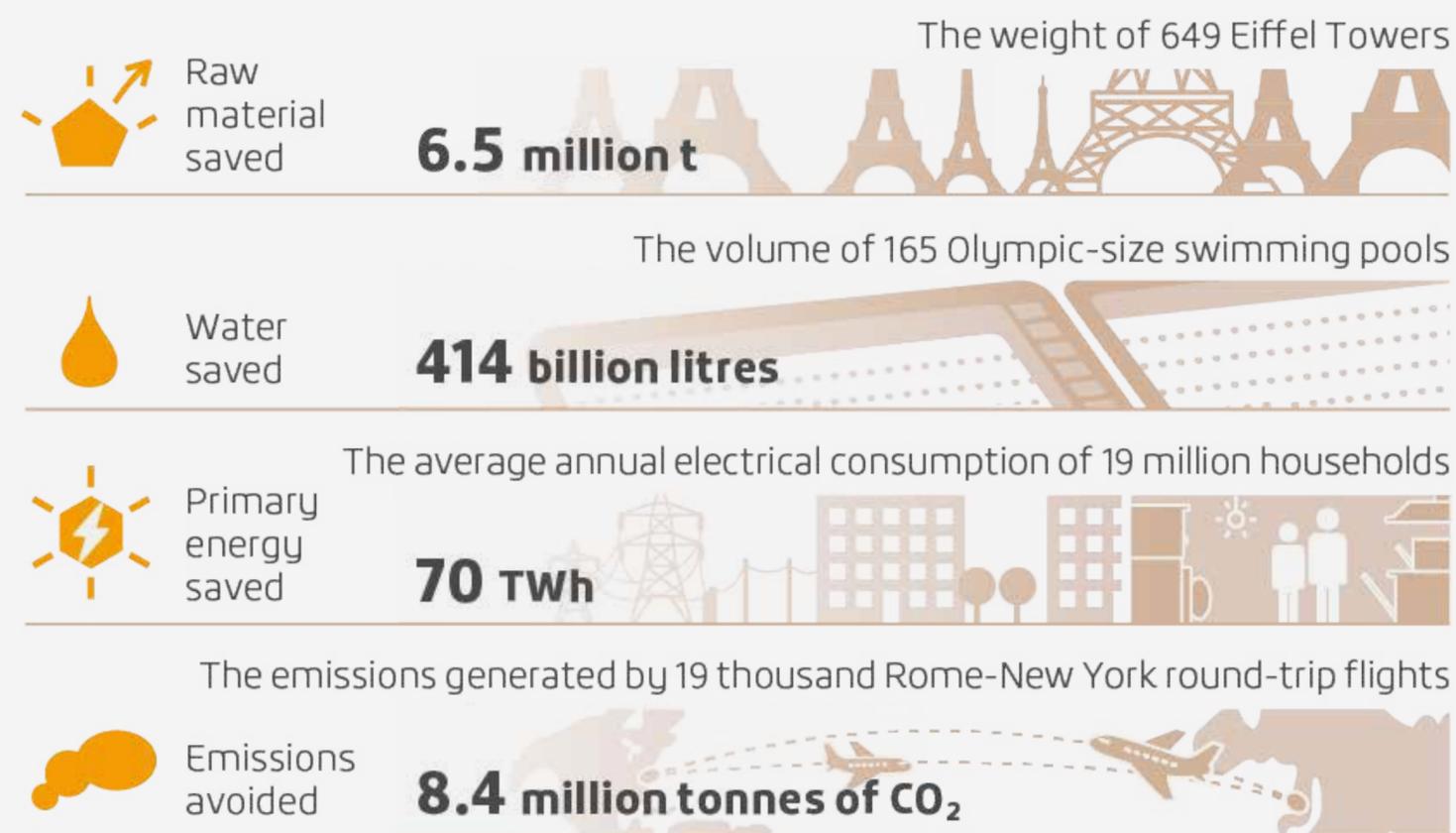
CONAI FOR COMPANIES AND ASSOCIATIONS: PREVENTION IS THE PRIORITY

THE POTENTIAL OF PREVENTION

For several years now, CONAI has been promoting an **Eco Tool for the use of consortium member companies taking part in the CONAI eco-design call whose functioning is validated by third party certification body DNV**. Via a simplified LCA analysis, **the Eco Tool** allows the **effects of preventative company packaging action** to be calculated, **including the environmental benefits in terms of energy and water savings and reductions in CO₂ emissions**. Data and information has now been extracted from the now extensive CONAI Eco Tool database relating to the latest CONAI Eco-design Call editions to estimate the potential environmental benefits of the dissemination of the best practices implemented by packaging producers and users in Italy. The analysis was based on **a sample of over 240 cases**, representative of the sort of products typically found in Italian shopping carts, including primary and secondary/tertiary packaging, **on which approx. 270 eco-design interventions had been carried out**. Most of the prevention measures concerned primary packaging, such as bottles, detergent containers, biscuit bags and cosmetic cases, but also caps, closures and labels. In other cases, eco-design measures concerned the entire packaging system, for example by working on optimising logistics, also impacting on secondary and tertiary packaging product material savings for goods transport and handling (e.g. pallets, boxes, displays and palletisation film). The starting assumption for the analysis was that all product packaging in the products identified and sold in Italy had been redesigned along the lines of the case studies mapped through the CONAI Eco-design Call. To this end, the average environmental benefits generated through the application of eco-design levers were calculated for each type of packaging considered. These improvements were then multiplied by the number of items sold, based on analysis of the packaging marketed, by material and product category, for the year 2019.

