

## **Metal Recovery from Low Grade Ores and Wastes Plus (METGROW+)**

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Within MetGrow+ project, primary and secondary materials are studied as a potential metal resources by nineteen European partners (representatives of industry, universities and research centers), which nine of the partners are members of EIT KIC Raw Materials consortium. Materials which are currently not yet being exploited like nickel-cobalt deposits, low grade polymetallic wastes and iron containing sludges (goethite, jarosite, laterite ores etc.) are the point of interest in the Project. The research are focused on six base processes: hydro-, solvo-, pyro-, electro-, iono- and biometallurgical. All studied technologies should extract important metals (Ni, Cu, Zn, Co, In, Ga, Ge) in a cost-effective way. As project main output, a toolbox for metallurgical systems development is created using new methods and combinations. IMN's participation in the project focuses on the development of hydrometallurgical technology for processing Polish laterite ores.