

Networks of infrastructure ZeroWaste Cluster

EIT Raw Materials, a Knowledge and Innovation Community (KIC)

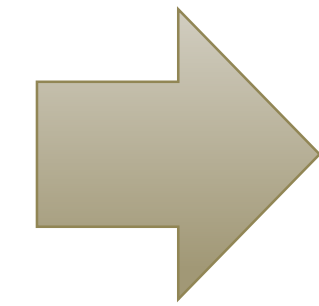
- Europe's biggest **innovation** program on raw materials ever.
- Brings together **> 100 partners** from industry, research and academia
- Bridges the gap between public and market funding
- Goal: create a **cost-efficient, secure and sustainable supply of raw materials** for Europe. Making raw materials a major strength for Europe.



More information: www.eitrawmaterials.eu

Challenge

Innovation in raw materials is dependent on big and capital-intensive infrastructure

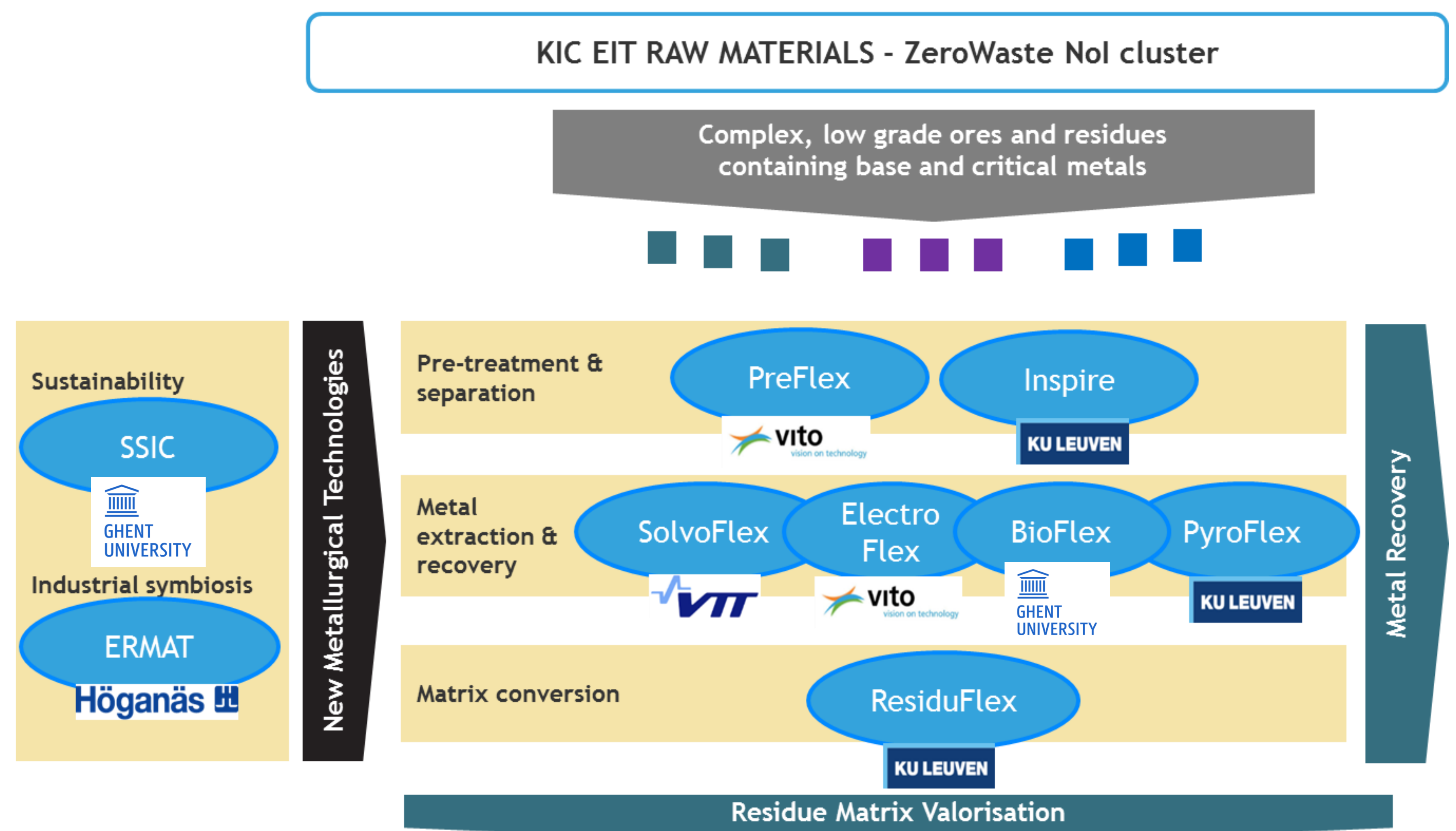


EIT Raw Materials solution: **Networks of Infrastructure (NoI)**

- Virtual pool of state-of-the-art infrastructure** within a certain domain of the raw materials value chain
- Bring EIT Raw Materials partners together with proven excellence in the domain
- Aim at promoting **services** for internal and external customers

ZeroWaste NoI cluster

- Aims at providing services for unit processes in the **ZeroWaste metallurgical toolbox**
- Infrastructure and expertise for treatment of metal containing complex, low grade ores and residues



ZeroWaste metallurgical toolbox

- Integrated solutions** (combining solvo-, electro-, bio- and pyrometallurgy with pretreatment and matrix valorisation) for metal recovery and matrix conversion of complex low grade ores and wastes
- Enables the design of tailored, cost-effective and environmentally-friendly **flow sheets**
- Is the basis for a series of European and regional **innovation programs**:

-  H2020-project **METGROW+** (www.metgrowplus.eu)
-  Flemish innovation program **SIM-MaRes** (www.sim-flanders.be/research-program/mares)
-  MSCA International Training Network **SOCRATES** (www.etn-socrates.eu)

Contact Information

www.zerowaste.eu



PreFlex: Kris.Broos@vito.be
ElectroFlex: Joost.Helsen@vito.be



BioFlex: Simon.DeCorte@ugent.be
SSIC: Wouter.DeSoete@ugent.be



Inspire: Jeroen.Jordens@kuleuven.be
PyroFlex – ResiduFlex: Dimos.Paraskevas@kuleuven.be



SolvoFlex: Paivi.Kinnunen@vtt.fi