PREVENTION HAS IMPORTANT ENVIRONMENTAL BENEFITS POTENTIAL

Environmental benefits of prevention activities estimated by the analysis



Source: Conai and Foundation for Sustainable Development estimate on data from Call, Italian Packaging Institute and LCC Tool

CONAI FOR COMPANIES AND ASSOCIATIONS: PREVENTION IS THE PRIORITY



DESIGN FOR RECYCLING, DESIGN FOR RECYCLING GUIDELINES AND ECOD TOOL

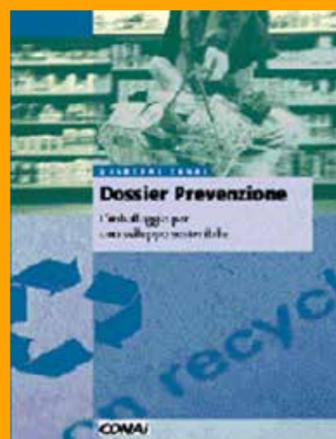
The Guidelines to facilitate the recycling of packaging, implemented by CONAI with the support of packaging material consortia and leading Italian design universities are available **on the Design for Recycling web platform www.progettarericiclo.com**. The purpose of these documents is to provide effective design guidance for companies seeking to increase packaging traceability. In 2020, the **Plastic and aluminium packaging design guidelines were supplemented by paper and cardboard packaging guidelines.**

In addition, the **EcoD Tool**, an eco-design **environmental packaging assessment and improvement action simulation tool**, was made available.



PREVENTION DOSSIER

Since 2001, CONAI has been publishing a Prevention Dossier every three years, containing over **500 cases of eco-sustainable packaging best practices** implemented by **more than 280 innovative companies.**



2001



2004



2007



2010



2013



2016



2019

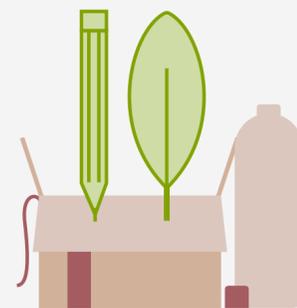
CONAI FOR COMPANIES AND ASSOCIATIONS: PREVENTION IS THE PRIORITY

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



THE CONAI LABEL PLATFORM

Legislative Decree 116 of 2020 introduced **mandatory environmental packaging labelling**. In order to answer the many questions raised by companies, CONAI has developed a **conai label** platform on this topic, bringing its company support tools together. The **Guidelines on mandatory environmental labelling** are available on the platform. **Voluntary environmental labelling guidelines**, currently at the public consultation phase, are also available, as is the **e-label tool** designed to help companies identify the information they need to correctly construct their environmental labels.



