

## GROUP PROFILE

The Recylex group is a European specialist in lead and plastics recycling (from automotive and industrial scrap batteries), zinc recycling (from electric arc furnace dust and scrap zinc), polypropylene recycling and the production of very high-purity special metals.

Thanks to its industrial vision for the environment, the Group gives a new lease of life to waste, scrap and used materials in order to help meet the growing demand for sustainable and responsible commodities. By harnessing its longstanding, unique know-how, Recylex provides reliable as well as sustainable solutions to the major challenges of the circular economy in Europe, by recovering and regenerating wastes as close as possible to the cities and industries that today are the new urban mines.

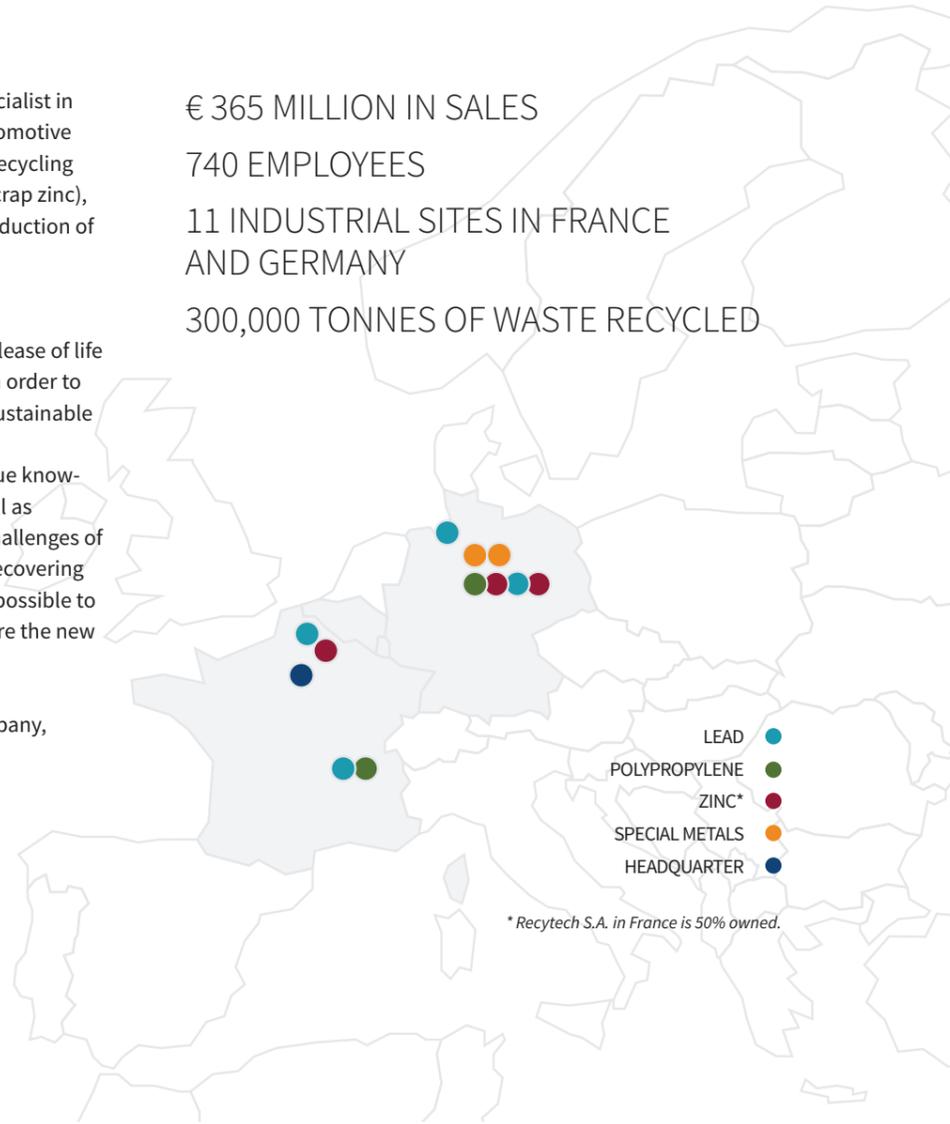
Recylex S.A., the Group's parent company, is listed on Euronext Paris (ISIN code: FR0000120388 -- Mnemonic: RX).

€ 365 MILLION IN SALES

740 EMPLOYEES

11 INDUSTRIAL SITES IN FRANCE AND GERMANY

300,000 TONNES OF WASTE RECYCLED



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The European expert  
in the circular economy



# 4 INDUSTRIAL EXPERTISES FOR SUSTAINABLE RECYCLED RAW MATERIALS

## LEAD RECYCLING

SALES  
€ 237 MILLION

10 MILLION  
USED BATTERIES RECYCLED

330 EMPLOYEES

4 INDUSTRIAL SITES

### LEAD PRODUCTION

in tonnes



## EUROPEAN INTEGRATED LEADER OF LEAD RECYCLING

Only European operator to reach a 92% recycling rate of the components of a scrap battery pursuant to EU Regulation n°493/2012, Recylex's integrated lead recycling model is one of the world's most efficient from an industrial and environmental perspective (valorization of polypropylene, sulfuric acid and lead).

