



OUR VISION

We commit to making food safe and available, everywhere





Tetra Pak® - Who we are

End-to-End Solutions

As leading innovator in the food processing and packaging industry, Tetra Pak® provides end-to-end solutions that deliver products of outstanding quality and consumer appeal, while maintaining the highest standards of food safety, operational performance and sustainability





Consultancy Processing Food Protection

Automation Sustainability Services Packaging

Distribution Marketing



Tetra Pak® Business 2017

65 years working alongside food producers





Protecting Food, Protecting People, Protecting Futures

The pillars of our brand and the chapters of our sustainability story



Safety, Quality & Availability
Protecting your products
with our processing &
packaging solutions

Employees, communities & society at large

Safeguarding, supporting and developing those whose lives we touch



Materials, water.

Materials, water, CO₂ & more

Pursuing environmental excellence along the entire supply chain

Innovative technologies & smart solutions

Understanding and supporting our customers' business growth ambitions





Key Customer Demands

Environment is a top priority for our Customers













Major food manufacturers have water targets

Because water is an ethical and economical matter



- ► Environmental issues are becoming increasingly important for food industry, driven by public awareness and demands from retailers and governmental authorities.
- Many of our customers have ambitious environmental programmes and targets to reduce their impact on climate change and fresh water resources.
- ▶ By providing solutions that reduce water consumption, and limit product losses, Tetra Pak can help its customers achieve their environmental objectives and reduce their operational cost at the same time.















Major food manufacturers have water targets

Water Reduction Strategy Towards 2020





All newly-built factories will aim to abstract less than half the water of those in 2008 baseline



60% reduction of water consumption in factories by 2020



Improve water efficiency in manufacturing operations by 25% by 2020



A reduction of 2% per year is wanted



Help protect and conserve global water supplies, especially in water-stressed areas