909 REQUESTS MANAGED THROUGH THE EMAIL ADDRESS EPACK@CONAI.ORG IN 2020, ESPECIALLY ON QUESTIONS RELATED TO THE NEW MANDATORY ENVIRONMENTAL LABELING FOR PACKAGING, EFFECTIVE 26 SEPTEMBER 2020.

Source: CONAI estimate



CONAI FOR COMPANIES AND ASSOCIATIONS: PREVENTION IS THE PRIORITY



TRAINING AND INFORMATION: CONAI ACADEMY FOUNDED

CONAI Academy is a new **digital webinar implementation environment** designed to establish dialogue with stakeholders, companies and trade associations, promote the Consortium's activities through bottom-up communication and support its stakeholders through ongoing interaction. Scheduling webinars and developing its academy has enabled CONAI to promote its activities, leverage its know-how consisting of research, expertise and materials produced over time, and create a community supporting greater dialogue with all direct or indirect stakeholders.

A database of over 9,700 companies designed to create a true community of companies has been built.

The **webinars** have focused in particular on **environmental packaging labelling** guidelines, sharing tools and possible responses to the new environmental labelling laws with the companies involved.



In **2020, two webinars** on the environmental packaging labelling were organised:

28 Oct. "Environmental Labeling of Packaging - User Manual"

1,800 participants

16 dic. "Environmental Labeling of Packaging - The Legislation in our View"

2,800 participants

The Academy's activities continued in 2021, touching on other topics of interest to businesses, and are expected to continue on a three-year plan basis

