

RESPONSIVE CITIES SYMPOSIUM

DESIGN
WITH NATURE

Ecoresponsible metals produced by plants



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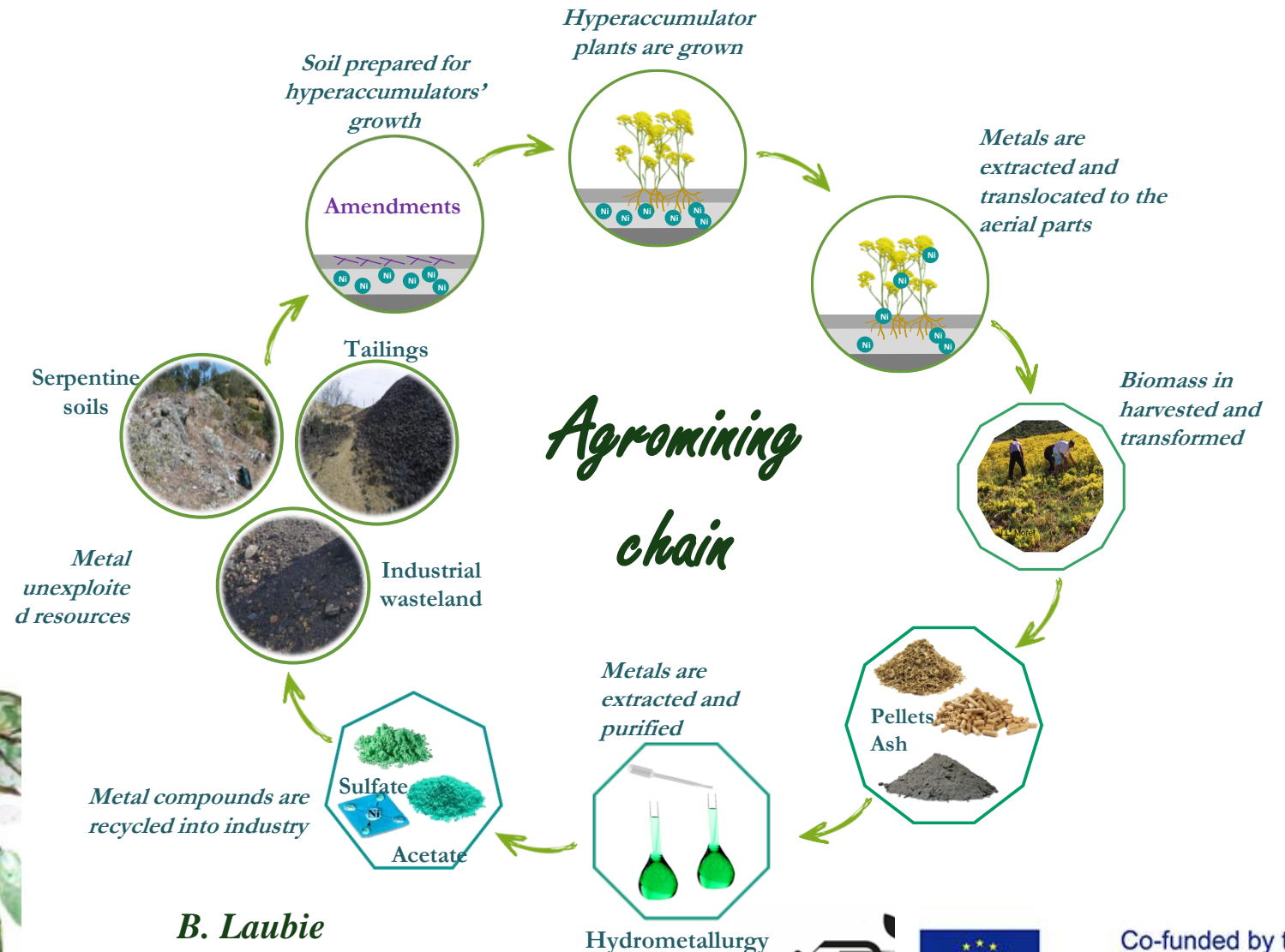
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A company based on nature...



*Ecoresponsible metals
produced by plants*



*B. Laubie
edited by R. Saad*



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A company based on science...



