

Heat Recovery in ITW Mikalor Plant

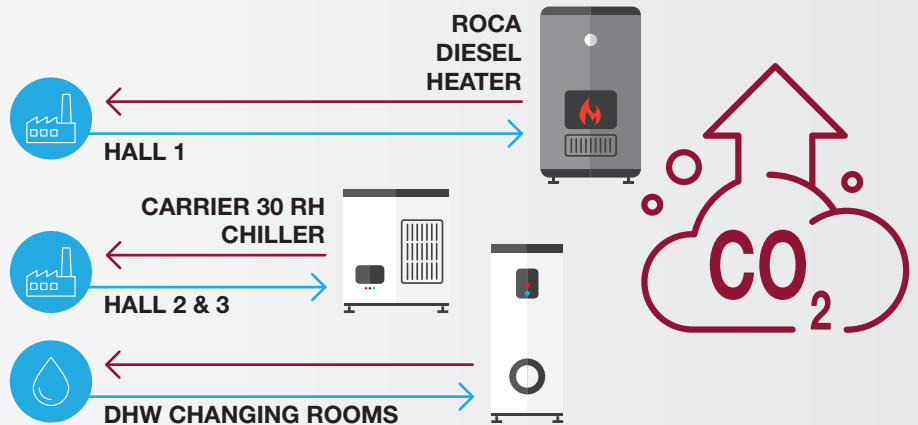
A Sustainable Strategy

PREVIOUS SYSTEM

High energy consumption in winter:

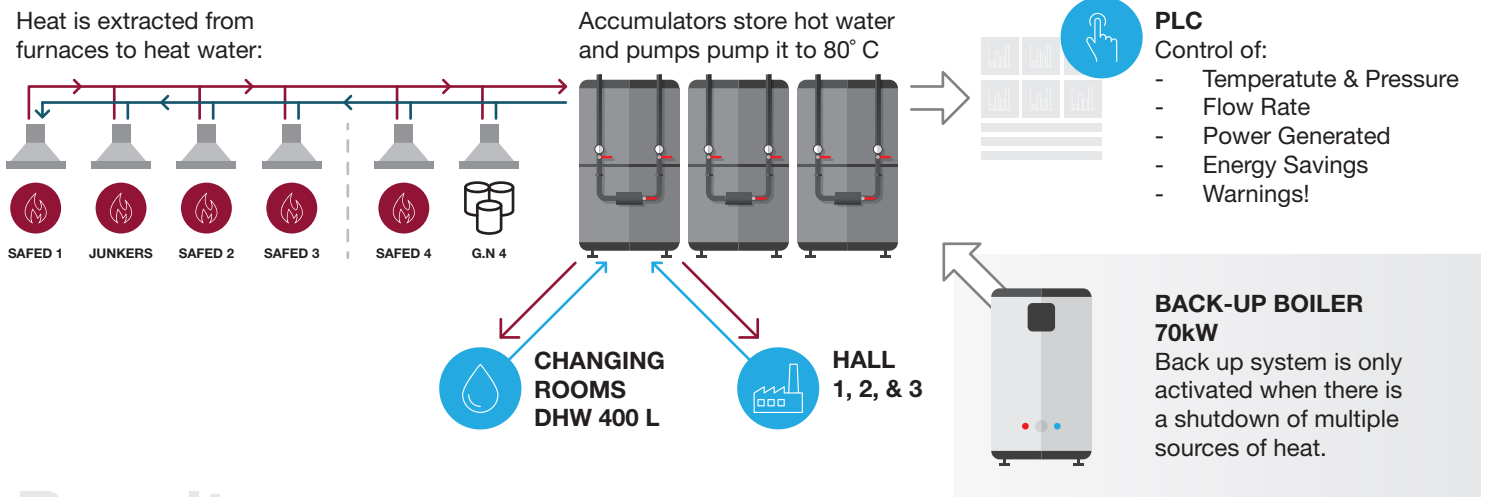
- 40,000 L diesel expenditure
- Carrier 180,000 kWh
- DHW heater 20,736 kWh
- Electric stoves 33,600 kWh

Emission of 111,600 kg/CO₂



NEW SYSTEM

Heat is extracted from furnaces to heat water:



Results

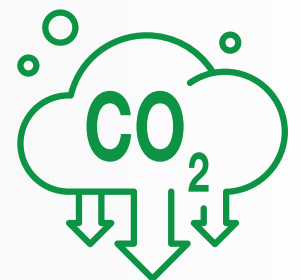
CONTRIBUTING TO A SUSTAINABLE FUTURE

- Resource efficiency
- Increasing ITW's independence from both energy suppliers and market movements
- Climate change mitigation and climate neutrality

POSITIVE IMPACT ON THE WORKER

- Improved workplace comfort during winter

EMISSIONS REDUCTION



kWh Annual Savings:
759,336 kWh