CONAI FOR THE LOCAL AREA AND CITIZENS

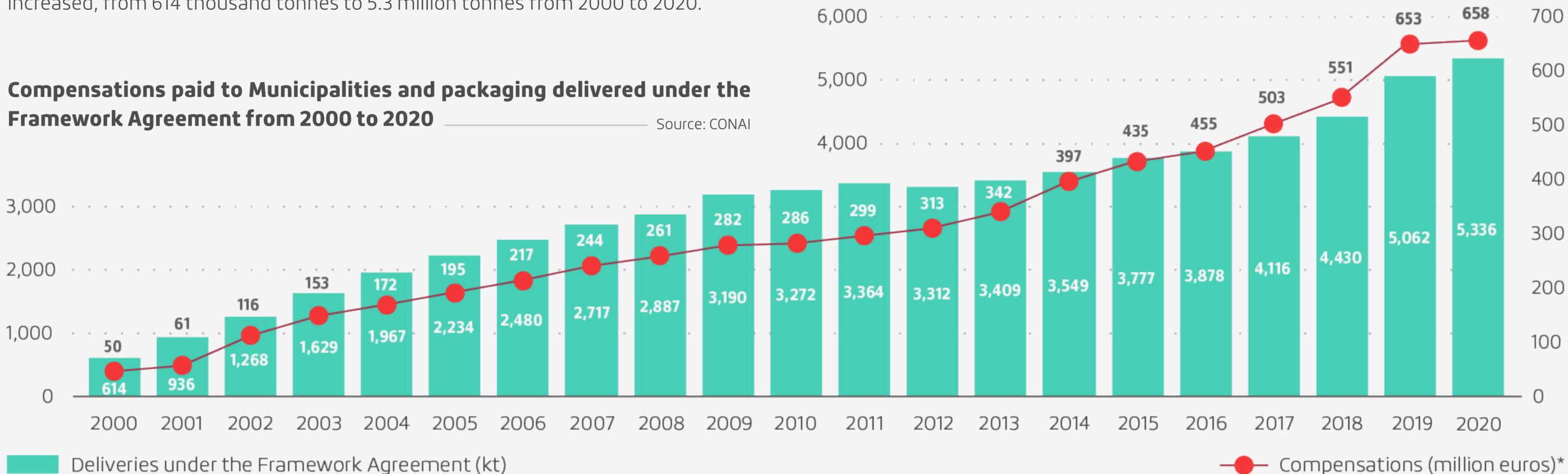
CONAI SUPPORT FOR SEPARATE COLLECTION

Compensations paid to municipalities by the Packaging material consortia is the tool via which CONAI promotes packaging waste SC growth. The total compensations paid to affiliated municipalities for packaging waste delivered grew significantly from 2000 to 2020: over 20 years, the system has paid local municipalities 6.6 billion euros. The quantities of packaging waste delivered by affiliated municipalities also increased, from 614 thousand tonnes to 5.3 million tonnes from 2000 to 2020.



BETWEEN 2000 AND 2020 THE COMPENSATIONS PAID TO MUNICIPALITIES INCREASED 13-FOLD AND THE PACKAGING WASTE DELIVERED 8-FOLD

Compensations paid to Municipalities and packaging delivered under the Framework Agreement from 2000 to 2020 Source: CONAI



* net of costs for collection from private premises

CONAI FOR THE LOCAL AREA AND CITIZENS

CONAI'S COMMITMENT TO THE LOCAL AREA

In 2020, the Consortium allocated 1.2 million euros to local projects affecting more than 8 million citizens, for the purposes of promoting and facilitating the development of packaging waste management or recycling-oriented systems, pursuing intervention policies consistent with the varying situations across the country. The available resources are thus allocated to individual local projects on the basis of requests for support from local areas, which have been verified before being accepted in accordance with a system managed through the new **Guidelines for Local and Experimental Projects since 2018**.

Areas of intervention of CONAI local projects in 2020



1 BILLION EUROS INVESTED BY CONAI IN LOCAL PROJECTS TO SUPPORT AREAS IN LAGGING BEHIND: 80% OF THE EXPENDITURE FOR LOCAL PROJECTS INCURRED IN 2020

CONAI FOR INSTITUTIONS

INFORMATION, TRAINING AND AWARENESS-RAISING CAMPAIGNS

Raising public awareness of environmental culture and education focusing on the importance of separate collection, recycling and recovery of packaging materials is a key CONAI priority.

It is a role that derives directly from legal provisions entrusting CONAI with organising the information campaigns deemed necessary for the achievement of its packaging recycling and recovery objectives, which are the responsibility of the CONAI EPR Organization in agreement with the public administration.

Citizens play a key role in the recycling process; without appropriate household wasteseperationtheentirematerialcollectionandrecoveryssystemcannotfunction properly. In 2020, CONAI's activity plan adapted to the constraints ushered in by the health emergency: events were in digital format, transformed into webinars or streaming conferences.

Green Jobs 2020 with the University of Basilicata

Second online edition. **4 weeks** - from 22 June to 17 July 2020 - of specialised post-graduate training on waste management were provided, with live streaming lectures lasting an hour and a half by qualified experts on environmental issues, final assessment tests and certificates for the **80 participants taking part**, recent graduates in engineering, science, technology and law aged 25 to 30 selected via a call for applications.



Green Jobs 2021 with the University of Palermo

At the end of 2020, a partnership with Palermo University was initiated to create a further post-graduate training course for the first half of 2021.

Definition of the ranking list for the **80 participants (313 applications received)**.

