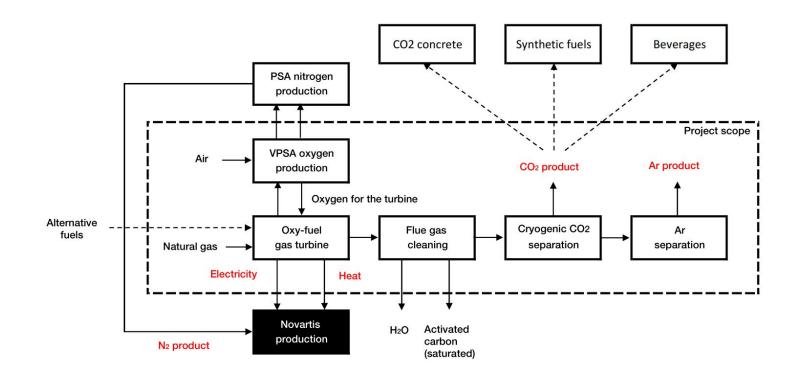


# BEFORE & AFTER: OCTAGEN MULTIGENERATION

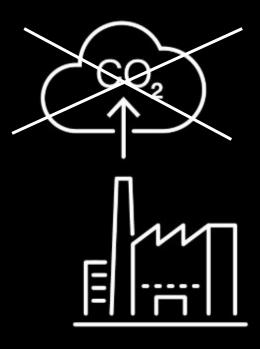
# Natural Gas Nitrogen Electricity Nitrogen Nitrogen

And No NOx!

# NEW SETUP: OCTAGEN MULTIGENERATION



# And No NOx!



INNOVATION: MULTIGENERATION-ZERO EMISSION TURBINE

Oxy-Combustion Gas Turbine with CO2 capture

Fuel Products

Natural gas Electrical energy

Diesel Heat

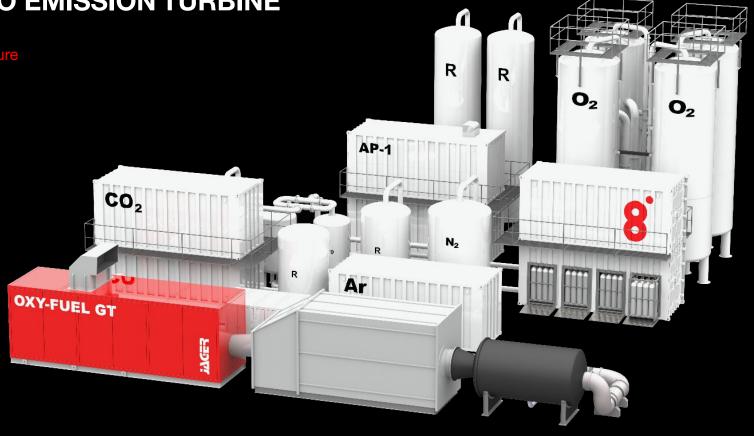
Synthetic fuels Oxygen

Bio fuels Nitrogen

Carbon dioxide

Argon

Neon

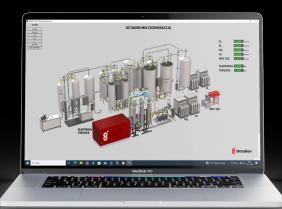


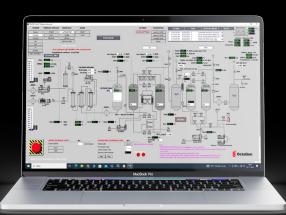




# MATURITY OF THE PROJECT

- IJS Institut "Jožef Stefan" prove of concept confirmed
- Pilot plant in operation (up to CO2 capture)
- Pilot plant connected to SCADA and concept proved
- All infrastructure setup in Novartis Mengeš finished and ready to use
- Contract with Novartis signed, building right in Novartis Mengeš acquired and building permit for 1st phase obtained

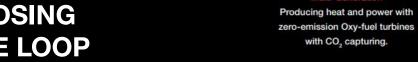






# **CLOSING**

# **THE LOOP**



Putting CO, to good use for cleaning with minimal downtime.



Converting waste into useful Syngas fuel with plasma gasification.



Simultaneous production of Oxygen, Nitrogen, CO, and Argon.

Embedding CO<sub>2</sub> emissions in concrete and making it stronger.

Zero-emission platform with capture and storage of greenhouse gases.

Production of hydrogen, a clean fuel from biomass and waste.

