



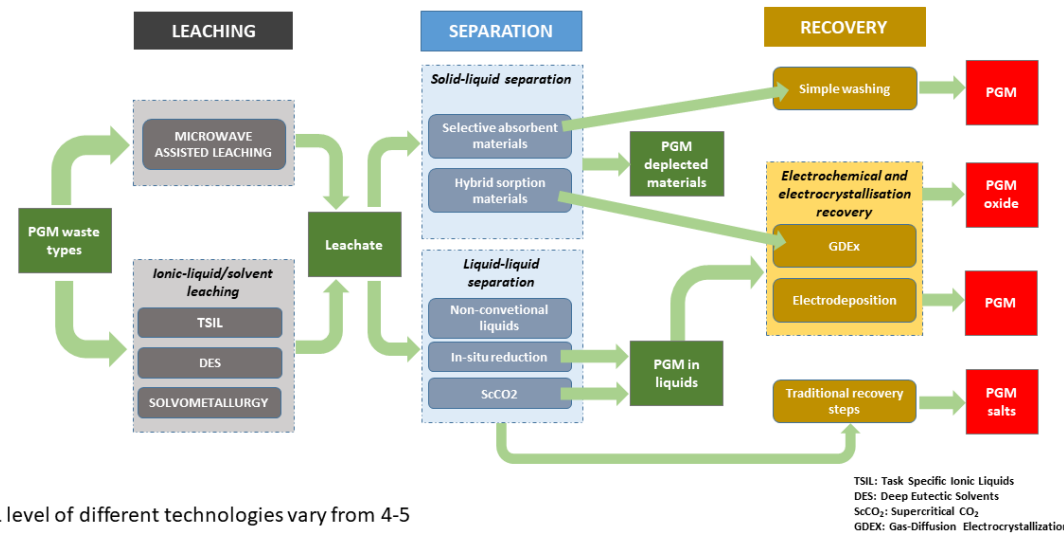
Final words from the PLATIRUS consortium

After 4,6 years the PLATIRUS project comes to its end. We are delighted to announce that the project has successfully achieved its objective to research, evaluate and upscale novel and sustainable platinum group metals (PGMs) recycling technologies.

With the joint help from all partners, the consortium has developed innovative and cost-efficient processes to recover PGMs from secondary source materials. We succeeded to produce brand new automotive catalysts with the recycled materials and therefore close the recycling loop.

With this last newsletter, the PLATIRUS consortium communicates the successful delivery of sustainable recycling solutions that are hoped to provide the basis for a new European PGMs supply chain.