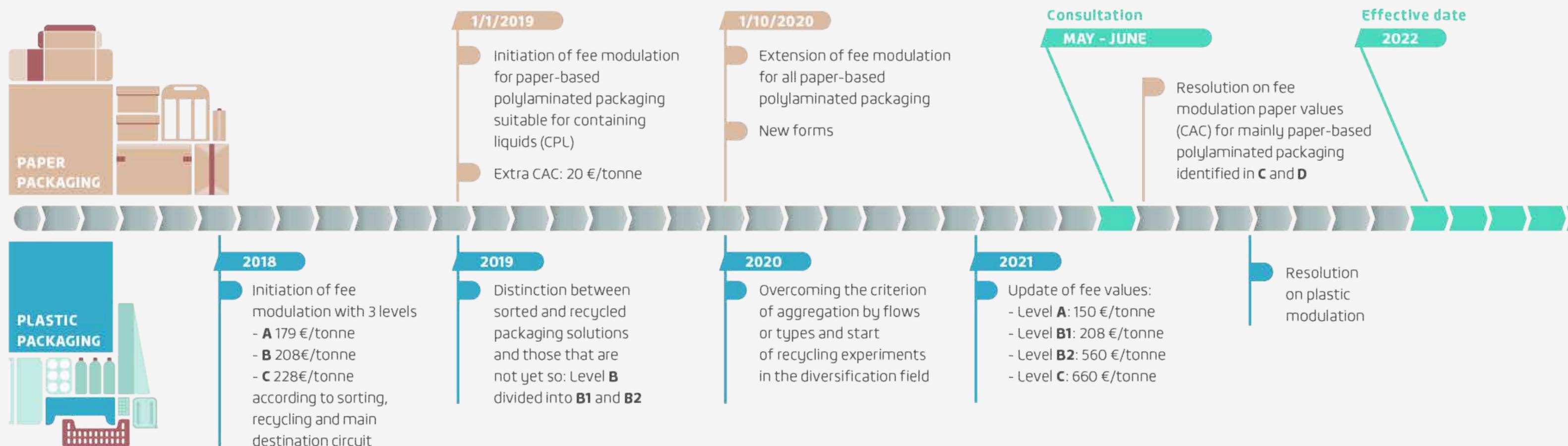
Implementation of an **on-line training course** from 21 June to 16 July 2021.

CONAI FOR PACKAGING MATERIAL CONSORTIA AND EPR SYSTEM

CAC FEE MODULATION

CONAI determines EPR Fee (CAC) value for each packaging material, envisaging modulation on the basis of packaging reusability and recyclability, and manages this on behalf of the Packaging material consortia. In 2018, CONAI introduced a **modulated Environmental Contribution for plastic packaging** which provides for diverse contribution values based on sortability, recyclability and prevailing circuit of destination criteria (Household or Commerce & Industry). Its levels and

packaging types are subject to updating on the basis of changes in packaging characteristics, as well as sorting and processing plant technologies. As of 1 January 2019, a **paper packaging fee modulation was also** introduced, envisaging an additional EPR fee (an extra 20 €/tonne CAC) for poly laminated packaging suitable for liquids and more difficult to recycle, an additional EPR fee to create a specific recycling chain.



