

COMET-Project

COMMBY	
Competence network for the assessment of metal bearing by-products	
Main location	Leoben, Styria
Other locations	-
Research programme	Mineralogical, processing and metallurgical characterization of metal bearing residues with a focus on the lead, zinc and copper industry. Evaluation and development of recycling processes for the extraction of valuables. Development of an assessment scheme for secondary deposits.
Planned realisation and outcomes	
The COMET project "COMMBY" deals with the evaluation of industrial by-products that are not currently available for further economic use. Through the characterization of selected residues and the evaluation of possible recycling processes, a generally valid assessment scheme is to be developed, which allows interested investors and companies a reliable assessment of potentially usable secondary resources.	
History of establishment	Within many years of co-operation between the Montanuniversität and industrial partners, various industrial residues have been investigated and extraction processes developed. The absence of a general scheme for the economic evaluation of e.g. heaps led to the project at hand.
Selected company partners	Selected scientific partners (max. 5)
1. ARP Aufbereitung, Recycling, Prüftechnik GesmbH 2. CEMTEC Cement and Mining Technology GmbH 3. GKB Bergbau GmbH 4. Marienhütte Stahl- und Walzwerk GmbH 5. R+M Ressourcen + Management GmbH 6. RHI Feuerfest GmbH	1. Montanuniversität Leoben
	Selected international partners ¹ (max. 5)
	1. Befesa Steel R&D S.L.U
Start of the COMET-Project	10/2018 (4 years)
Number of personnel	21(FTE) are involved (19 FTE are scientists)
Total costs	EUR 2,760,000
Leader of consortium:	Priv.Doz. DI Dr. Jürgen Antrekowitsch, head of working group 'Heavy Metals Recycling'
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¹ Partners with headquarters outside Austria