



RESULTS

- 1 EVOLUTION, ASPECTS AND MAGNITUDES OF THE PERIOD
 - 1. Executive summary
 - 2. Explanatory information
- 2 MANAGEMENT RESULTS FOR THE PERIOD
 - 1. Operational and financial results
 - 2. Capital management
 - 3. Evolution of indebtedness
 - 4. Statement of cash flows and free cash flow
- 3 EVOLUTION BY BUSINESS SEGMENT
- 4 HIGHLIGHTS

- **5** POST-CLOSING EVENTS AND EVENTS WITH INVESTORS
- 6 ANNEXES
 - 1. About Kompuestos
 - 2. Corporate Governance
 - 3. Traditional business: Fillers and masterbatches
 - 4. Bio Solutions
 - 5. Raw materials and recycling technologies
 - 6. The circular economy of plastic
 - 7. The global plastics industry
 - 8. Glossary
 - 9. Contact







Development, aspects and magnitudes of the period



Executive summary

Revenues in the first half of 2022 amounted to 28,900 thousand euros, with a 13% increase in gross margin compared to the first half of 2021, especially due to the promotion of higher value-added products. Normalised Ebitda amounted to 2.431 thousand euros, an improvement of 28% compared to the same period in 2021.

The capex investment has been reduced by 69% because the main investments were made in previous years, which will allow for future business volume increases without significant new disbursements.

472 thousand euros have been invested in Research and Development projects for innovation and sustainability solutions under subsidised projects.

Net financial debt has increased by 34% compared to the same period of the previous year. This is mainly due to the fact that during the first half of 2022 there has been a generalised increase in the cost of raw materials due to market shortages. This significant increase implies a higher value of inventories and higher working capital requirements for equivalent volumes of activity.



TURNOVER ('000 €)

28.900

- 4%



NET FINANCIAL DEBT ('000 €)

13.7

34%



NORMALISED EBITDA ('000 €)

2.431

28%



CAPEX ('000 €)

472

-69%

| Financial Figures (thousands of ourse) | January | January-June | |
|----------------------------------------|---------|--------------|-----------|
| Financial Figures (thousands of euros) | 2022 | 2021 | 2022/2021 |
| Net turnover | 28,900 | 29,975 | (4) |
| Gross margin | 9,255 | 8,177 | 13 |
| EBITDA | 2,394 | 1,783 | 34 |
| Normalised EBITDA (*) | 2,431 | 1,897 | 28 |
| EBIT | 724 | 417 | 74 |
| Net result | 179 | (18) | (1,096) |
| Cash flow from operating activities | (2,077) | 1,779 | (217) |
| Investments (CapEx) | 472 | 1,537 | (69) |
| Net Financial Debt | 13,720 | 10,210 | 34 |

| Financial Indicators | January | % Change | |
|------------------------------------------------------------|---------|----------|-----------|
| Financial Indicators | 2022 | 2021 | 2022/2021 |
| Gross Margin | 32.0 | 27.3 | 17 |
| Normalised EBITDA margin | 8.4 | 6.3 | 33 |
| EBIT margin | 2.5 | 1.4 | 80 |
| Net Financial Debt / Shareholders' Equity (var. in points) | 0.9 | 0.7 | 0.2 |

^(*) Normalised EBITDA: EBITDA less expenses and income linked to extraordinary operations.

Development, aspects and magnitudes of the period



Explanatory information

In the audit report on the Company's annual accounts for the financial year 2021, carried out by the auditors **Grant Thornton**, a technical qualification is included in reference to the covenants stipulated by the syndicated financing agreement.

At the auditor's request in the framework of the issuance of its report, the Company sought clarification on the exclusion of extraordinary costs (such as, expenses related to the listing on the Euronext Growth Paris market and the dismissal of the former General Manager) for the calculation of the normalised EBITDA for the financial year 2021.

In response to this request for clarification, the creditors of the syndicated financing confirmed the Company's approach, given the nature of the extraordinary expenses and the consistency in terms of the criteria used in previous years, and their exclusion was appropriate.

In this respect, the Grant Thornton report only refers to a qualification due to the fact that, at the date of this clarification by the creditors, the financial year in question had already ended, and in no case to a breach of the ratios required in the aforementioned contract.

Due to the obligation to compare the information in the half-yearly financial statements for 2022 with the financial year 2021, the above-mentioned qualification is included for the financial year 2021 and does not affect the financial statements for the first half of 2022.







— Management results for the period



Operational and financial results

Revenue in the first half of 2022 amounted to EUR 28,900 thousand with an increase in gross margin of 13% compared to the first half of 2021, driven especially by the push for higher value-added products.

Work on fixed assets decreased by almost half compared to the first half of 2021 due to the completion of some projects that have already entered the commercialisation phase.

Operating expenses were kept in line with the first half of the previous year, with special attention to cost savings and despite the increase in energy costs throughout the first half of the year.

The 13% increase in depreciation is directly related to intangible assets due to the completion of projects.

The net result obtained was EUR 179 thousand euros, compared to a negative result of EUR 18 thousand euros in the first half of 2021.

Profit and Loss Account

(Figures in thousands of euros)

| January - June | | % Change |
|----------------|------|-----------|
| 2022 | 2021 | 2022/2021 |

| Net turnover | 28.900 | 29.975 | (4) |
|---------------------------------------------------------|----------|----------|---------|
| Change in stocks of finished goods and work in progress | 1.356 | 381 | 256 |
| Work on fixed assets | 362 | 690 | (48) |
| Procurement | (21.003) | (22.184) | (5) |
| Other operating income | 2 | 5 | (61) |
| Staff costs | (2.145) | (1.946) | 10 |
| Other operating expenses | (5.124) | (5.152) | (1) |
| Subsidies | 46 | 14 | 224 |
| Other results | (141) | (11) | 1.203 |
| Depreciation of fixed assets | (1.529) | (1.355) | 13 |
| Operating result | 724 | 417 | 74 |
| Financial Income | 0 | 2 | (100) |
| Financial expenses | (545) | (561) | (3) |
| Exchange rate differences | 85 | (19) | (546) |
| Financial result | (460) | (578) | (20) |
| Profit before tax | 264 | (161) | (264) |
| Profit tax | (85) | 143 | (160) |
| Net result | 179 | (18) | (1.092) |

— Management results for the period



Capital management

Total non-current assets remain stable at positions similar to those of 2021. Long-term investments (+28%) are associated with guarantees provided for research and development projects during the year. Deferred tax assets decreased by 11% due to the offsetting of tax loss carryforwards.