Overview of the PLATIRUS technologies

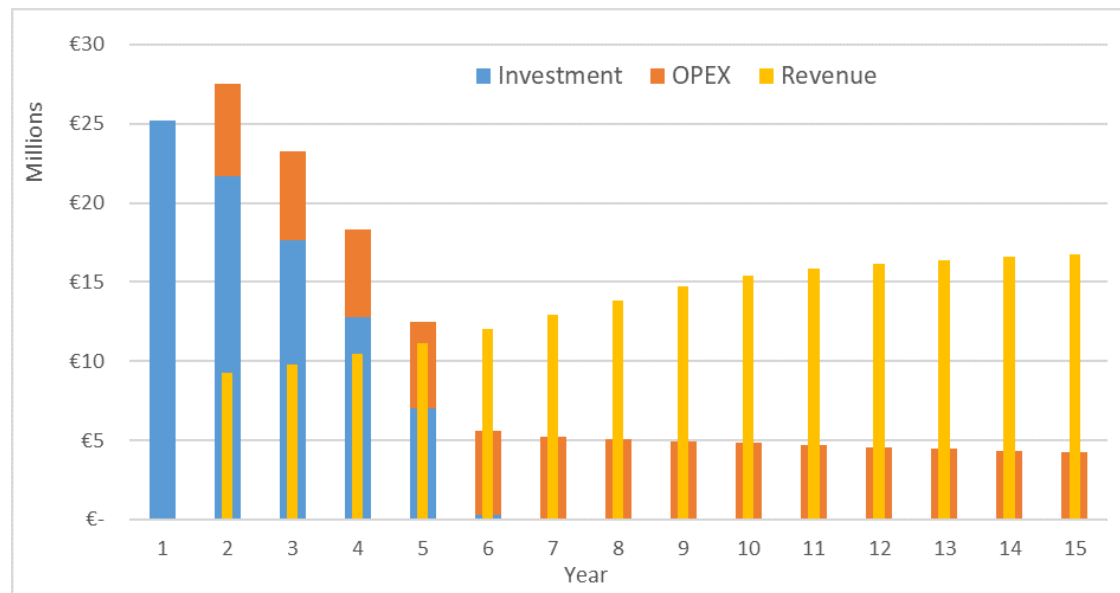


Since 2016, the PLATIRUS project has researched and developed 11 innovative, cost-efficient technologies to recover platinum group metals.

What results have we achieved for 4,6 years?

[Read more](#)

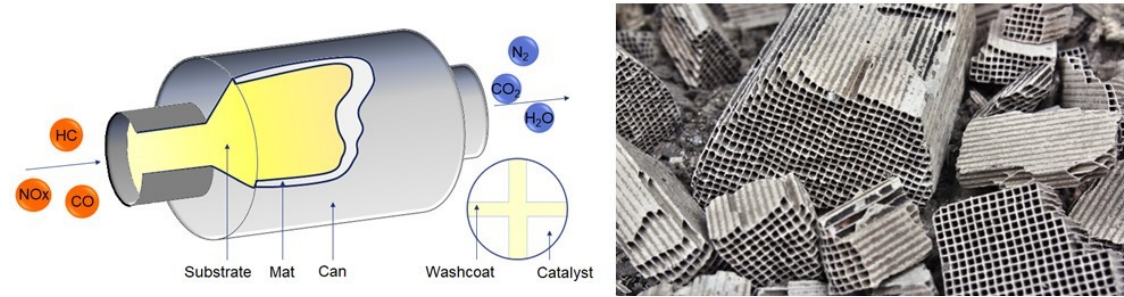
Economic assessment of the PLATIRUS technologies



The PLATIRUS project has successfully achieved its goal of developing business plans based on the novel PLATIRUS Flowsheet for the recovery of PGMs from secondary sources and from research to a significant scale. A payback period of 6 years and an accumulated revenue of almost 4 times the initial investment would be reached in the first 15 years of exploitation.

[Read more](#)

Life Cycle Assessment for the selected technologies



CRF in collaboration with TECNALIA has performed an analysis of the environmental impacts of the PLATIRUS' process flowsheet, compared with a current industrial process ("State of the Art", or "SoA"), with a reference to the automotive ceramic catalyst application. This analysis has been calculated by applying the Life Cycle Assessment (LCA) methodology.

[Read more](#)

Final PLATIRUS exploitation workshop



On 21 April 2021, the PLATIRUS consortium organized its final exploitation workshop. Nineteen speakers from the consortium presented the technical, scientific, financial and market advancements of the PLATIRUS technologies in front of a wide audience of more than 80 people coming from academia, industry and policy sectors. Moreover, a representative of the European Commission (EC) presented a detailed overview about the EC vision on supporting critical raw materials related activities in Horizon Europe.

[Read more](#)

In the spotlight at EU Research magazine



New processes to recover platinum group metals

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- Platinum Group Metals (PGMs) are in high demand across the world for use in a variety of different products, including cars, jewellery and electronic devices, yet the supply of these metals is not keeping pace with demand. Researchers in the **PLATIRUS** project are developing innovative, cost-efficient recovery processes, which it is hoped will provide the basis for a new PGM supply chain.

The outstanding work conducted in PLATIRUS has been featured in the Spring 2021 edition of the [EU Research Magazine](#). The magazine has presented 3 PLATIRUS novel technologies for recovering PGMs.

[Read more](#)



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