

Värmning av stål med vätgas med stora samhällssynergier

Presentation 2022-01-28, Göran Nyström



OVAKO: A world leader in steel circularity and carbon-neutrality



High-performing clean steels that enable large energy and CO₂ savings



New from 2022

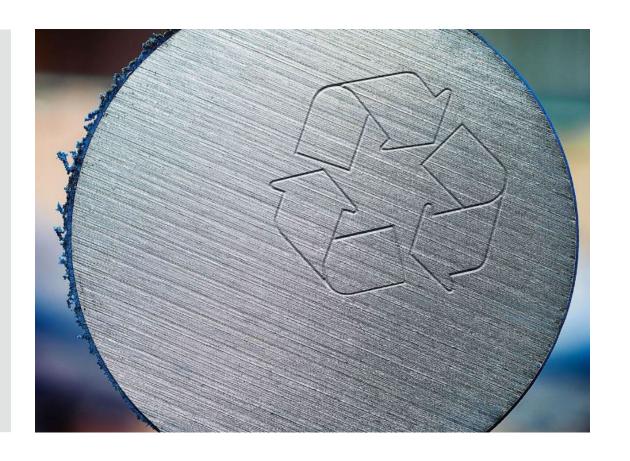
100% carbon-neutral production and products with leading carbon footprint



Products that are 97% scrap-based

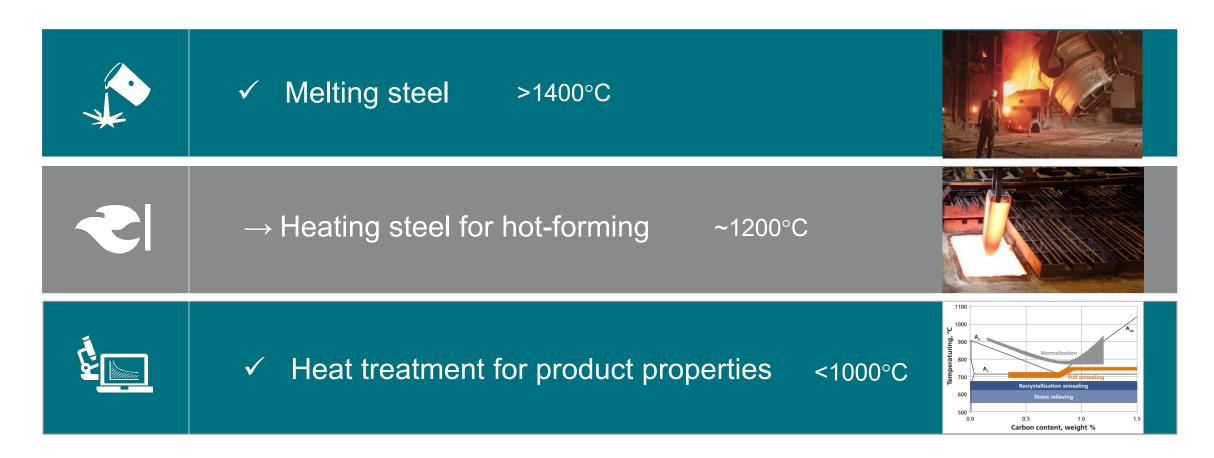


Leadership in projects to further improve sustainability position



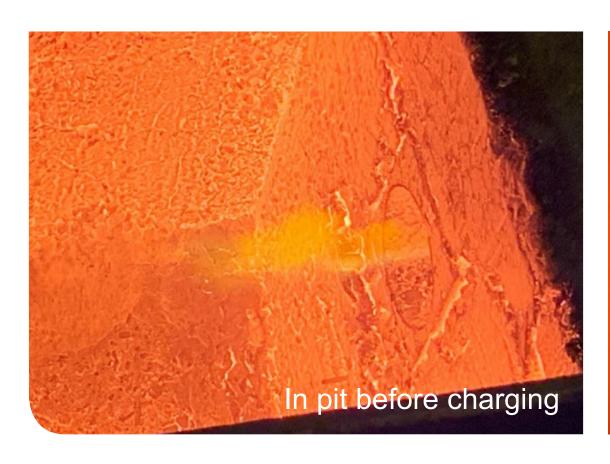


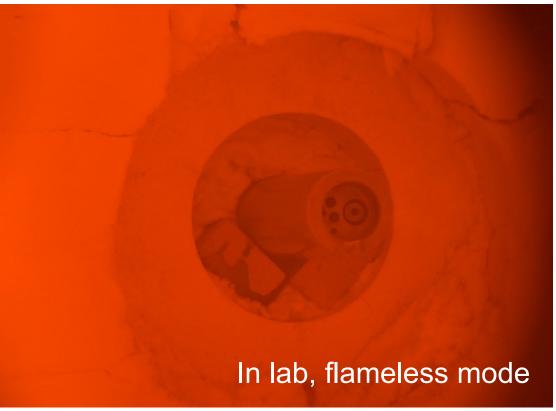
Ovako has one main area remaining for electrification