The Company points out that during the first half of the 2022 financial year there has been a general increase in the cost of raw materials due to market shortages, which has been aggravated by the armed conflict between Russia and Ukraine.

Overall, this significant increase has implied a 21% higher inventory value compared to 2021, and higher working capital requirements for equivalent volumes of activity, which has increased net financial debt by 17% compared to the end of December 2021.

| alance sheet | JUNE | DECEMBER | % Change |
|----------------------------------|--------|----------|-----------|
| (Figures in thousands of euros) | 2022 | 2021 | 2022/ 202 |
| NON-CURRENT ASSETS | 25.062 | 26.157 | (4) |
| Intangible Fixed Assets | 3.792 | 4.060 | (7) |
| Tangible Fixed Assets | 20.264 | 21.054 | (4) |
| Long-term financial investments | 245 | 192 | 28 |
| Deferred tax assets | 761 | 851 | (11) |
| CURRENT ASSETS | 14.230 | 15.370 | (7) |
| Stocks | 9.474 | 7.803 | 21 |
| Trade and other receivables | 2.896 | 3.254 | (11) |
| Short-term financial investments | 712 | 826 | (14) |
| Short-term accruals | 62 | 93 | (33) |
| Cash and cash equivalents | 1.086 | 3.394 | (68) |
| TOTAL ASSETS | 39.292 | 41.527 | (5) |
| TOTAL NET WORTH | 15.130 | 14.806 | 2 |
| NON-CURRENT LIABILITIES | 11.524 | 12.217 | (6) |
| Long-term provisions | | 186 | 35 |
| Long-term debts | 11.084 | 11.874 | (7) |
| Deferred tax liabilities | 190 | 158 | (20) |
| CURRENT LIABILITIES | 12.638 | 14.504 | (13) |
| Short-term provisions | 58 | 69 | (16) |
| Short-term debts | 4.434 | 4.114 | 8 |
| Trade and other payables | 8.146 | 10.321 | (21) |
| TOTAL LIABILITIES | 39.292 | 41.527 | (5) |
| Net financial debt | 13.720 | 11.768 | 17 |

— Management results for the period and

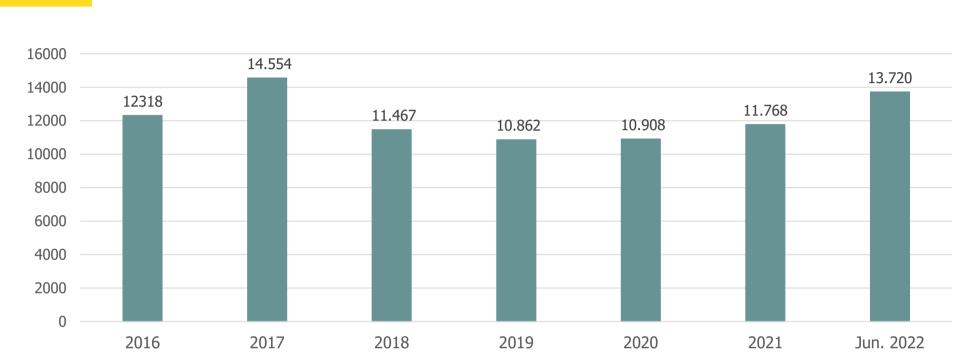


Evolution of indebtedness

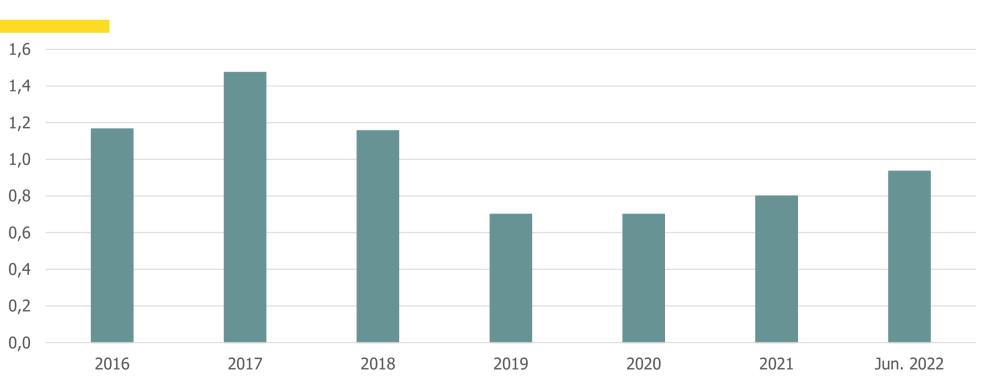
At the end of June 2022, the net financial debt balance stood at €13,7 million, 17% higher than in December 2021, bringing its ratio to the Company's equity to 0.9 times. This is mainly due to the fact that during the first half of 2022 there has been a generalised rise in the cost of raw materials due to shortages in the market, which has been aggravated due to the armed conflict between Russia and Ukraine.

On 26 July 2022, the Company also signed a loan for the amount of 5 million euros maturing in 2028 in order to repay in advance the existing debt under the contract signed with Alteralia, S.C.A., SICAR, and to finance the growth of the Company's business.

Net financial debt



Net financial debt/own resources



— Management results for the period and



Statement of cash flows and free cash flow

| igures in thousands of euros) January - | | - June | % Change |
|------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------|------------|
| | 2022 | 2021 | 2022/2021 |
| Cash flows from investing activities | | | |
| Tray control and tray control | | | |
| Investment payments | | (62) | (100) |
| Intangible assets | 0 | (63) | (100) |
| Tangible fixed assets | (110) | (784) | (86) |
| Other financial assets | (54) | (37) | 45 |
| Divestment proceeds | | | |
| Other assets | 84 | (75) | (213) |
| Cash flows from investing activities | (80) | (958) | (92) |
| | | | O/ Chamas |
| (Figures in thousands of euros) | January · | - June | % Change |
| (Figures in thousands of Euros) | 2022 | 2021 | 2022/2021 |
| Cash flows from financing activities | | | |
| | | | |
| Proceeds and payments for equity instruments | 193 | (160) | (221) |
| Proceeds and payments for financial liability | | | |
| instruments | 272 | 0 | |
| |) /) | | - |
| Broadcast Dobt report and amortication | 272 | (1.041) | ((7) |
| Debt repayment and amortisation | (616) | (1.841) | (67) |
| Debt repayment and amortisation Cash flows from financing activities | (616) (151) | (1.841) (2.001) | (92) |
| Debt repayment and amortisation | (616) | (1.841) | |
| Debt repayment and amortisation Cash flows from financing activities | (616) (151) | (1.841) (2.001) | (92) |
| Debt repayment and amortisation Cash flows from financing activities Net increase/decrease in cash or cash equivalents | (616) (151) (2.308) | (1.841) (2.001) (1.180) | (92) 96 |