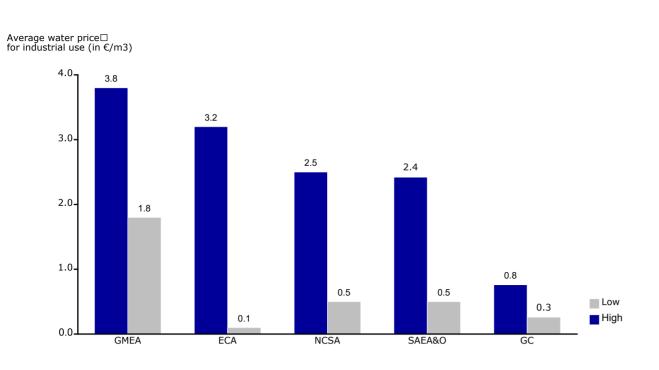


Achieve an overall reduction of 35% in 2020

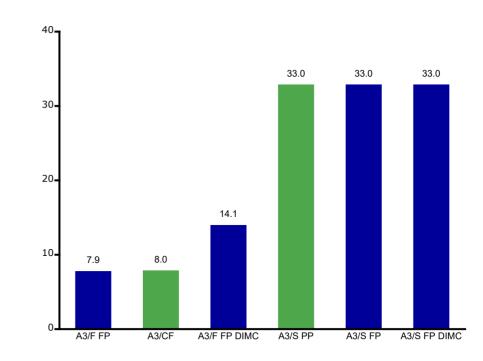


Water price for industrial use Vs FMs water consumption

Re-use discharged water is an increasing demand

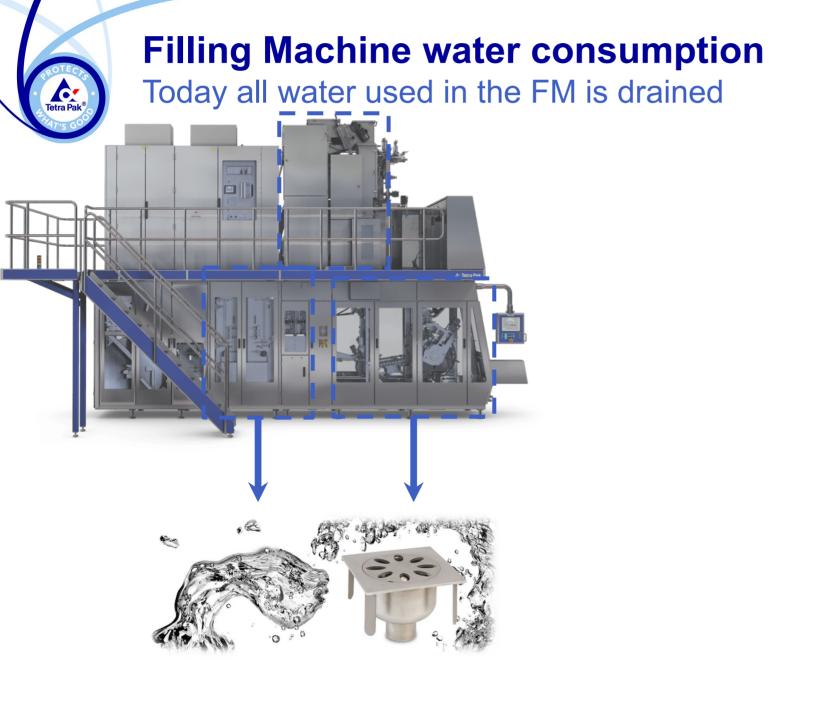


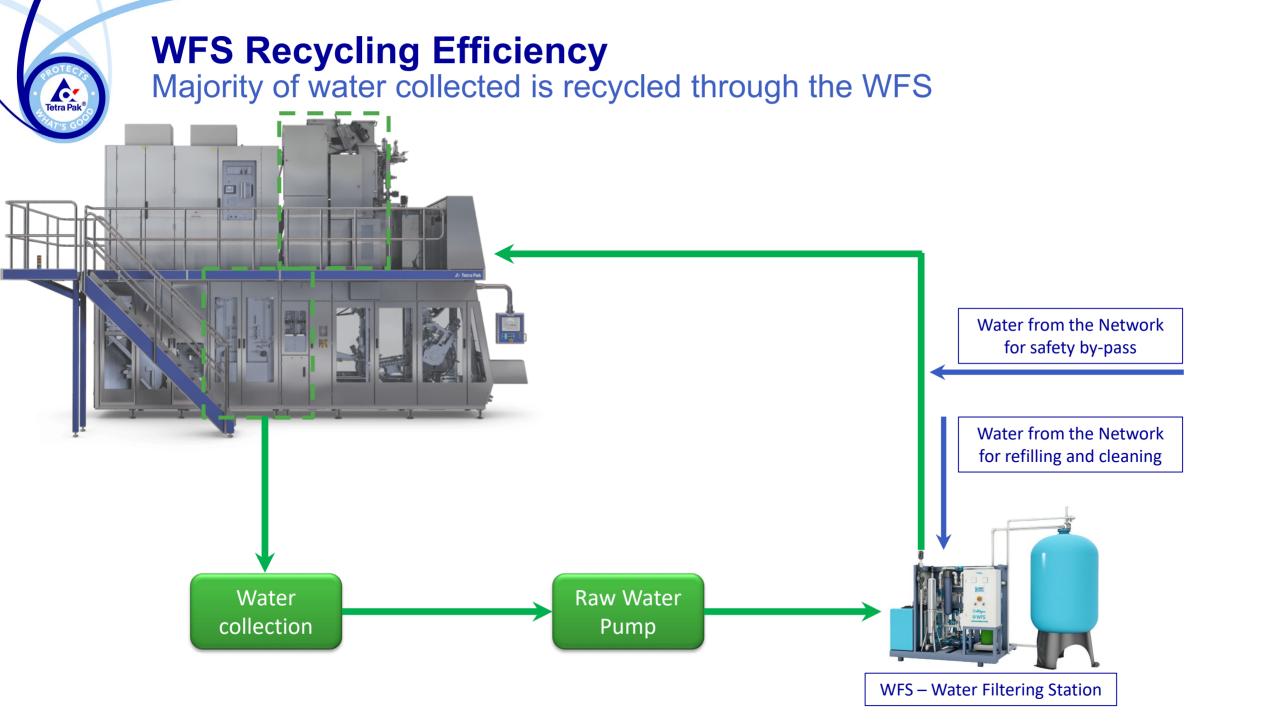
Filling Machine Average
Water Consumption in Production (I/min)







