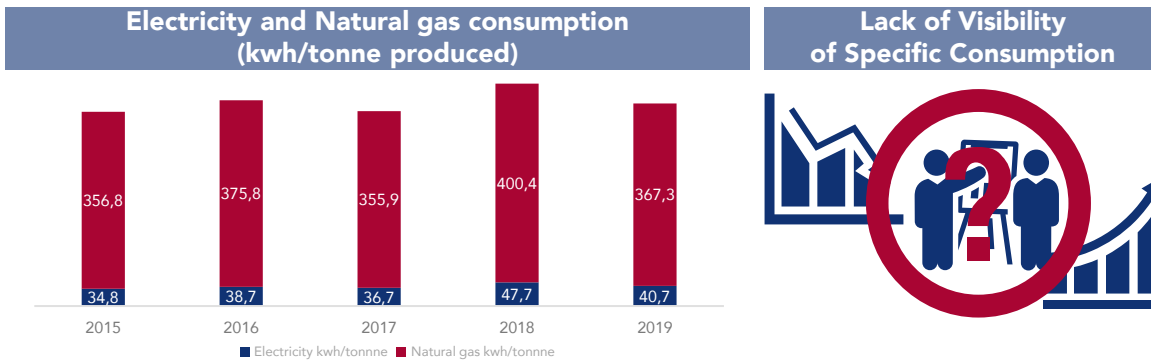


# Energy Efficiency in Food Industry

## PICTURES BEFORE



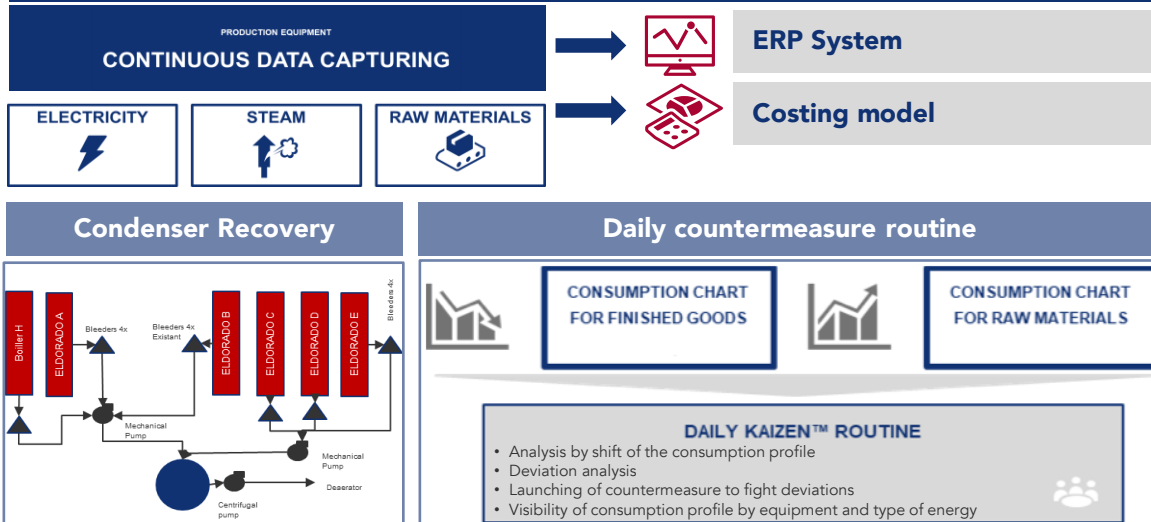
## Problem

- Average water consumption of 0,12 m<sup>3</sup> per tonne produced
- Average electricity consumption of 40,7 kWh per tonne produced
- Average gas consumption of 335,6 kWh per tonne produced

## Root causes

- Limited visibility of detailed information related to the consumption of steam, electricity and raw materials
- Lack of detailed information to enable the launch of effective countermeasures to correct deviations in equipment consumption

## PICTURES AFTER



## Solution Approach

- **Continuous in-line measurement** of electricity, steam and raw materials consumption. These measurements will serve as the basis for the costing model and parameterisation of products in the system
- **Visibility of detailed consumptions** in visual format. These consumptions are analysed in a daily routine which includes the definition of countermeasures
- **Condenser recovery** through maintenance and replacement of equipment and components

## Benefits