| | January - June | | % Change | |
|--------------------------------------------|----------------|--------|-----------|--|
| (Figures in thousands of euros) | | 2021 | 2022/2021 | |
| Cash flows from operating activities | | | | |
| | | | | |
| Profit for the year before tax | 264 | (161) | (264) | |
| Adjustments to the result | | | | |
| Depreciation of fixed assets | 1.529 | 1.355 | 13 | |
| Valuation adjustments for impairment | 5 | 0 | - | |
| Change in provisions | | 200 | (73) | |
| Allocation of subsidies | (46) | 0 | - | |
| Financial income | 0 | (2) | (100) | |
| Financial expenses | 546 | 561 | (3) | |
| Exchange Rate Differences | (85) | 19 | (546) | |
| Other income and expenses | (362) | (690) | (48) | |
| Changes in working capital | (3.457) | 1.029 | (436) | |
| Other cash flows from operating activities | | | | |
| Interest payments | (530) | (561) | (6) | |
| Interest charges | 0 | 2 | (100) | |
| Payments (receipts) for income taxes | (80) | 45 | (278) | |
| Other payments (receipts) | 85 | (19) | (546) | |
| Cash flows from operating activities | (2.077) | 1.779 | (217) | |
| | | | 0/ 01 | |
| | January | - June | % Change | |

| (Figures in thousands of euros) | January | - June | % Change |
|-----------------------------------------------------|---------|---------|-----------|
| (rigures in croasarias or caros) | 2022 | 2021 | 2022/2021 |
| Free Cash Flow | | | |
| Normalised EBITDA | 2.431 | 1.897 | 28 |
| - Capex for the period (*) | (472) | (1.544) | (69) |
| - Change in working capital | (3.457) | 1.029 | (436) |
| Net financial interest payments | (530) | (559) | (5) |
| = Free cash flow | (2.028) | 823 | (346) |

other income and expenses from operating activities.





Developments by business and

segments



Turnover evolution by segment

During the first half of FY2022, Kompuestos' mass products accounted for 77.2% of total sales, with the specialties segment accounting for 22.8% of the total (19% at the end of FY2021). The increase in specialities has meant growth in the Company's higher value-added products.

The main countries in the geographical distribution of Kompuestos' sales figures for the first half of the 2022 financial year have been maintained, highlighting the growth in the relative contribution of the Spanish market. The Company has a strong international presence, exporting more than 62% of its turnover.

During the first half of the 2022 financial year, the Company has increased the number of compostable and biodegradable products by also offering alternatives for the injection moulding market. The "bioplastics" market is experiencing significant growth.

| (Figures in thousands of euros) | January | r - June | % Change | |
|---------------------------------|---------|----------|-----------|--|
| | 2022 | 2021 | 2022/2021 | |
| Turnover | 28,900 | 29,975 | (4) | |
| - Traditional business | 28,900 | 29,440 | (2) | |
| Mass production | 22,301 | 23,818 | (6) | |
| Specialities | 6,599 | 5,622 | 17 | |
| - Other | 0 | 535 | (100) | |

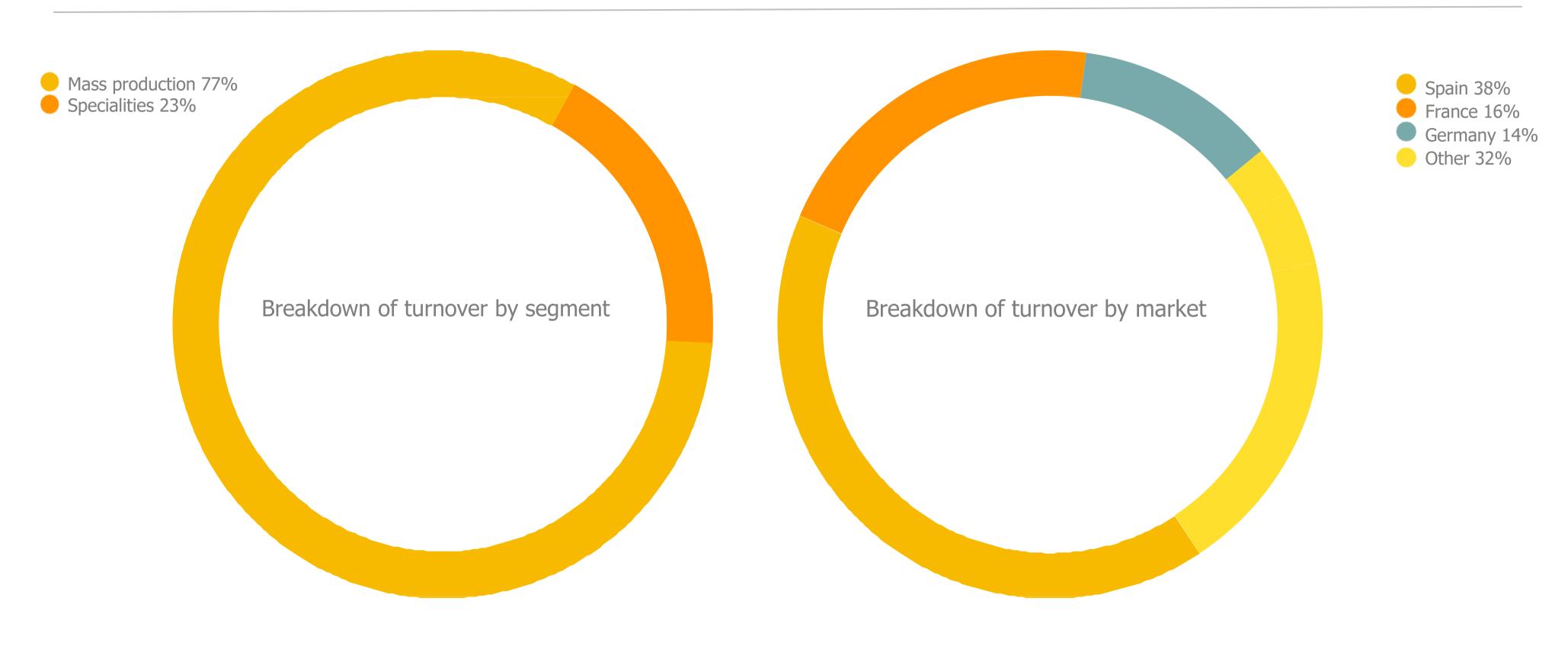
| | Janua | ry - June | % Change |
|----------|--------|-----------|-----------|
| | 2022 | 2021 | 2022/2021 |
| Turnover | 28,900 | 29,975 | (4) |
| Spain | 10,936 | 10,780 | 1 |
| Germany | 4,125 | 5,993 | (31) |
| France | 4,683 | 3,662 | 28 |
| Other | 9,156 | 9,540 | (4) |