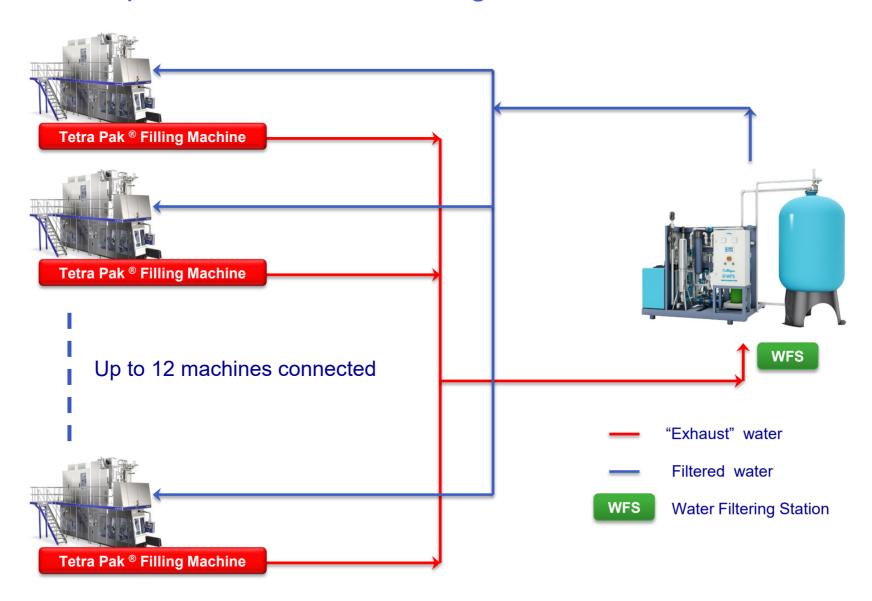






WFS - The technical solution

Closed loop to acheive water savings





WFS – Water Filtering Station Reduce water consumption

KEY BENEFITS

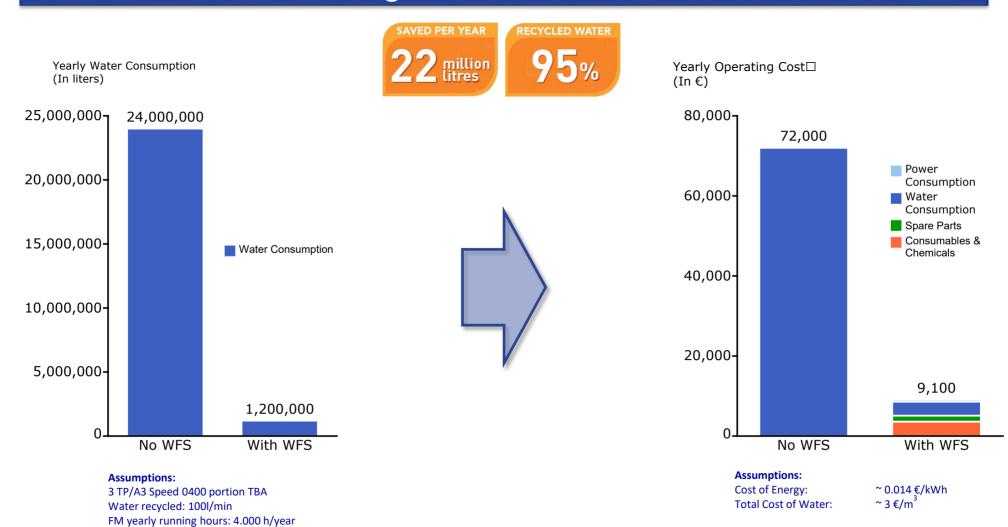
- Improve water-use efficiency
- Water cost reduction
- Improve environmental profile
- Reduce your environmental impact in water scarce areas
- Improve filling machine component lifetime by improving water quality
 - Filtered water is free from H₂O₂, particles, oil, grease and other contaminants
 - Reduced maintenance time





