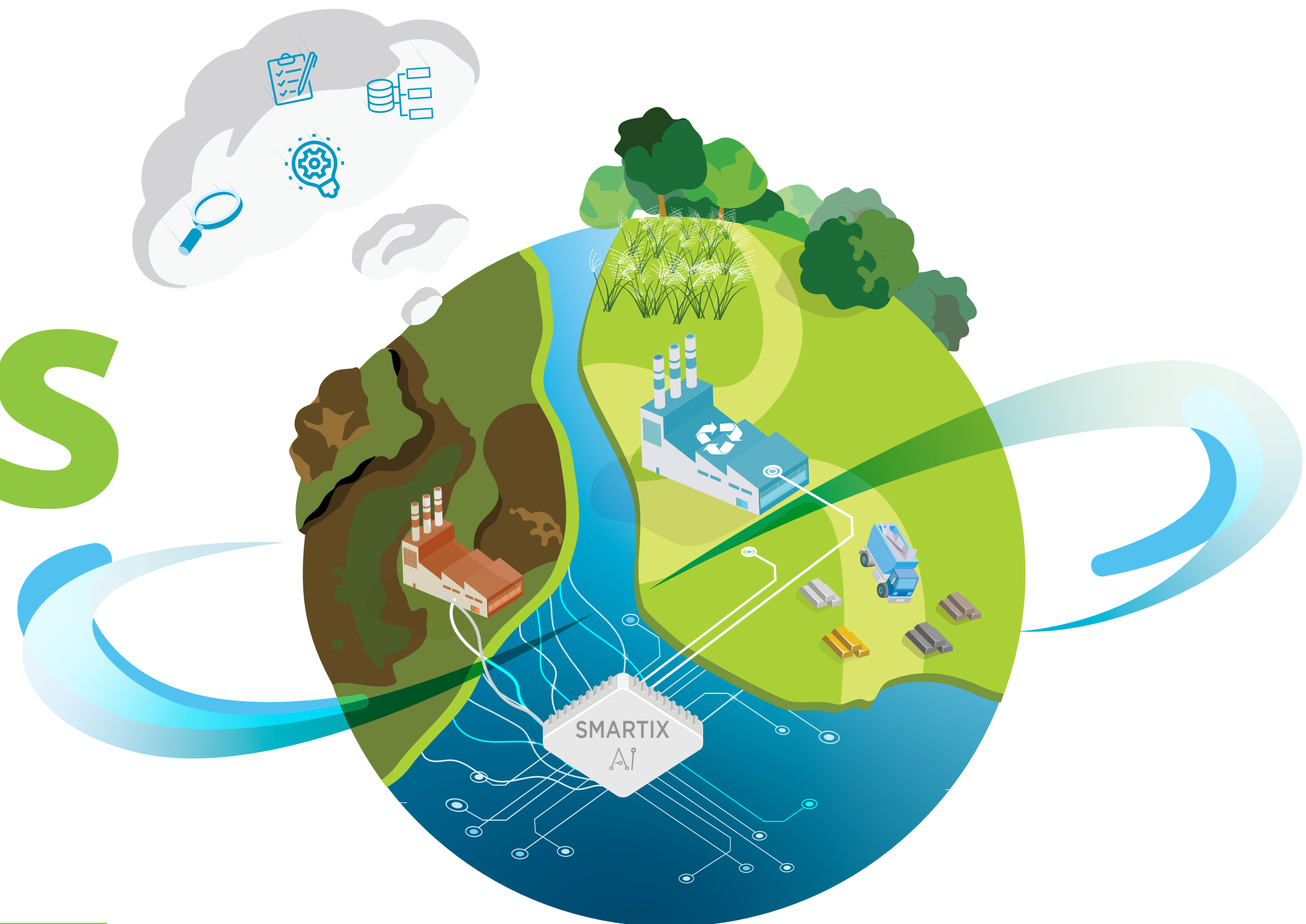


THE NWE-REGENERATIS METHODOLOGY



Rehabilitation of Past Metallurgical Sites and Deposits:
Metal, mineral soil and land valorization opportunities



STEP 1

MESIS



*Metallurgical Sites
Inventory Structure*

Inventory structure adapted
for resource recovery projects

» SMART PHOENIX



Is your site suitable for
resources recovery?
Quick scan tool



STEP 2

SMARTIX

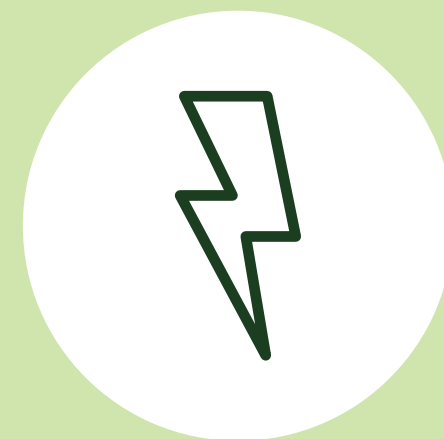
*AI based decision
support tool*

- 1 Identify **geophysical investigation methods**
- 2 **Civil engineering**
- 3 **Metal recovery**
- 4 **Mineral recovery**
- 5 **Ecocatalyst production**