Mass production including black and white fillers and masterbatches Specialities includes additives, colour masterbatches and BIO Solutions

Developments by business and

segments



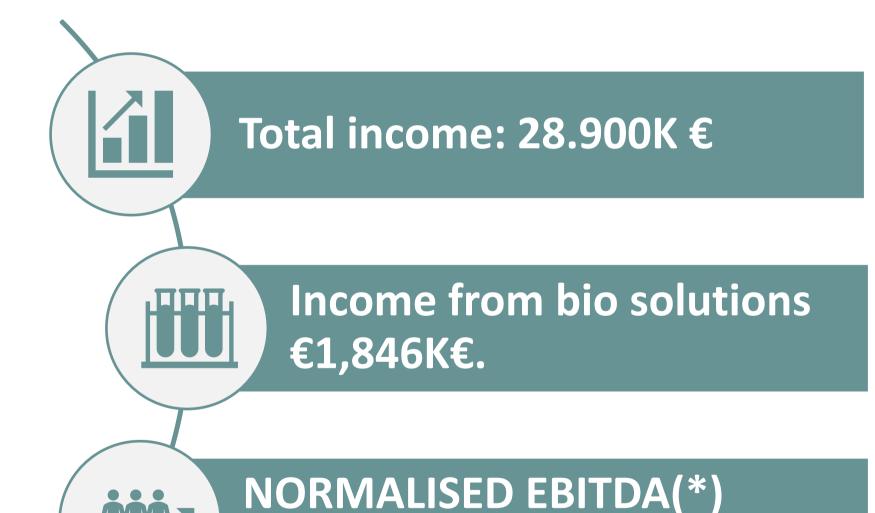


Mass production including black and white fillers and masterbatches Specialities includes additives, colour masterbatches and BIO Solutions

Evolution of bio-based solutions



Turnover development for bio-based solutions



During the first half of the 2022 financial year, the Company has increased the number of compostable and biodegradable products by also offering alternatives for the injection moulding market. The "bioplastics" market is experiencing significant growth.

Kompuestos has **17 different types of fully biodegradable and compostable resins** made from different starches such as corn, potato, cereals and other bio-based polymers. Our resins are designed to work with existing standard industrial equipment, offering the opportunity to fully replace traditional plastics. The Company continues to invest in developing and enhancing these products in the European market.

The Company has continued to strengthen its activity in Research and Development projects in line with its commitment to innovation and sustainability solutions, highlighting in this first half of 2022 the RevoluZion project for the development of bioplastic materials, framed in the Strategic Lines 2021 programme of the State Innovation Agency and the Next Generation EU Programme, for which it obtained an exceptional rating in its technical evaluation (94/100).

New structure: The creation of the integrated business unit for the Bio division will enable improvements in operational effectiveness and efficiency, a stronger management model and faster time to market.

(*) Normalised EBITDA: EBITDA less expenses and income linked to extraordinary operations.

2.431K EUROS





— Highlights



Highlights: from 1 January to 30 June

February 2022: Business and Financial Situation

As part of the improvement of the structure of Kompuestos, the Company has appointed Ms. Nuria Matellán as Head of Internal Control and Chief Risk Officer, reporting directly to the Board of Directors, who until now held the position of Chief Financial Officer (CFO). Similarly, Ms. Isabel Díez has been appointed as the new Chief Financial Officer (CFO) of Kompuestos.

June 2022: Business and Financial Situation

The consortium formed by the Society (as consortium coordinator), the Instituto de Catálisis y Petroleoquímica-CSIC, the Centro de Investigaciones Biológicas Margarita Salas-CSIC, the University of Granada and the private technology centre AITIIP has obtained 970.905 euros in funding and grants to carry out the RevoluZion project, with Kompuestos being allocated 359,000 euros for funding. The RevoluZion project aims at the research and development of bioplastic materials.

innovative bio-based biocomponents (mixtures of biopolyester as matrix and enzymatic functional additives) with a programmed (i.e. controlled) biodegradation.

This project is part of the Call for Projects in Strategic Lines 2021 of the State Innovation Agency and the Next Generation EU Programme and has obtained a score of 94 out of 100 and exceptional AAA in the evaluation.

June 2021: General Meeting

On 16 June 2022, the Ordinary General Shareholders' Meeting was held to approve: (i) the annual accounts and the management report, proposed allocation of profits, management and performance of the Board of Directors and its committees for the year ended 31 December 2021, (ii) the remuneration of the members of the Board of Directors and its committees for the year 2021, (iii) the appointment of Mr. Guillermo Ferrer Sistach as independent director by the co-optation system as a result of the vacancies that have arisen since the last General Shareholders' Meeting, (iv) the appointment of Mr. Guillermo Ferrer Sistach as independent director by the co-optation system as a result of the vacancies that have arisen since the last General Shareholders' Meeting.

