

**SARECO**

Stepnogorsk, Kazakhstan

**CAMEX**

INDUSTRIAL SERVICES & SOLUTIONS

Aschaffenburg, Germany

# Energizing the EV future

**High Purity Manganese Sulphate  
Monohydrate (HPMSM) - 2023**

**Electrolytical Manganese Metal (EMM) - 2024**

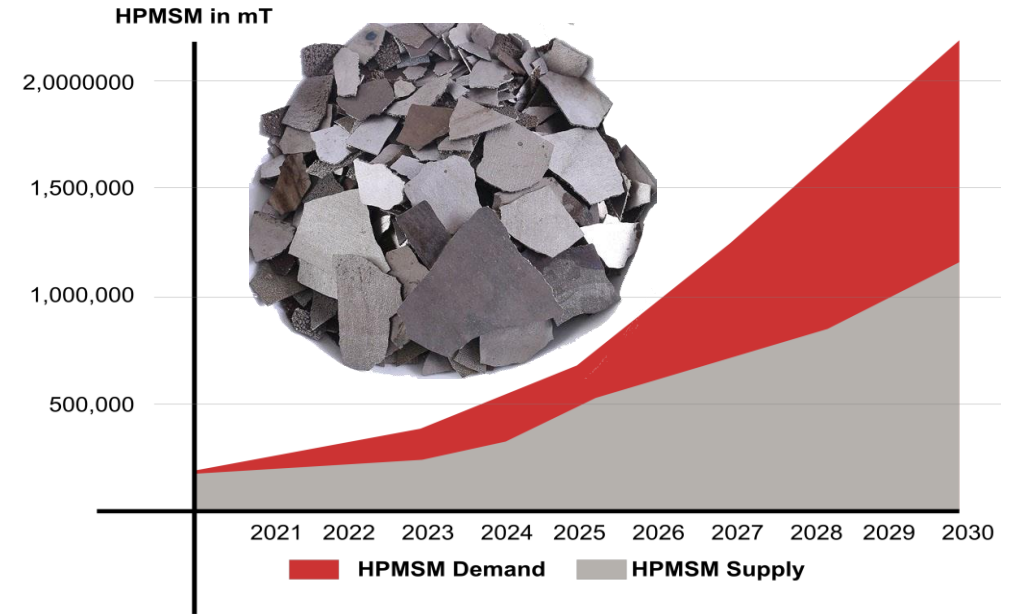
**Independent Kazakh Tier One Producer**

# Opportunity at a glance

- Receive access to a new source of HPMSM and EMM
- Secure your share in our HPMSM output for your battery production
- Become our longterm partner as an off-taker for volume and period as required



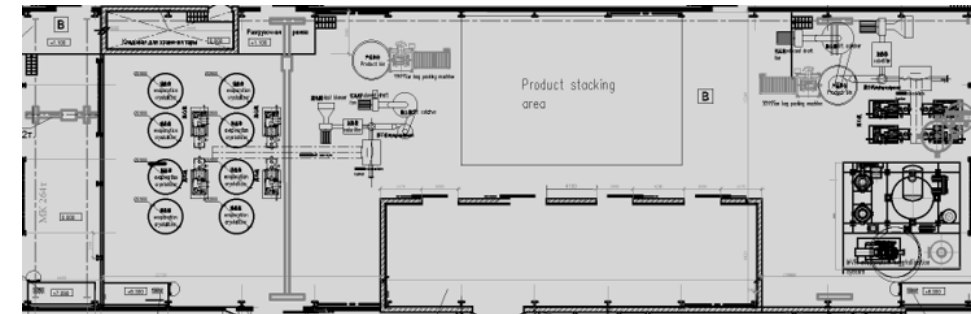
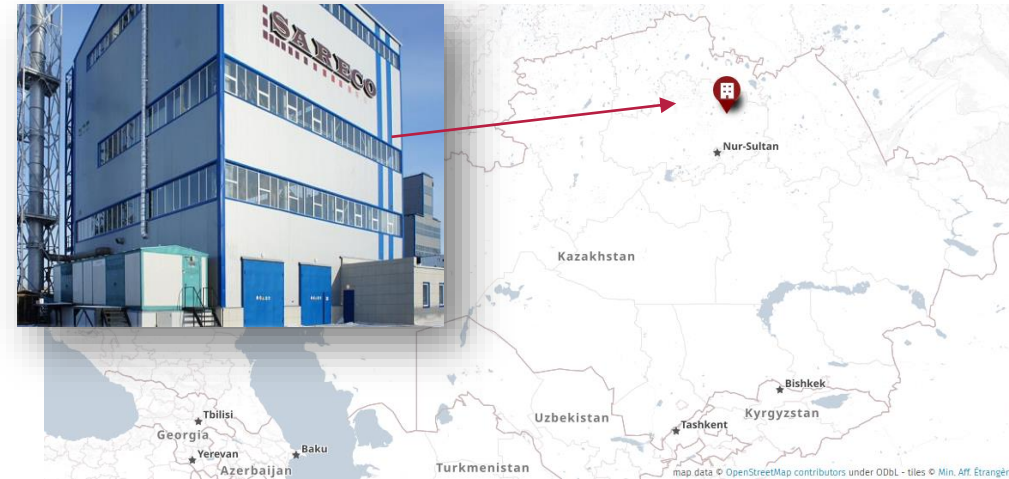
*Participate in the upgrade of facility for future state-of-the-art production lines for EMM*



*Where do you source your HPMSM/EMM from?  
Demand of HPMSM is exceeding supply already.  
Get access to a new source NOW!*

# HPMSM / EMM from SARECO

- 2019:**  
 SARECO is established as an independent Kazakh producer of rare earth concentrates (TREO) and Scandium (Sc)
- 2019-2020:**  
 Ramp-up of production of TREO and Sc
- 2022:**  
 \$15,000,000 have been invested in state-of-the-art production lines for HPMSM.
- 2023-2024:**  
 \$100,000,000 will be invested in a production line for EMM.





# HPMSM/EMM from Kazakhstan

- Estimated output of HPMSM**  
 22,500 mt from 2023 ramping up to some 45,000 mt in 2024
- Estimated output of EMM**  
 7,500 mt end of 2023 ramping up to some 30,000 mt in 2025
- Quality Control and Assurance**  
 Quality meets highest standards and is verified by independent and internal continuous analyses



## Distribution by CAMEX GmbH

- The CAMEX GmbH acts as SARECO's exclusive partner for distribution to EU and NA customers.
- CAMEX is an international trading house for specialty and industry metals, rare earth concentrates and cenospheres (alumina-silica microspheres) and offers consulting services to its industry clients.
- CAMEX maintains warehouses in Germany and several other locations where security stock can be stored
- Headquarter located at Aschaffenburg, Bavaria, Germany.



## Next Steps – Proposed Form of Cooperation

- Exchange requirements and ideas
- Visit SARECO and CAMEX to get acquainted with the producer and the distributor
- Define form of cooperation
- Sign MOU/LOI for becoming an off-taker for HPMSM (and future EMM) produced by SARECO/CAMEX.
- Sign mr off-take agreement with SARECO/CAMEX for amount and term to be discussed





## Contact us for more information!

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