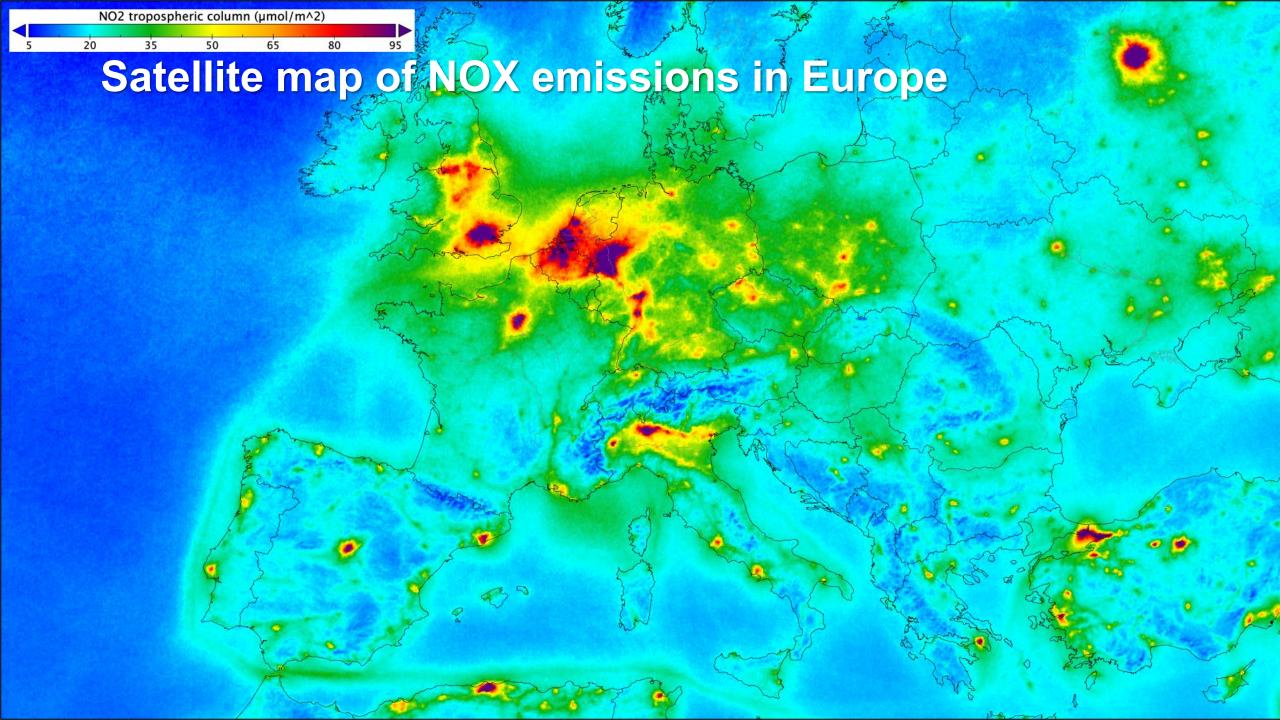


A key enabler for cost-efficient electrolysis: Oxyfuel – also energy efficient and reduces NOx emissions

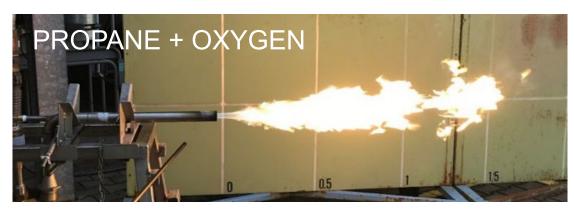


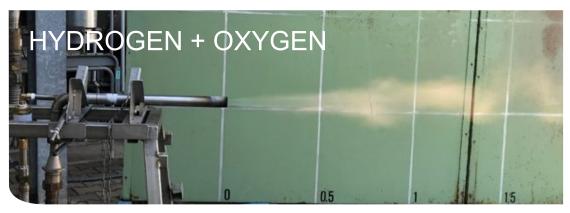






2019-2020: Technical proof of concept









2021-2023: First implementation of H2 for steel heating







MED FINANSIELLT STÖD FRÅN Energimyndigheten















June 2021: First full-scale hydrogen project launched