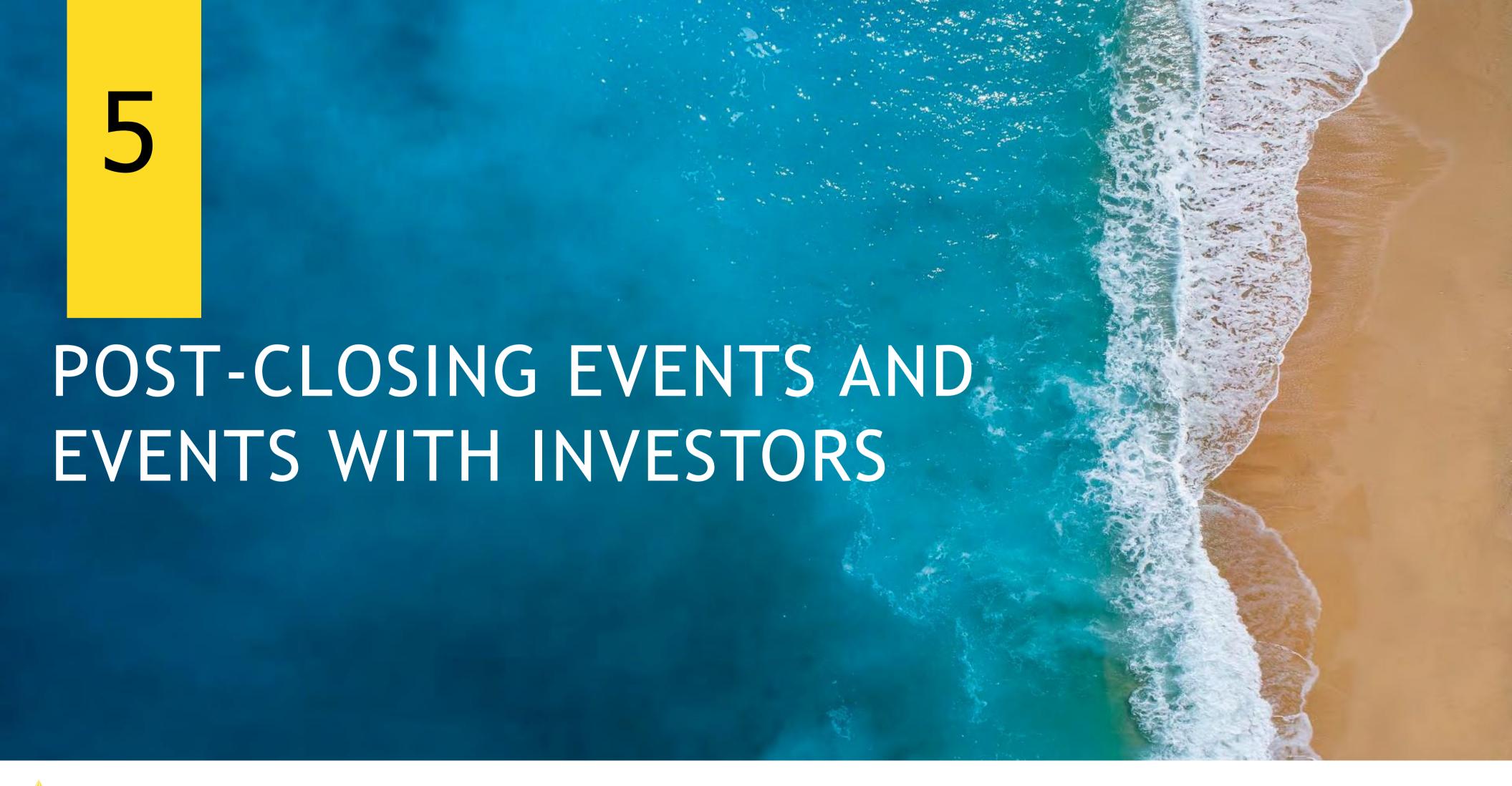
General Shareholders' Meeting to date, (iv) the appointment of Ms. Nuria Matellán as executive director, (v) authorisation for the possible acquisition of treasury shares.

External factors

On 24 February 2022, Russia invaded Ukraine and started an armed conflict. This has led to an unprecedented global crisis that has impacted the macroeconomic environment and business performance, and is causing significant changes in commodity prices, energy and gas costs, and contractions in the supply of certain goods and products.

The consequences of this conflict on the economy in general and on the Company's future operations are unknown and will depend to a large extent on the evolution and resolution of the conflict. The Company has mitigating factors to reduce these impacts in order to achieve its 2022 objectives.

For further information on relevant events after 30 June 2022, see "*Post-closing and upcoming events*" (Section 7).





Post-closing and investor events



Post-closure events

External factors

In general terms, the Company is affected by various external factors related to the socio-economic environment in which it operates, mainly the effects of fluctuations in raw materials, especially those derived from oil. These factors associated with the business are considered to be both risk and opportunity generators.

During the first half of 2022, the Company has experienced a general increase in the cost of raw materials due to market shortages. In general terms, this significant increase, which implies a higher value of inventories, implies higher working capital requirements for equivalent volumes of activity. Furthermore, in the second half of 2022, a general decline in raw material prices is expected, which would result in a loss due to lower inventory values.

The Company controls this risk by constantly monitoring margins, not only on its average purchase prices, at which inventory is valued, but also on inventory replacement prices.

Loan signing with Santander Asset Management

Kompuestos has signed a EUR 5 million loan with Santander Asset Management FIL maturing in 2028 in order to repay early the existing debt under the contract signed with Alteralia, S.C.A., SICAR and to finance the growth of the company's business.

Appointment of new Director General

That, on 21 September 2022 and effective 1 January 2023, Kompuestos has appointed Mr. Ignacio Tauste (former COO) as CEO of the company, replacing Mr. Carles Argenté (until now interim CEO). This change is part of Kompuestos' continuity plan and generational overlap in management.





About Kompuestos



Kompuestos is an industrial company dedicated to the design, production and marketing of mineral fillers, colour concentrates and additives ("masterbatches") for the plastics processing industry. It operates with two production facilities located in Palau-Solità i Plegamans (Barcelona).

Kompuestos is characterised by its commitment to the environment, which is why it developed *fillers* (which reduce the use of polymer and, therefore, the carbon footprint of end products) and has been developing its own technology and know-how in recent years related to the circular economy of plastics, including biodegradable and compostable resins ("bioplastics") and processes for recycling and reusing plastics. Plastics have become a recurrent problem for the environment, and regulation and society's own awareness are creating a great market opportunity for products that provide solutions to the main problems of the plastics industry: biodegradability and recycling.

In the coming years, Kompuestos intends to continue to grow significantly in its traditional business (fillers and masterbatches) and expects to experience high growth due to the magnitude of the opportunity opened up by the two new markets such as biodegradable plastics and recycled plastics.

