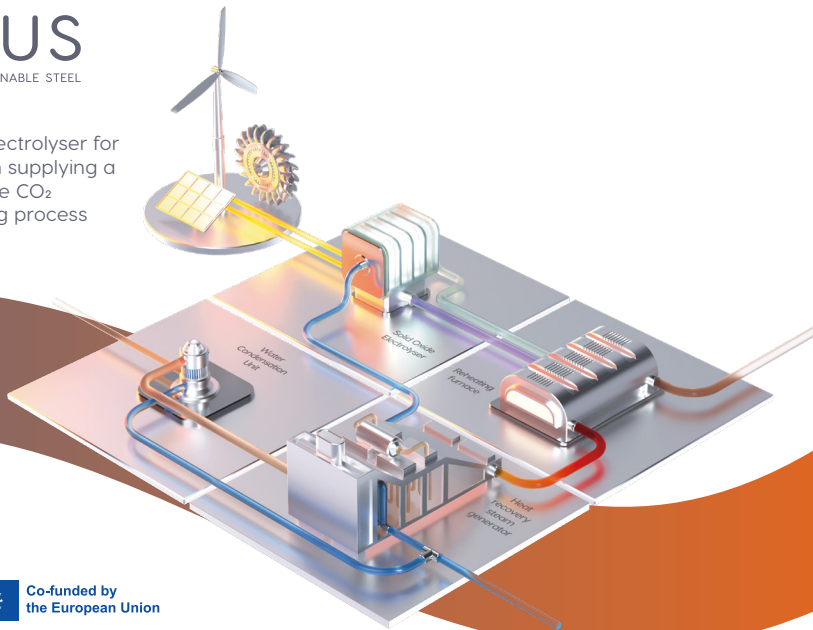




SYRIUS

HYDROGEN FOR SUSTAINABLE STEEL

Integrating a Solid Oxide Electrolyser for green hydrogen production supplying a reheating furnace to reduce CO₂ emissions from steelmaking process



Co-funded by
the European Union



Partners



Objective

SYRIUS aims at **integrating a SOE** in a reheating furnace in a real steel manufacturing plant, **dropping down electric consumptions and CO₂ emissions** while enabling heat recovery and circularity.

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