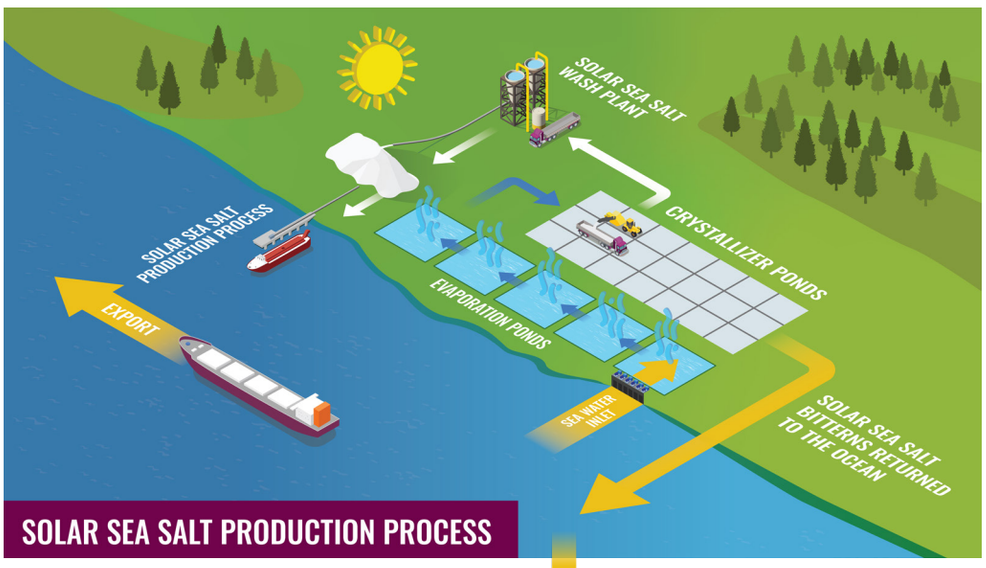
K-UTEC SALT TECHNOLOGIES

Unlocking New Value from Solar Sea Salt Bitterns

Over 360 Mt of salt is produced globally each year and 39% of it comes from solar evaporation of seawater.

Solar sea salt production is low-cost, highly efficient, and contributes to roughly 140 Mt of annual salt produced globally. However, these operations also return ~250 Mt of concentrated brine - known as “bitterns” - back to the ocean after salt is harvested.



This “waste”/unused bitterns stream is naturally rich in potassium, sulphate, magnesium, and other valuable minerals.

K-UTEC’s patented Schoenite process can recover Sulphate of Potash (SOP) from these bitterns.

**Patent DE102009018956B4*

A powerful circular-economy opportunity exists right here!