"We have a long history of adding value to plastic and reducing the carbon footprint of plastic; we are leaders in biodegradable plastics and we are working on plastic recycling processes".

Corporate Governance



Ignacio Duch

Member of the Board of Directors representing Corporation Chimique International S.P.R.L. (Chairman of the Board of Directors and Chief Executive Officer)

Clara Duch

Member of the Board of Directors (Executive Counsellor)

Pablo Duch

Member of the Board of Directors representing CCP Masterbatch, S.L. (Proprietary Director)

Albert de la Riva

Member of the Board of Directors and Member of the Audit Committee (Independent Director and Chairman of the Audit Committee)

Guillermo Ferrer

Member of the Board of Directors and Member of the Audit Committee (Independent Director)

Nuria Matellán

Member of the Board of Directors (Executive Counsellor)

Sandra Duch

Member of the Board of Directors and Member of the Audit Committee (External Adviser)

Luís Vázquez

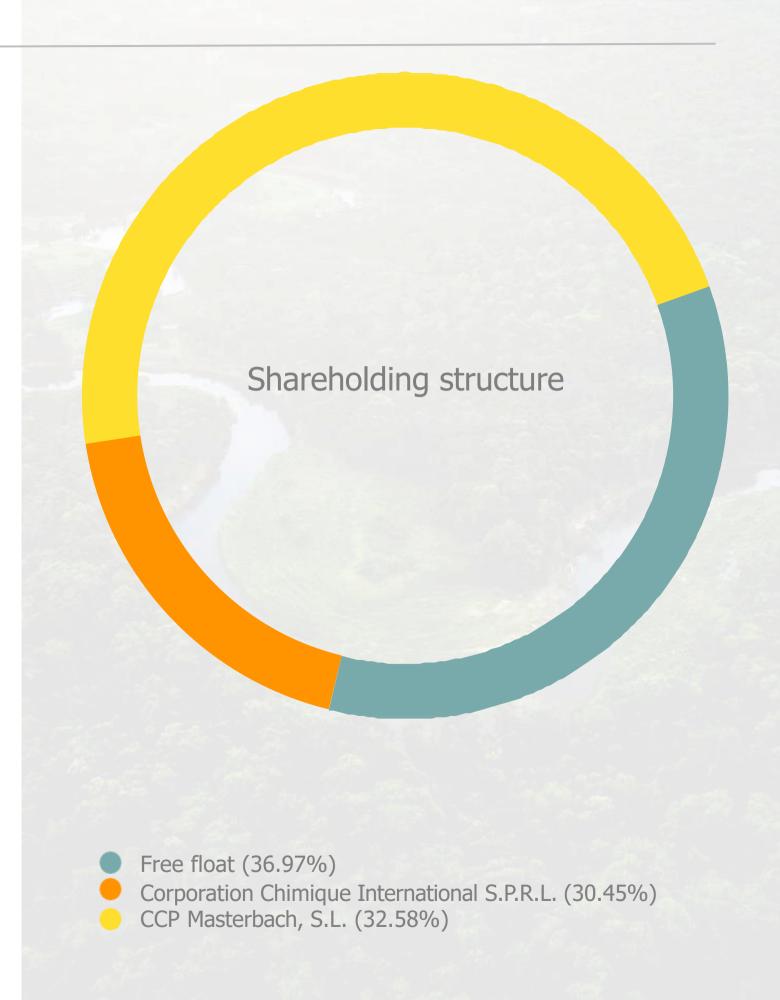
Member of the Board of Directors representing Gant Finance, S.A. (Proprietary Director)

Lluis Clusella

Member of the Board of Directors representing Gestión y Administración Mobiliaria, S.A. (Proprietary Director)

José Luis Palao

Non-director Secretary of the Board of Directors



Traditional Business



Exfill: Concentrated mineral fillers



Exfill products are sustainable products that allow for a reduced use of polymer in the final product by improving mechanical performance through the incorporation of natural components. With the use of Exfill products, very significant differences can be obtained in the final product depending on the polymer with which it is mixed and the compound formation technique; moreover, Exfill can be combined with additives to obtain the desired results. The most commonly used mineral is calcium carbonate, obtained from limestone, marble and chalk. Exfill products, which can be dosed up to 70% in the final product, provide numerous advantages such as; reducing the carbon footprint of the final product, reducing greenhouse gas emissions, production efficiency and energy savings, thus reducing production costs. They can be used in all types of applications and sectors. These products are 100% recyclable. The use of Exfill offers customers increased competitiveness and at the same time ecological and sustainable value.

Kroma: Colour Masterbatch



Kroma is the most traditional range of Kompuestos that includes the customised production of colours. Kompuestos uses the most advanced technologies to be able to offer customised colours to our customers on a continuous and stable basis for all types of applications. Kompuestos has developed more than 20,000 colour formulations that cover the entire spectrum of technical requirements. This makes it possible to produce highquality masterbatches for all sectors and types of application. The advantages of masterbatches over the use of powder pigments or other techniques for adding colours to plastics include; easier storage, less risk of contamination between products and better dispersion of the pigment or additive as it arrives dispersed in a carrier agent which facilitates its distribution. This all adds up to cost savings. The possibility of using a vehicle similar to that of the polymer with which the masterbatches are to be combined facilitates the integration between the polymer and the colours. Through its use, greater consistency is achieved between the colours of different series of the final product and the possibility of combining colourants and additives in a single masterbatch simplifies the manufacturing process.

Additives



Kompuestos has a wide portfolio of additives that adapts to any need expressed by the customer. Additives improve the performance of plastic products, protecting them against degradation by heat, ultraviolet rays, oxidation or other agents or providing specific functions depending on the application to be given to the final product (among others, desiccants, antistatic, ultraviolet, aromas, antioxidants, anti-block or anti-fogging). The production of additives allows Kompuestos to offer its customers differentiated solutions with innovative technology. The development of additives that favour the reuse of plastics and the replacement of traditional additives with new, more effective additives.

Bio Solutions



Biodegradable resins in soil



Biodegradable resins are Kompuestos' most innovative range, made from vegetable starch from corn, potato and cereals, and other biodegradable polymers. Biodegradable resins can be processed using the same machinery used for traditional polymers. The resins are 100% biodegradable and compostable according to UNE EN 13432 specification. In order to market the products as biodegradable and compostable, it is mandatory to obtain certificates attesting to the properties advertised. The innovative formulations of these bioplastics aim to replace traditional single-use plastics and thus significantly reduce the environmental problem they represent. Kompuestos is continuously working on the development of new formulations of biodegradable resins.