*Recommandations for
valorisation options*

*Innovative site
investigation*

Geophysical Survey



Electrical
methods



Seismic
methods



Electro-magnetic
methods

Non invasive localisation of resources

+ Guided Sampling



Boreholes



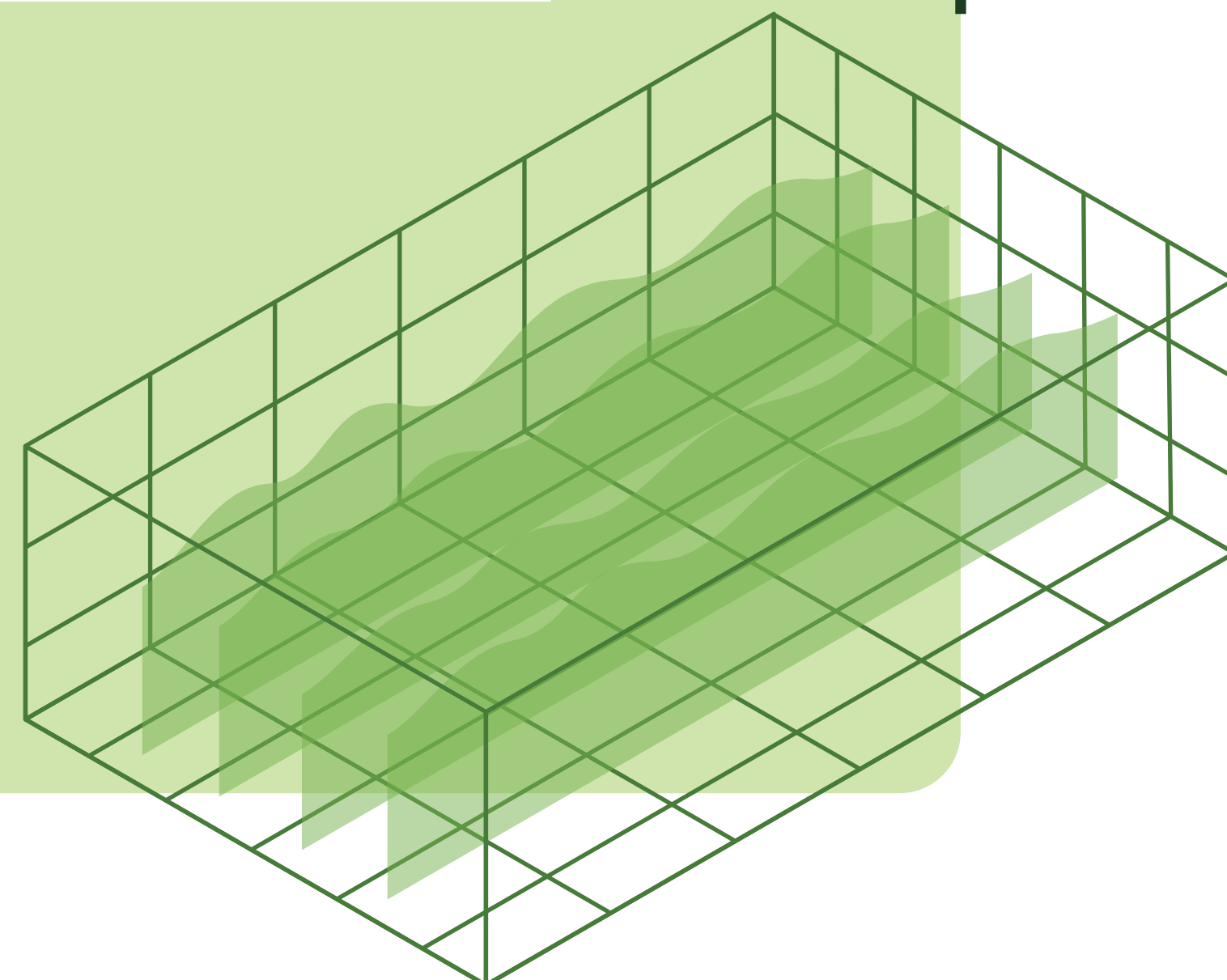
Trenches



Lab tests

= RAPIDM

Site 3D Raw Material
Distribution Model



STEP 3

BUSINESS CASES

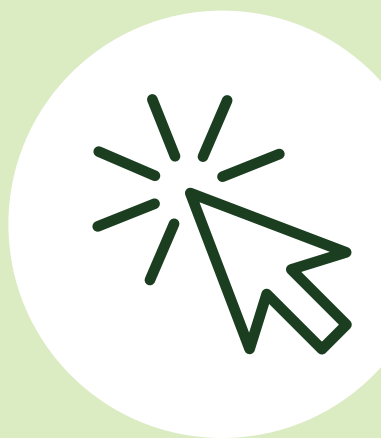


Cost-benefits analysis and societal aspects

DECISION PHASE



Decision to launch the raw
material valorization on site



Open Access platform

Find your partners:
site owners,
environmental
valorization service
providers here



E-Learning tool



Website & contact

Find the tools



nwe-regeneratis@spaque.be

