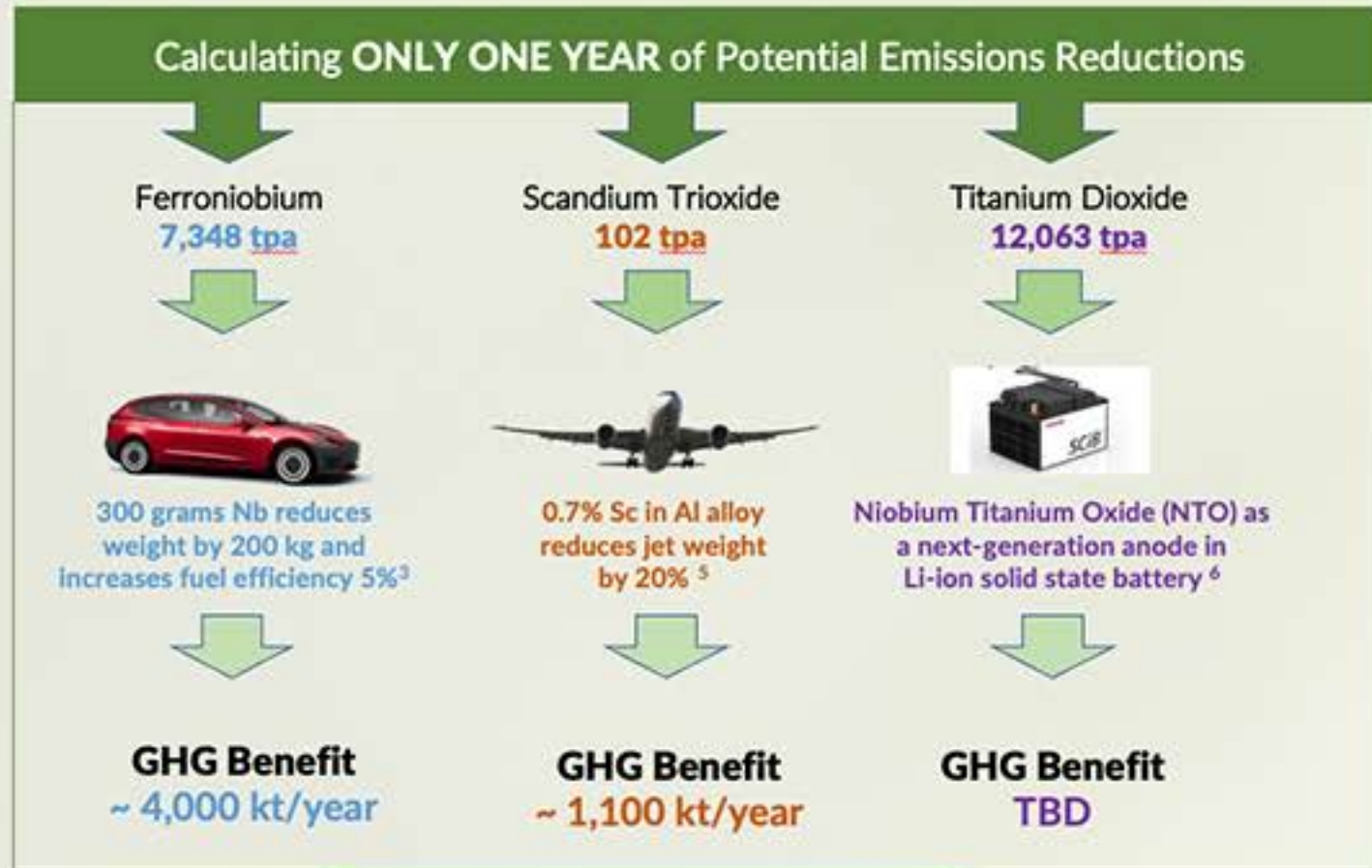


Significant GHG Reductions Potential

Use of NioCorp's planned products in applications such as electric vehicles and commercial aviation could help avoid greenhouse gas emissions because of the higher efficiency these technologies can achieve with critical minerals such as NioCorp plans to produce.



Potential GHG Reductions:
~ 2,100 kt CO₂/y

Potential GHG Reductions:
~ 5,100 kt CO₂/y

TOTAL:
~ 7,200 kt CO₂/y

CONCLUSIONS

- **895 kt CO₂/year:** What NioCorp will emit in producing its critical minerals.
- **8-to-1 Reduction Factor:** Use of NioCorp's products in EVs and airplanes could reduce annual GHG emissions by approximately 8 tonnes CO₂ / year for every 1 tonne of CO₂ / year created in their production by NioCorp.
- **GHG Reductions Likely Higher:** These calculations are based on only one year of operation of vehicles and airplanes. Because both can operate for multiple years, total GHG reductions resulting from NioCorp's products could be much higher than estimated here.

¹ NioCorp is currently evaluating the technical and economic feasibility of adding REEs to its planned product suite.
² REE production numbers cited as an example only.
³ Source: Niobium Tech (CBMM)

⁴ Arnold Magnetics 2012, Bunting 2022
⁵ OnG Commodities 2019.
⁶ Source: CBMM.