Okean: Biodegradable resins in water



Kompuestos has also developed Okean, a resin designed to be completely biodegradable in water. Okean biodegrades in relatively short periods of time in fresh and marine waters, and contributes substantially to the reduction of plastic waste in rivers, seas, lakes or any natural water medium. Likewise, being mainly based on renewable raw materials, Okean produces less carbon dioxide than polymers based on fossil materials, thus contributing to the prevention of global warming. Given its characteristics, Okean offers an environmentally friendly alternative to single-use plastics.

BioExfill: Biodegradable resins on land



Bioexfill is a product that fuses the knowhow of traditional masterbatches such as mineral fillers and fillers with the knowhow of biodegradable and compostable products. Our Bioexfill range is a compostable filler that offers the same advantages as Exfill as well as being 100% biodegradable and compostable. Kompuestos has already obtained certifications from *OK Compost INDUSTRIAL* and *OK Compost HOME* to be able to market this product.

Raw materials and recycling solutions



The incorporation of the circular economy philosophy into the plastics industry has led Kompuestos to explore all possible options. From making plastics biodegradable and compostable to the possibility of improving the mechanical performance of recycled plastics.

Kompuestos is developing various R&D projects based on the objective of integrating its manufacturing activities in the traditional product range with the processing of recycled plastics both for internal use and for sale to third parties. In addition, it is also developing new technologies to facilitate the process of recycling and reusing plastics, including reactive compounding, which facilitates the compatibilisation of different polymers and/or the reconstruction of damaged polymer chains in plastics already in use.

The raw materials business line comprises the marketing of polymers as raw materials for the plastics processing industry. At present, Kompuestos operates on an ad hoc basis as a distributor of traditional polymers with the intention of including more recycled polymer ranges.



The circular economy of plastic



Despite its advantages, the increased use of traditional plastics for short term applications leads to fossil fuel and environmental problems, degradation of natural ecosystems and production of greenhouse gases.

This implies the need to change the production and consumption cycle of plastics; thus, globally, a transformation of the industry is being driven by the new circular economy of plastics, based on these three principles:

Recycling and reuse: Increased recycling and reuse of plastics would reduce the proportion of plastics dumped in nature and allow a transition in plastics manufacturing based on a reuse of materials for industry.

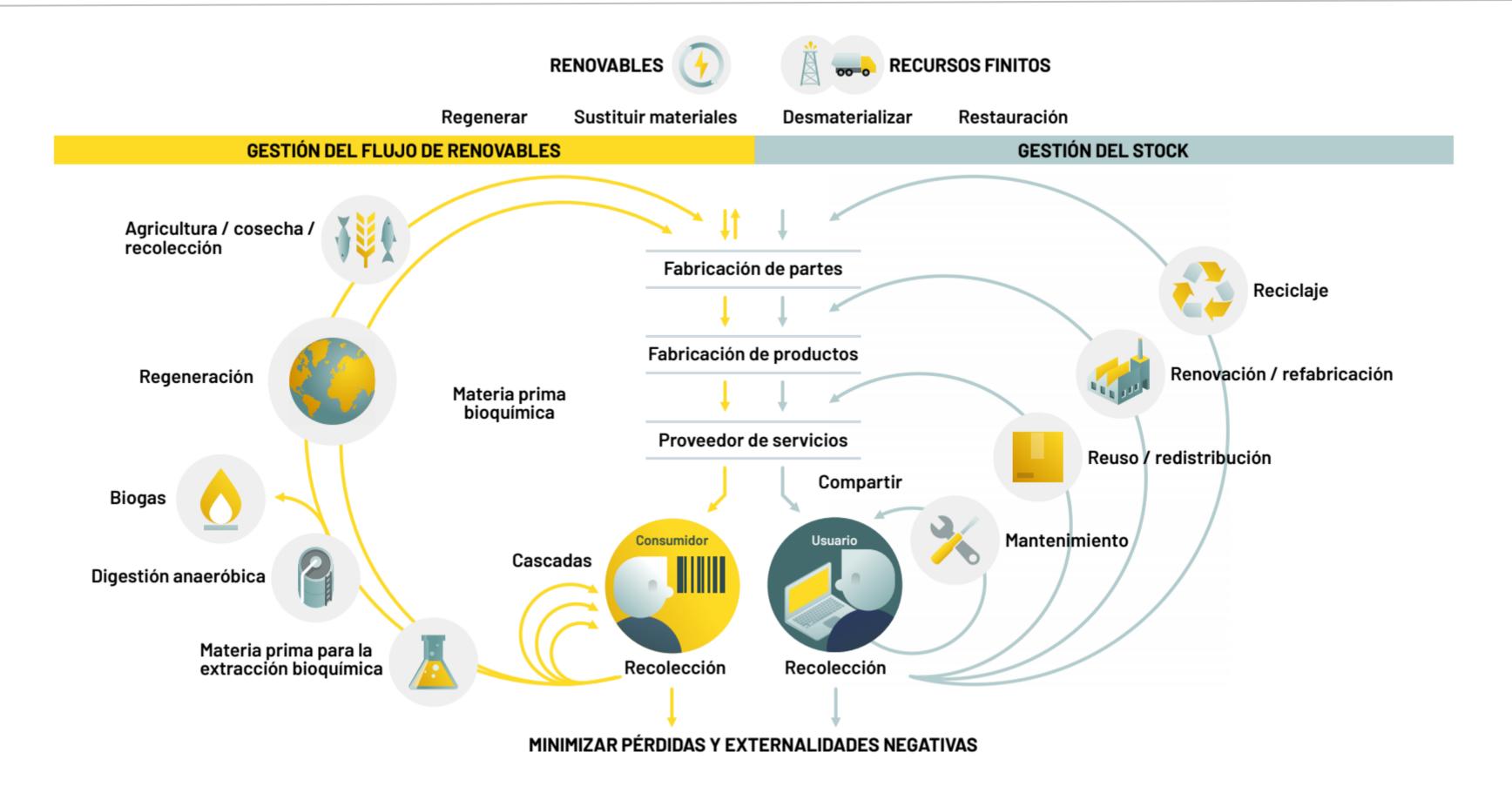
Reducing the dumping of plastics into natural ecosystems: Improving the collection and recovery of plastics in order to avoid the progressive degeneration of the oceans and the ecosystem. The solution to this problem should be to invest in infrastructure for collection and recycling and to develop new varieties of plastics based on recycling and reuse rather than on use and abandonment.