Used batteries are processed by RCX in France and HMG in Germany, thanks to their patented treatment process. With multimodal logistics, the lead-rich materials are then sent to WMG which produces lead ingots labeled on the London Metal Exchange and a 100% renewed sulfuric acid. With its new reduction furnace commissioned in 2018, WMG aims to maximize the value of metals contained in incoming materials and has increased flexibility for the treatment of more complex materials (like wastes of other industrial productions).

Second largest lead recycler in Europe, the Group plays a key role in the European circular economy and contributes to making lead the most widely recycled metal worldwide.



## ZINC RECYCLING

SALES  
€ 96 MILLION

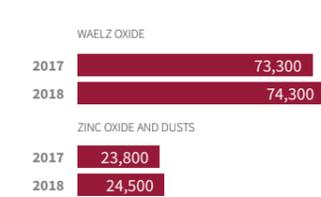
170,000 TONNES  
OF ZINC-RICH WASTE RECYCLED

210 EMPLOYEES

3 INDUSTRIAL SITES

### OXIDE PRODUCTION

in tonnes



## KEY PLAYER IN SUSTAINABLE ZINC RECYCLING

With its two recycling activities, the Group has a key contribution to the zinc circular economy in Europe.

HMG in Germany and Recytech in France (50% owned) provide a responsible industrial recycling service for steel manufacturers, since their electric arc furnace dusts are a potential environmental hazard. These dusts produced by the recycling of steel are processed and enriched in giant rotary furnaces using the Waelz process. The Waelz oxides produced by the Group are secondary raw materials for zinc producers, replacing mining concentrates.

HZO in Germany recycles zinc-bearing waste (guttering, roofing, etc.) using a very high-temperature metallurgical distillation process. These high-purity zinc oxides and zinc dusts are primarily used in the tire, chemicals and cosmetics industries.



## POLYPROPYLENE RECYCLING

SALES  
€ 13 MILLION

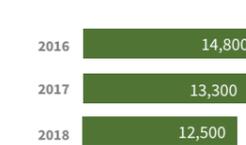
13,700 TONNES  
OF POLYPROPYLENE RECYCLED

40 EMPLOYEES

2 INDUSTRIAL SITES

### PRODUCTION OF RECYCLED POLYPROPYLENE

in tonnes



## PIONEER IN POLYPROPYLENE RECYCLING AND COMPOUND SPECIALIST

Leveraging 30 years' experience in the plastics industry, C2P S.A.S. in France and C2P Germany GmbH in Germany are pioneers in recycled polypropylene in Europe.

C2P recover polypropylene from diversified sources (such as scrap batteries shells, car bumpers, construction and public works waste, bottle corks collected by local associations, etc.).

The unique know-how developed by C2P lies in its proficiency in grinding, recycling by extrusion process and compounding techniques. The recycled material is enriched with made-to-order additives to obtain high value-added polypropylene, adapted to customers' specifications.

Thanks to its expertise and a team highly attentive to customers' needs, the Recylex group contributes via C2P to the sustainable procurement of recycled plastics and to the preservation of natural resources by reducing the consumption of fossil energies.



## PRODUCTION OF HIGH-PURITY SPECIAL METALS

SALES  
€ 19 MILLION

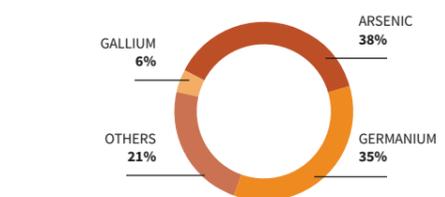
250 TONNES  
OF SPECIAL METALS PRODUCED

110 EMPLOYEES

2 INDUSTRIAL SITES

### SPECIAL METALS

as a % of sales



## WORLDWIDE EXPERT IN HIGH-PURITY SPECIAL METALS

PPM Pure Metals in Germany has an exceptional expertise in producing and purifying special metals, notably arsenic, germanium, gallium or indium.

The materials delivered to our Langelsheim or Osterwieck plants at a purity level of 95 to 99%. On the basis of various refinery processes, the physical treatment they undergo makes it possible to increase this degree of purity to 99.999995%.

Although, it primarily processes raw materials, PPM Pure Metals has also developed a recycling expertise for some of its products.

PPM's high-purity metals and their compounds are designed for high tech applications in the most sophisticated worldwide industries, such as electronics, mobile telephony or infra-red technologies. Pure Metals GmbH's offers customized products and solutions. These advanced metals are produced in small quantities to highly precise specifications.

