

Recycling of spent Auto Catalytic Converters: Smelting Technologies Development

ReMetall Deutschland AG

Prague Seminar 2017

REMETALL Leadership through innovation Deutschland AG since 1996 2015 melting plant 2005 innovative 2002 homogenisation and sampling inhouse lab 1998 metal carrier processing 1996 zero loss dismantling

Motivations for concentrating precious metal through smelting



Rampant sampling innacuracies for lack of industry standards Huge logistics expenses when 99.7% of material moved is worthless dead weight

Optimized yield and greater process control through smelting

Advantages of direct current arc smelting





New Project: Improving of classical electrochlorination method applicated for extraction of PGM from spent autocatalyst with high SiC content



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Looking ahead: challenges for the recycling industry







Forecast



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Thank you for your time and attention

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