

FILLING THE GAP



Sand supply is becoming a worldwide issue: it is the 3rd most used resource in the world and natural reserves are depleting. SLN offers a credible and consistent source of material to source large infrastructure projects over the long term, favouring the circular economy models: the ferronickel slag branded Le Sland.

A wide range of benefits for land reclaiming applications

- Minimal requirements of energy for compaction
- Highly resistant material
- Hardening properties when in contact with sea water
- Demonstrated usage for decades in New Caledonia



Environmentally friendly, on all aspects

- Extremely clean, no organics, no clay, no washing required
- No leachable elements, inert material
- Use a recycled material, stop depleting natural resources!

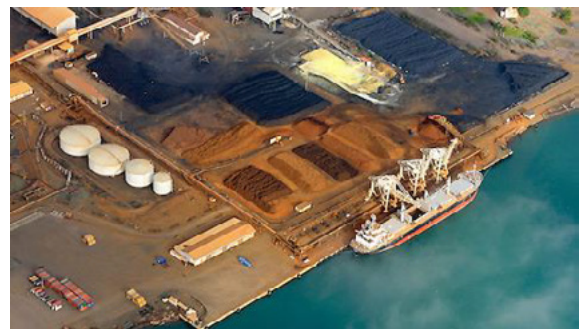


Extensively available and quickly deliverable

- 1.6 million tons produced per year
- 25 million tons of historical stocks

Tailor-made expertise in logistics

- SLN holds unique expertise in logistics and can support your project with a dedicated team
- A dedicated berth is available within the plant for the export



KEY DATA



* FerroNickel Slag is a by-product granulated from the Nickel smelting industry of New Caledonia

Chemical analysis

SiO ₂	MgO	Fe ₂ O ₃	Al ₂ O ₃	MnO	CaO
53%	33%	11%	2%	<1%	<1%

No crystalline silica

Specific gravity: 2.95

Bulk density: 1.49

Water absorption ratio: 0.68%

Bearing capacity

Proctor compaction test - normal (NF EN 13286-2)

γ_d OPN = 1.68 t/m³

W OPN = 4.0 %

Proctor compaction test - modified (NF EN 13286-2)

γ_d OPM = 1.89 t/m³

W OPM = 2.5 %

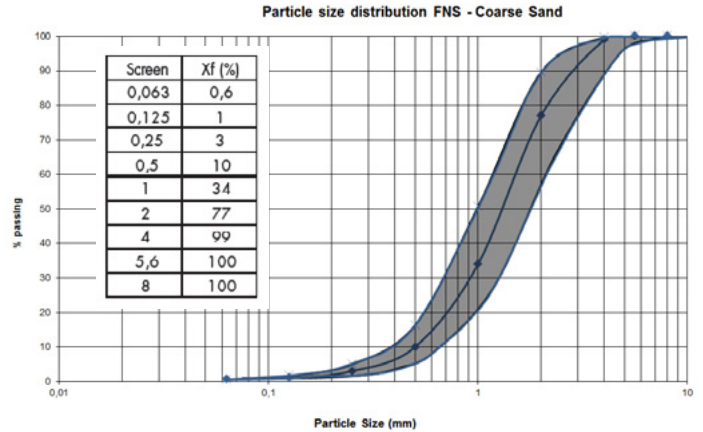
CBR (California Bearing Ratio - NF EN 13286-47)

39 at 4 days

SLN, a world-class player in its market

- Part of the ERAMET Group, major player in Nickel, Manganese and Superalloys
- Operating since 1880
- SLN is the largest ferronickel producer in the world with 55kt Ni produced in 2016
- ISO 9001 & ISO 14 001 compliant

Grain size distribution



Grain hardness and resistance

Loss Angeless Coefficient: 12

Friability factor (NFP 18-577): 7.39