CONAI, how the **CONAI EPR Organization works**

ECONOMIC FLOWS OF THE CONAI EPR ORGANIZATION IN 2020

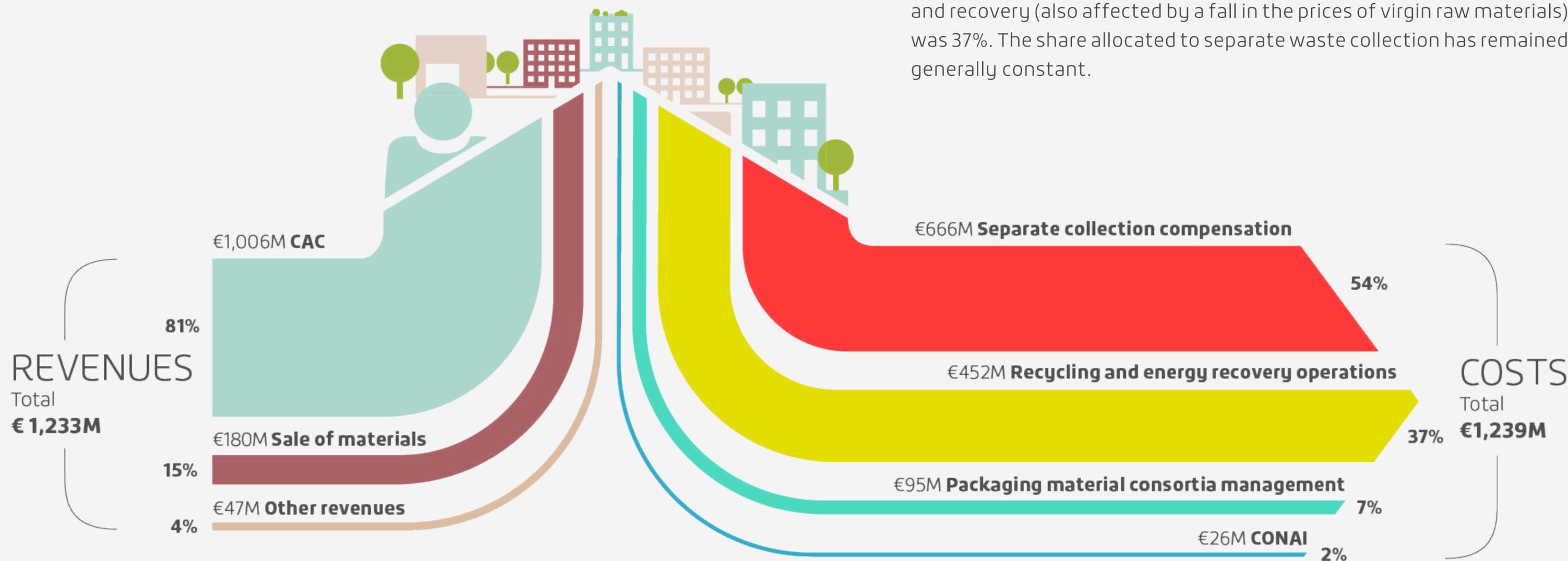
8 DECENT WORK AND ECONOMIC GROWTH



IN 2020 THE CONAI EPR ORGANIZATION SUPPORTED THE SEPARATE COLLECTION OF WASTE IN AFFILIATED ITALIAN MUNICIPALITIES WITH OVER 600 MILLION EUROS

The economic value allocated by the CONAI EPR Organization to supporting waste management activities covers approximately 90% of the total expenses incurred by the system: net of the Consortia's internal management costs, in 2020 this amounted to **1,118 million euros**. The portion of costs relating to CONAI and Packaging material consortia operation in 2020 was 2% and 7%, respectively, while the share allocated to supporting recycling and recovery (also affected by a fall in the prices of virgin raw materials) was 37%. The share allocated to separate waste collection has remained generally constant.

