

Recycling rare earth elements from end-of-life NdFeB permanent magnets **more efficiently**

HARMONY's mission is clear: secure critical value chains, and pave the way for a sustainable, circular economy. The project aims to achieve this by developing a comprehensive recycling process, covering everything from magnet collection and dismantling to metal recovery and magnet production.



**Magnet
collection &
dismantling**



**Powder
production**



**Magnet
production**

Pilots



Pilot 1:
**Collection & dismantling
optimisation**



Pilot 2:
Pyrometallurgy



Pilot 3:
Selective leaching



Pilot 4:
Solvent extraction



Pilot 5:
Electrowinning



Pilot 6:
Gas atomisation

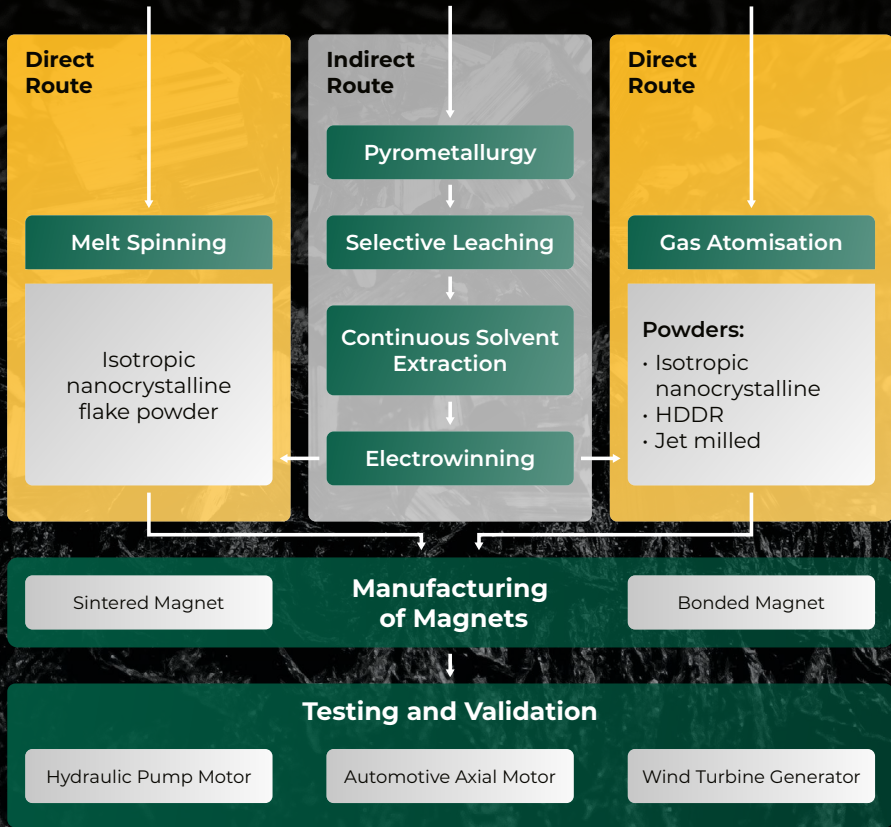


Pilot 7:
Melt spinning



Pilot 8:
NeoLeach

Collection and Dismantling



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