Manufacture of plastics from renewable sources: Incorporate renewable raw materials to replace fossil sources that will gradually be depleted.



The circular economy of plastic



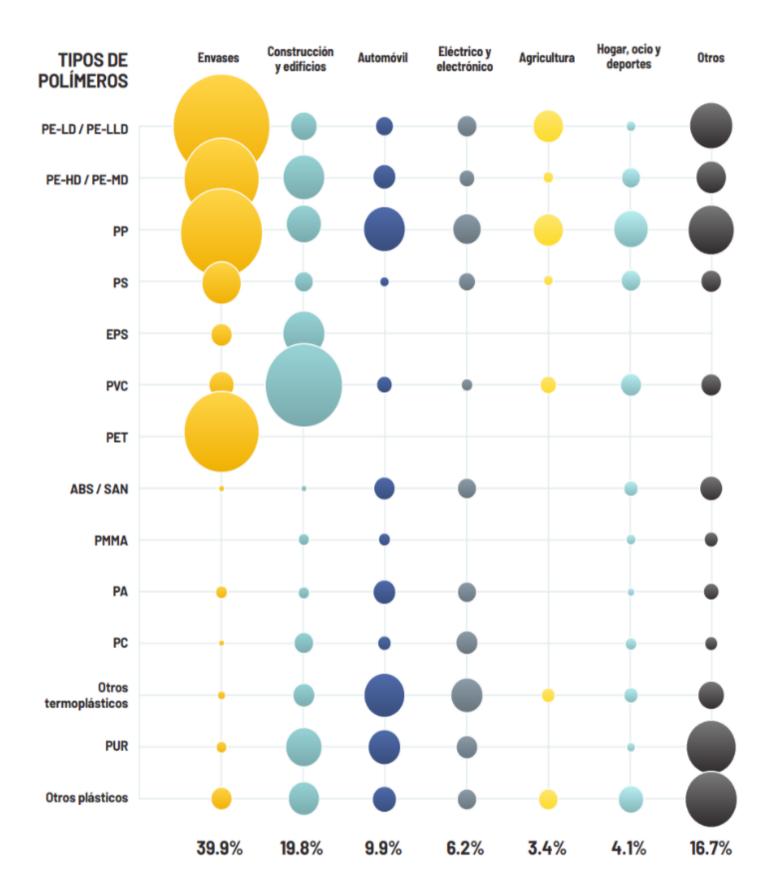


Source: Ellen MacArthur Foundation

The global plastics and

industry





-----Empleo:

More than 1.6 million people

The plastics sector directly employs more than 1.6 million people in Europe.

-----Empresas:

Almost 60,000 companies

A sector in which almost 60,000 companies, mostly SMEs, operate.

-----Volumen de negocio:

More than 360 billion euros

In 2018, the European plastics sector generated a turnover of more than €360 billion.

-----Valor añadido

7th in Europe

The European plastics sector is the seventh largest contributor to industrial value added in Europe. At the same level as the pharmaceutical sector* and very close to the chemical industry.

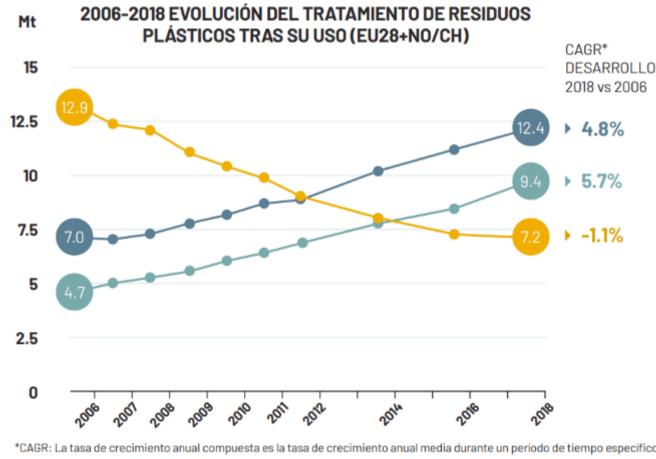
*Measured on the basis of gross value added at natural prices, 2013

-----Finanzas publicas

Nearly EUR 30 billion

In 2018, the European plastics sector contributed €28.8 billion to public finances and welfare.





-----Reciclaje

9.4 million tonnes

In 2018, 9.4 million tonnes of post-consumer plastic waste was collected in Europe for recycling (within and outside the EU).

Source: Plastics Europe Situation 2019

Glossary



Compost: Compost is a mixture of various decomposing organic substances, such as dead leaves or manure.

Bio-based: plastics made from renewable raw materials.

Biodegradable plastic: at the end of its life cycle it biodegrades, its organic matter decomposes into CO₂, water and biomass by the action of bacteria in the environment. The conditions of this process can be varied (depending on the environment in which it is found): land, freshwater, seawater, etc.

Biodegradation: is the degradation of materials into environmentally acceptable products such as water, carbon dioxide and biomass by the action of naturally occurring micro-organisms under normal environmental conditions. The biodegradation process is highly dependent on the conditions (e.g. location, temperature, humidity, presence of micro-organisms, etc.) and the final material or part. Consequently, the process and its outcome can vary considerably.

Compostable plastic is plastic that biodegrades to become compost. Biodegradation of compost occurs in an industrial composting plant or in a home composting bin under controlled conditions of time, temperature, humidity, aeration and micro-organisms.

Extrusion or Compounding: is a process of extrusion, granulation that allows the mixing by fusion of a polymer (thermoplastic resin) with one or more additives, minerals, pigments, etc., in order to obtain a plastic material in the form of a compound (mixture) or masterbatch (concentrated mixture) with its own physical or chemical characteristics.

Reactive Compounding or Reactive Extrusion: is a process of intensive mixing of polymers in a molten state where simultaneously a chemical reaction takes place resulting in the generation of a new product.

Masterbatches: colour concentrates, additives and other compounds for the plastics processing industry, including components for the creation of ecologically sustainable plastics.

Mineral fillers are materials that are added to plastic polymers.





Let's work together

We are here to help you, if you need additional information, please do not hesitate to contact us.

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