



Table 1. An overview of projects relating to catalyst recycling carried out in Poland

Title of the project	Implementation	Beneficiary	Description of the project	More information
	period			
Development of an innovative	2014 - 2020	Unimetal Recycling	- The main target will be to develop an innovative,	https://mapadotacji.gov.
fully automated and mobile		Sp. z o.o.	fully automated yet mobile technology for catalyst	pl/projekty/1101250/
catalyst recycling technology			recycling.	
			- The aim of the conducted R&D works will be to	
			develop a method for placing a technological line	
			located in a container building in a large production	
			plant on a daily basis.	
			- Such a solution will enable many catalyst purchasers	
			and vehicle disassembly stations to recycle the	
			catalysts in the place located closest to them, without	
			the need to transport the material to the headquarters	
			of the Applicant.	
Launch of a pilot line for the	2016 – 2019	AWG Polonez	- Washcoat from the recovery of precious metals used	http://www.polonez-kat
production of ecological		Tomasz Debowski	to make the active layer of the catalyst.	.com.pl/pl/o-projekcie/
catalytic systems including			- The result of the project is an innovative product	https://mapadotacji.gov.
sustainable recycling of critical			which will be monoliths in unusual shapes meeting the	pl/projekty/743491/
materials			specific requirements of the end user.	
Implementation of innovative	2014 – 2020	KAT-RECYKLING	- Precious metals recovered as a result of	https://www.kat-recykli
technology for processing car			implementing new technologies in the field of	ng.pl/fundusze-europejs
catalysts for the production of			automotive catalyst processing.	kie,ap20.html
precious metals			- A new precious metal recovery technology will be	https://mapadotacji.gov.
			implemented, as well as an increase in innovation and	pl/projekty/752944/

			employment in the enterprise.	
Technology for converting	2014 – 2020	KAT-RECYKLING	- The main objective is to develop a process and	https://mapadotacji.gov.
automotive catalysts to			innovative product on a national scale in the field of	pl/projekty/826395/
produce precious metals			precious metals recovery from automotive catalysts.	
			- The specific objective will be the purchase, assembly	
			and commissioning of an innovative process line for	
			catalyst recycling.	
			- The basic technological innovation is the application	
			of a technological system for the grinding of metallic	
			catalysts without the need to separate the casing from	
			the monolithic catalytic input.	
Development of a technology	2019 - 2021	PPHU ROCH	- Develop a technology for the production of exhaust	http://www.roch.pl/s52-
for manufacturing an exhaust			filter housings and a catalyst housing with new	projekty-uezam%C3%
filter housing and catalyst			properties and increased utility parameters.	B3wienia.html
housing with new properties			- A demonstration line will be created and launched	https://mapadotacji.gov.
and increased utility			and the technology will be tested in real conditions.	pl/projekty/855346/
parameters			- The technology thus developed will permit the	
			introduction of an innovative product on a European	
			scale with new properties and improved performance	
			parameters.	
Implementation of a new	2014 - 2020	Vanstar	- Implementation of a new technology for the	https://mapadotacji.gov.
catalyst production			production of catalytic converters with an	pl/projekty/780793/
technology with replaceable			interchangeable filter.	http://www.vanstar.pl/d
filter for complete exhaust			- The implementation of the new catalytic converter	otacja.php?id=3
systems			will reduce the energy and material intensity of	
			production and operation.	

			- This will make it possible to reuse structural elements	
			without having to replace them completely.	
The implementation of an	2007 – 2013	LINDO	Improving air quality by reducing the weight and	http://www.lindocatsyst
innovative technology for the		CATSYSTEM	number of particles in the exhaust gases.	em.pl/dotacje-ue
production of a metal insert				https://mapadotacji.gov.
for a car exhaust catalyst				pl/projekty/723518/

Source: own work based on companies' webpage