METGROW+: Showing the potential for metal recovery in the EU

The METGROW+ project

The primary objective of METGROW+ is to create, demonstrate and validate an industrially viable, flexible New Metallurgical Systems Toolbox, which allows to smartly combine pyro-, hydro-, electro-, bio-, solvo- and ionometallurgical unit operations, as well all residual matrix valorisation technologies, to valorise EU's low-grade, polymetallic primary and secondary resources.

Material streams in METGROW+ project: yearly production rates in the EU* *rough estimate Fine grained landfilled sludges Iron rich sludges 1.000.000 Low grade ores **Fayalitic slags** 500.000 2.000.000 2.950.000 Ge Sb 100 nickel În 27 24 28 Ni Co Ni Cr Cu Pb Zn Ga Zn Pb 4.0% 1 6% 0,08% 1,3%

Metal recovery potential** from METGROW+ streams

24.840-



318-

indium are included in this list.

METGROW+ "New Metallurgical Systems" Toolbox



"Apart from the metal recovery, METGROW+ will create additional value by the valorisation of the matrix material"