*Ecoresponsible metals
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Eco-friendly hydro-metallurgical processes

Soils and technosoils management

Soil microbial ecology

Soil biogeochemistry and optimisation of the couple
plant/substrate

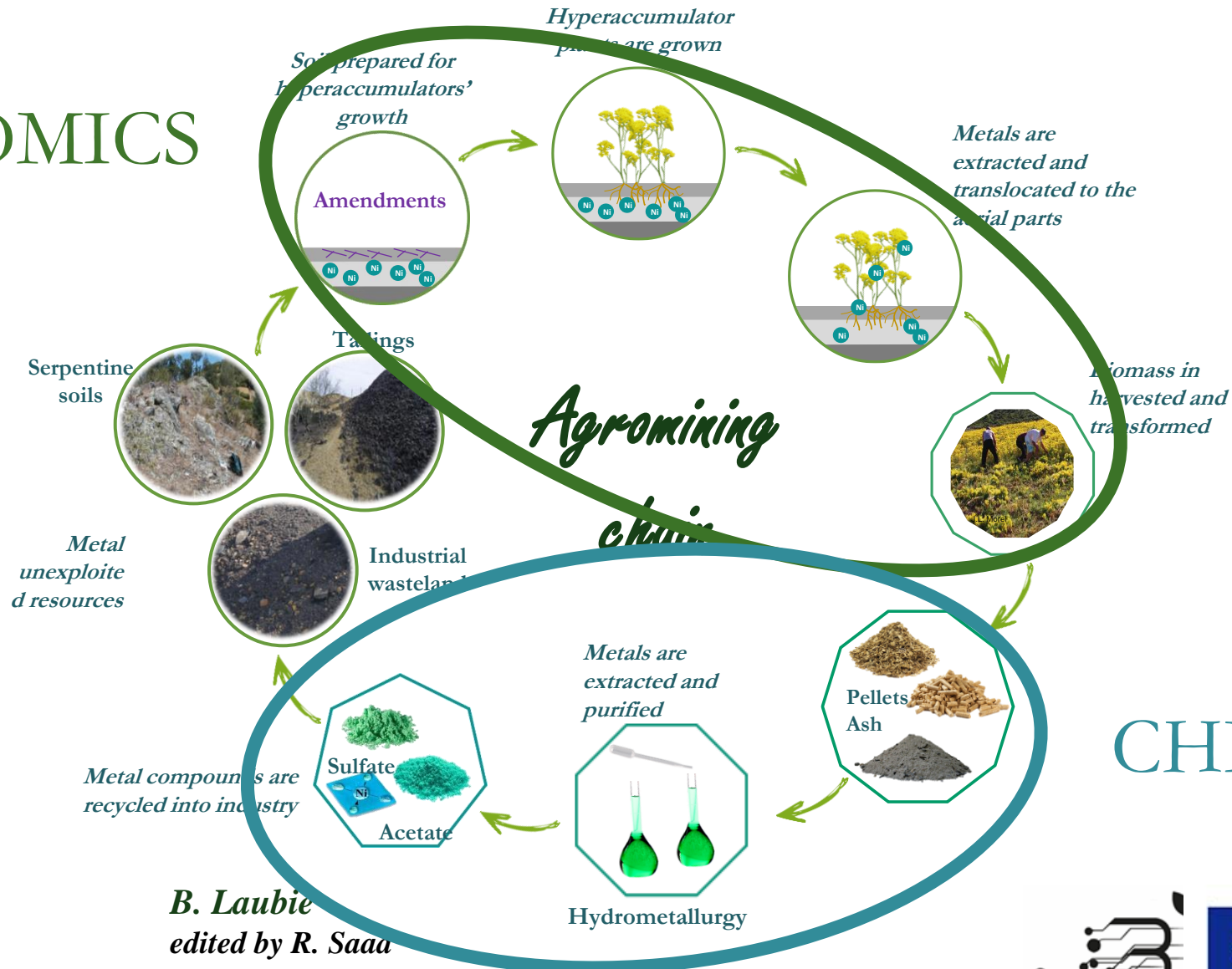
... To apply agromining



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Econick, a mix of research and applications

AGRONOMICS



CHEMISTRY

Agronomic applications

- Soil analysis
- Tests on field and plantations
- Plant nursery

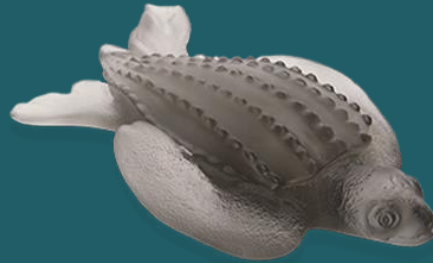
Agronomic researches

- Co-cropping hyperaccumulating plants for the development of sustainable agromining
- Plant selection
- Soil remediation



Chemistry applications

- Bio-sourced nickel production



Chemistry researches

- Research for zinc, cobalt and manganese extraction
- Increase bio-sourced metal production

Agromining services for nature and humanity



Environmental services:

Revalorization of natural or contaminated soils

Biomass production and increasing soil fertility



Esthetic services:

Re-vegetablization and revalorization of abounded soils/industrial wastes/mining areas



Social services:

Providing jobs for farmers especially those with low income and that live in ultramafic areas where it is difficult to cultivate edible crops



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**Thank you for your
attention**



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