

## Measurement: the first step to improved performance



Whether you want to improve operational performance, decrease utilities' costs or reduce your environmental footprint, you first need to measure.

Measuring operations will help you understand where you are and where you can go. It lays the foundation for your sustainability and optimisation journeys, enabling you to reach your environmental goals.

The better the instrumentation, the better the data – and the better you understand your performance. What you choose to improve is up to you, and Tetra Pak can guide you on your journey. What are your focus areas?

- Water and energy consumption
- Product quality
- Waste
- Output

### Your single source for all your monitoring needs

We work with renowned global leaders in the field of instrumentation. Some specialise in measuring flow and pressure, while others in energy metering and water use. Tetra Pak provides this easy access, without having to contact multiple sources.

Utilities consumption such as steam, and water have taken on an increased priority in the recent years. The latest measuring instrumentation can be installed on older equipment, capturing critical data to help optimise production regardless of equipment age. In the end, what's good for the bottom line is also good for the environment.

### A system to measure, monitor and control

Our expertise in the food and beverage industry and working closely with our partners puts Tetra Pak in a unique position. We can support our customers in choosing the right solution for their focus areas. Integration with automation and information systems will help create a platform to improve performance and give our customers complete visibility of their operations directly from the plant floor.



*Instrumentation is the key to unlocking a vast potential, be it financial savings, operational efficiencies, or being kinder to the environment and our future. It is not just the factory's compass, laying out the direction, but also serves as the mile-marker on the journey to excellence.*



**Rehan Younas,**

Senior Product Manager Plant Components at Tetra Pak®

### Case studies

A cheese producer in France installed an optical sensor to detect phase separation, which helped to reduce overall CIP by 15 minutes, using 32% less chemicals and increasing equipment availability by one hour per day.

A global FMCG manufacturer installed a monitoring system which included a turbidity meter, a conductivity meter and other Plant Components on their steam system, resulting in savings of nearly €75,000/year.