WFS – Water Filtering Station Case simulation

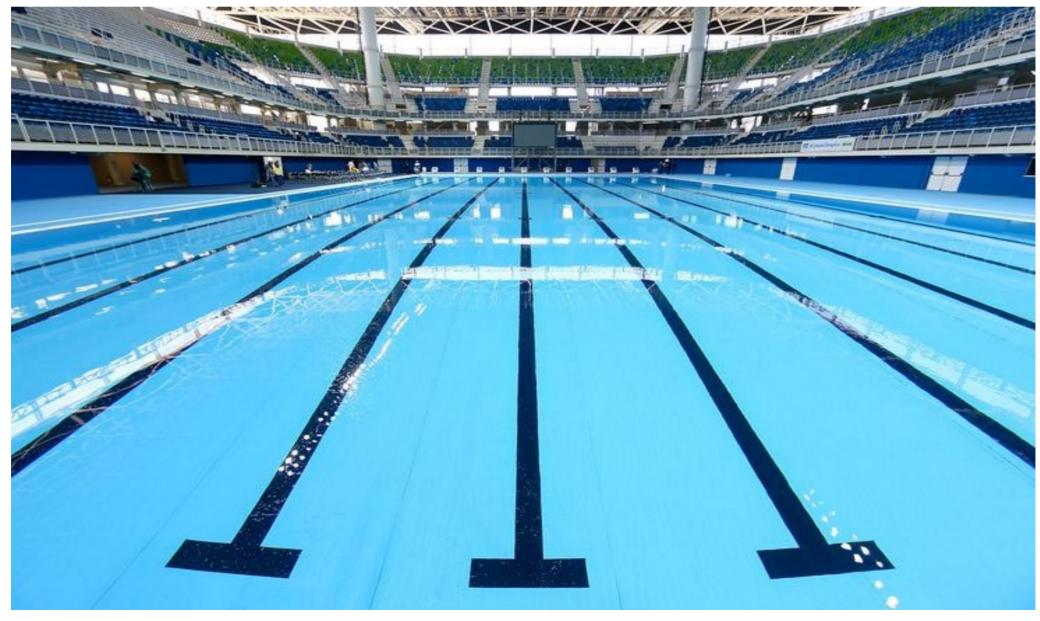
Savings on water costs ~95%





WFS – Water Filtering Station

7 Olimpic Pools Saved per Year



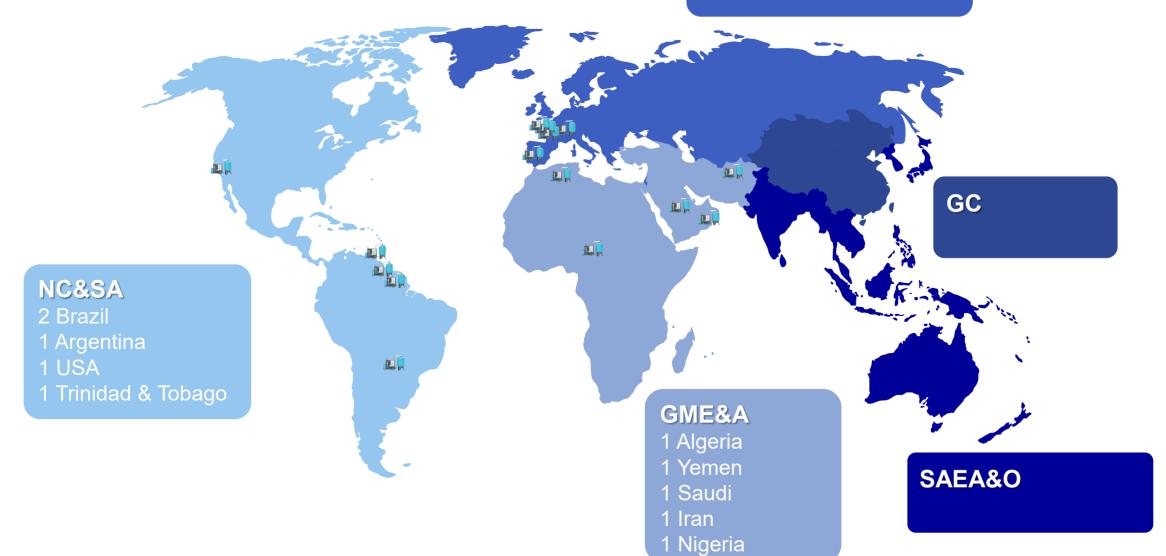


WFS Installed Base Worldwide

15 Units installed so far

E&CA

- 3 France
- 1 Germany
- 1 Spain





Questions?



