H2020 METGROW+ project develops technologies for extracting valuable metals from metallurgical waste and low-grade ores, from which recovery is not yet economically viable. The research involves the development and combination of pyro-, hydro-, solvo-, electro-, iono- and biohydrometallurgical unit operations as well as final residue matrix valorisation. As a result, a Metallurgical Systems Toolbox is created for the benefit of the European industry and society.

Material streams in METGROW+ project: yearly production rates in the EU

Recovery of metals from low grade materials

Previously untapped metal resources are unlocked

Valorisation of the residue mineral matrix

Toolbox replication to other material sources after the METGROW+ project

METGROW+ Metallurgical systems toolbox

METGROW+ project coordinator
VTT Technical Research Centre of Finland
Tel. +358 40 176 0127, paivi.kinnunen@vtt.fi

Webpage
www.metgrowplus.eu