CONAI EPR Organization 2020

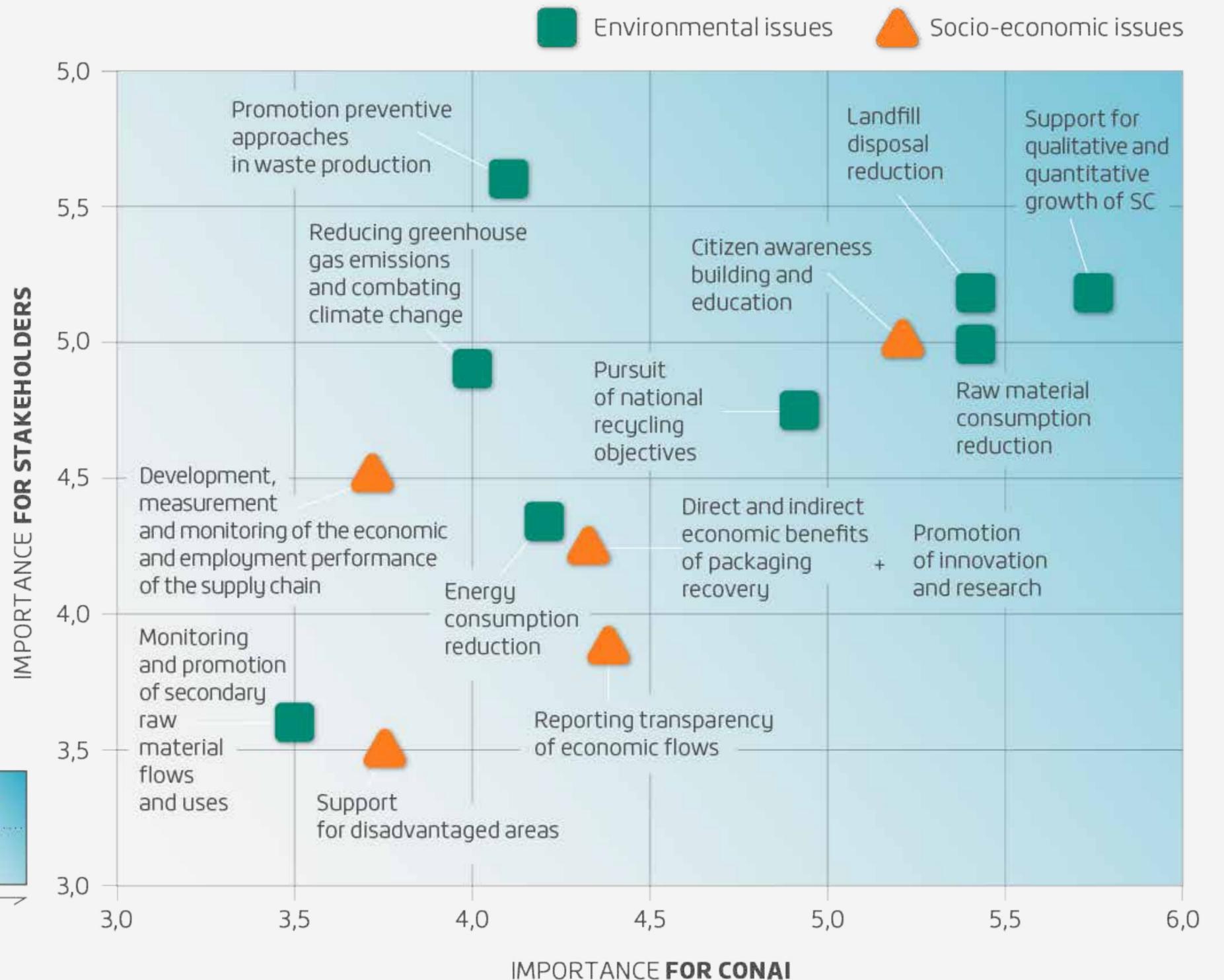
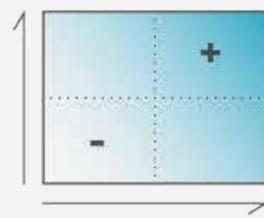


Materiality matrix for GRI

MATERIALITY MATRIX

The materiality matrix is a graph showing issues of greatest interest to CONAI and its stakeholders. The further up and further to the right hand side of the matrix, the higher the level of stakeholder interest (significance) in the issues. It is the result of the involvement of 147 representatives from all system stakeholder categories in a survey designed to identify the issues of greatest interest to them, by means of the allocation of a score from 0 to 6. The matrix positioning coordinates were defined by allocating each issue an average score on the basis of the opinions expressed by stakeholders, then subjected to a prioritisation whose influencing factor was: the frequency with which stakeholders voted for the 5 issues most significant to them from the 15 issues analysed. The analysis led to 14 issues being identified: 8 concern environmental aspects related to the management of packaging waste and 6 concern socio-economic aspects related to Consortium System activities.

The scope of analysis was the entire Consortium System for the management of packaging waste in Italy. All issues on the matrix are dealt with in this report, with the exception of "Monitoring and promotion of the flows and uses of secondary raw materials" and "Recovery, measurement and monitoring of the economic and employment performance of the supply chain", for which data and information is still insufficient.



GREEN ECONOMY REPORT CONAI 2020

Developed by **Centro studi per l'economia circolare CONAI**

Via Pompeo Litta, 5 20122 Milano Tel 02-540441

www.conai.org

With technical support of



Sustainable Development Foundation

www.fondazionevilupposostenibile.org

Layout and graphics by Laboratorio Linfa