



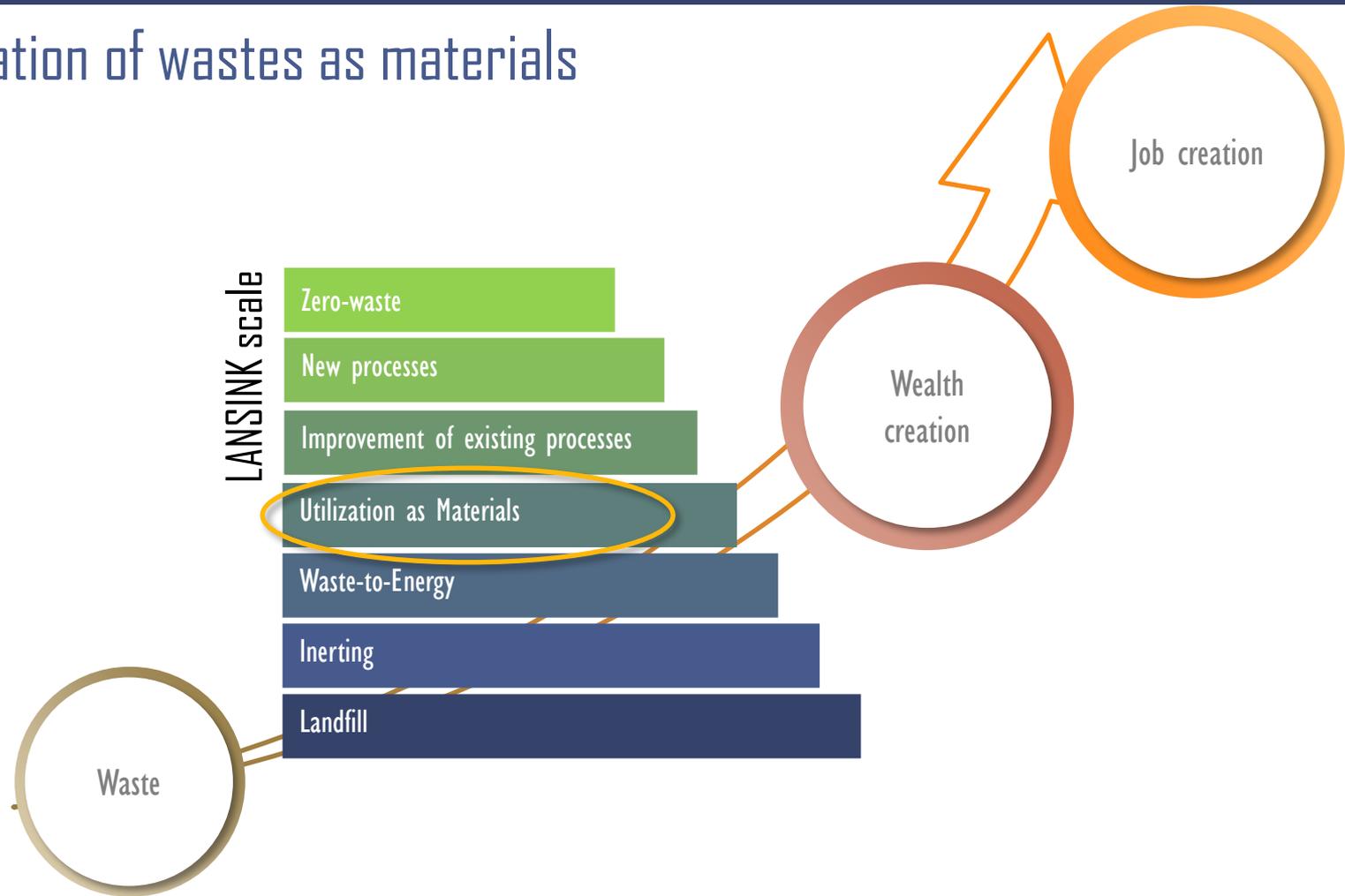
Welcome to CTP

Research and Development
Centre certified by Walloon
Region

Facilities
9000 m²

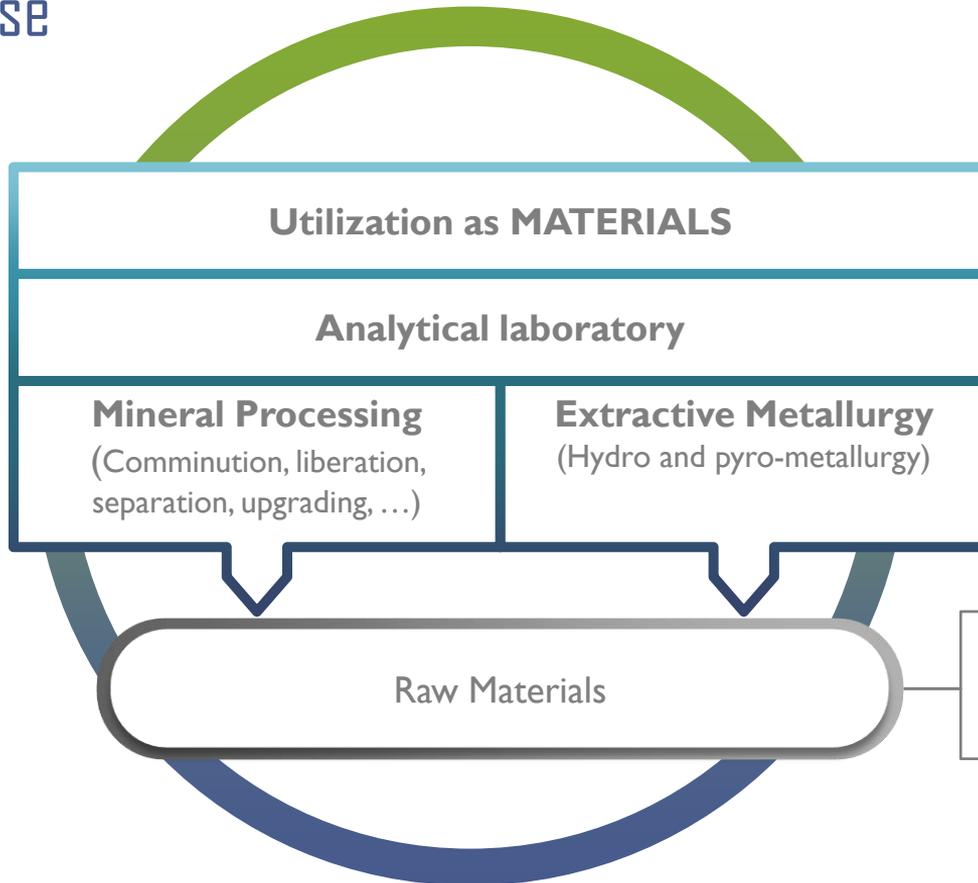


Utilization of wastes as materials



Areas of Expertise

CIRCULAR ECONOMY



20 years
of experience

● Primary
(ores, ...)

● Secondary
(industrial wastes and by-products,
post-consumers wastes, ...)

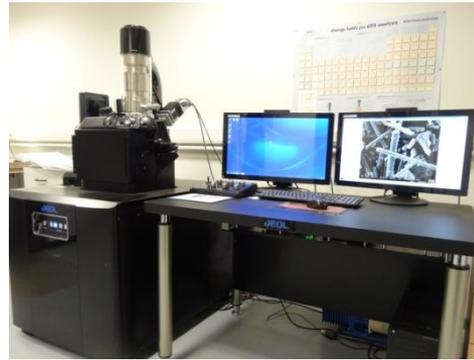
Up-scaling capabilities

TECHNOLOGY READINESS LEVEL



TRL : Technology Readiness Level (1 to 9)
Technological maturity level of R&D projects – European classification

Some pieces of equipment...



Major projects

Walloon plan for wastes
- Resources -

6 MT/year
in Wallonia

Demolition Waste and
Common Industrial Waste
(CIW)

45 % of
industrial
wastes

Our projects

OPTIDEMO

Plan FEDER 2.3.2 COOPILOT



LE FONDS EUROPÉEN DE DÉVELOPPEMENT RÉGIONAL
ET LA WALLONIE INVESTISSENT DANS VOTRE AVENIR

COSMOCEM

Budget : 11 M€



SOVALMIN

Program C-Wality



Wallonie



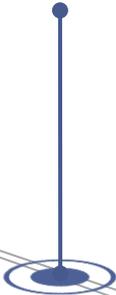
Major Projects



Reverse Metallurgy

2014

Founding of Reverse Metallurgy Association.
CTP, founding member



2018

Project ATHENA

Zinc Oxide synthesis from secondary materials



Success stories

Development of a new industrial Electric Arc Furnace Dusts (EAFD) recycling process

2006

Starting
collaboration with
Zincox (UK)



2013

Commissioning of
EAFD recycling
facilities in South
Korea

175.000 T/an
100 M€



Our role in REGENERATIS...

WP T1 Methodology to recover raw materials from PMSD

Lab test (up to 25kg) & pilot scale test (up to 5 tons) in order to recover valuable raw materials from PMSD, depending on the economic potential interest of the recovered materials via:

- Mineral processing
- Hydrometallurgy



Our role in REGENERATIS...

WPI3 Application of the treatment process on samples from the Duferco site in La Louvière in Wallonia (BELGIUM)

- Excavation by Duferco (subpartner)
- of representative materials
- Sampling and characterization
- Development of process
- Demonstration of processes for material reuse (metals, minerals and soils)



Thank you for your attention

