



E-BROCHURE

Food & Beverage Applications

Maximize uptime and reliability

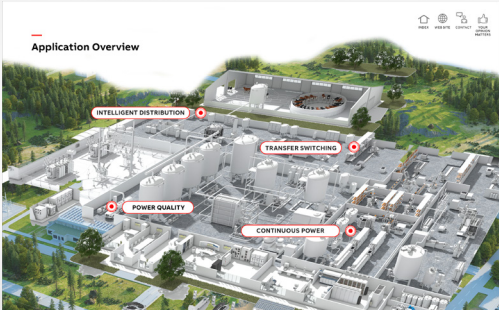
What you will find in this document

Navigate through this document if you want to discover what ABB can offer you.

How?



Click on the interactive infographics for more detailed information.



Power Quality Application

Protect the electric power from the most threatening Power Quality events, thereby ensuring smart process continuity, efficient operation and enhanced productivity.

Power Quality for Process Loads

Power Quality for Point of Common Coupling and Non-linear Loads

Key values

- Maximised operational availability
- Intuitive design
- Quick Return On Investment
- Maximised

Where?

Explore the interactive landscape of ABB Applications to find the one that best suits your needs.

Explore

Click on the Application you're interested in to explore our offering.

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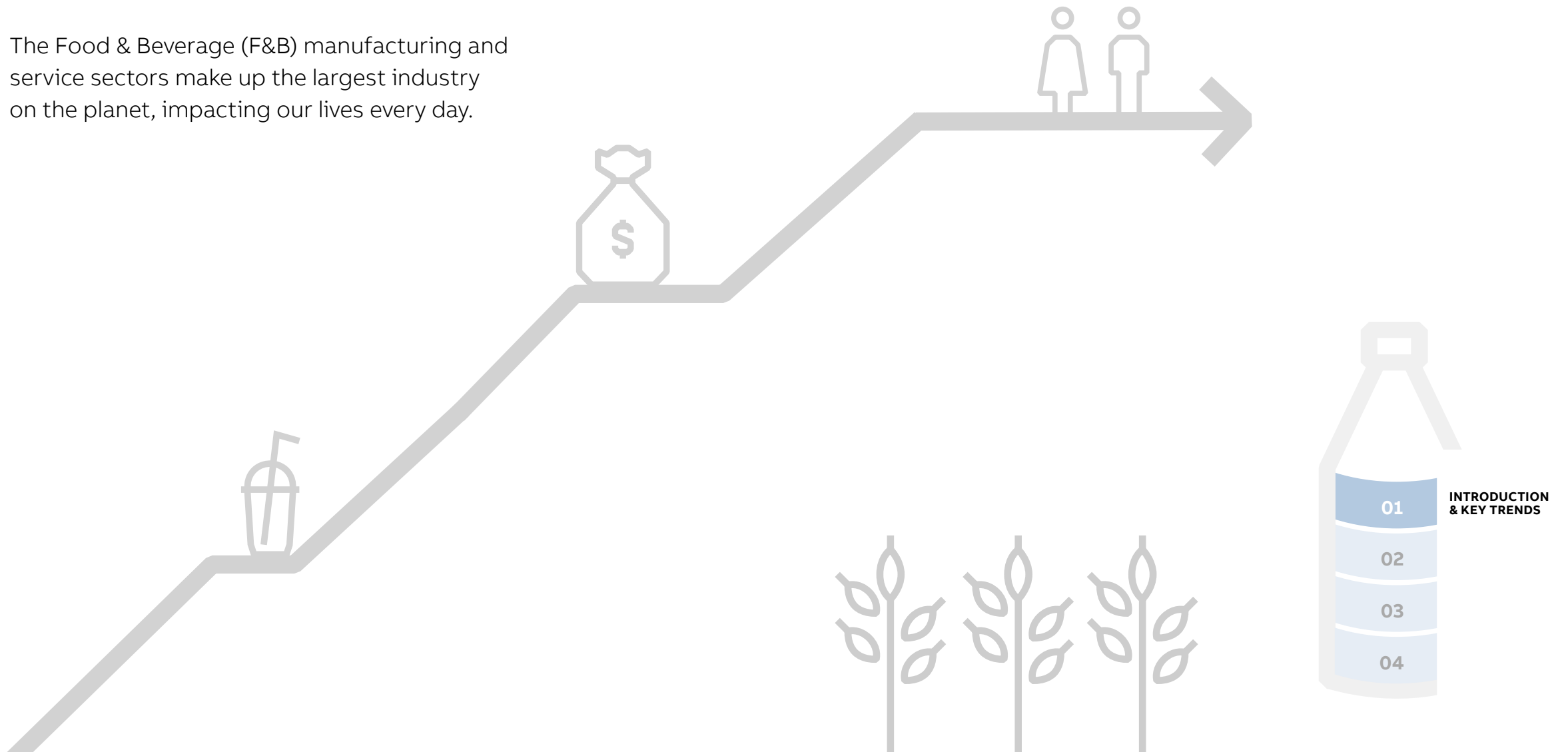
Introduction & key trends

As the demand for food grows, Food & Beverage factories must run 24/7 to provide higher efficiency and productivity, while achieving sustainability goals.

Market trends

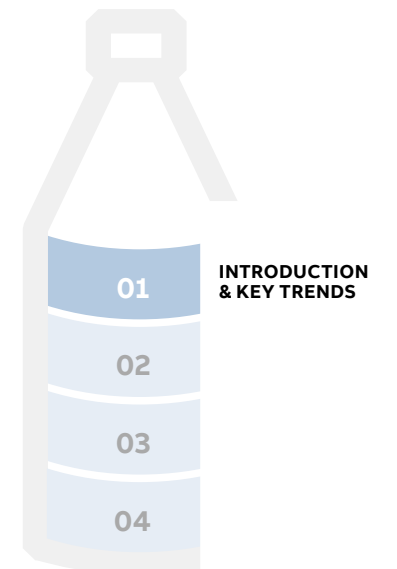
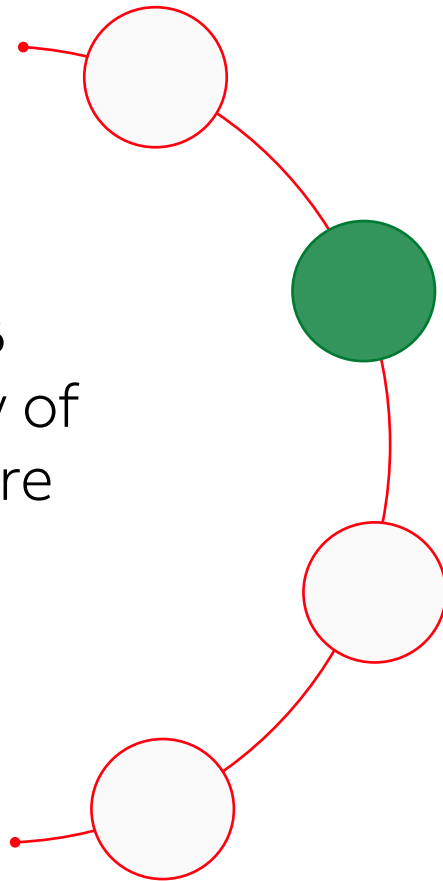
What are the expectations?

The Food & Beverage (F&B) manufacturing and service sectors make up the largest industry on the planet, impacting our lives every day.

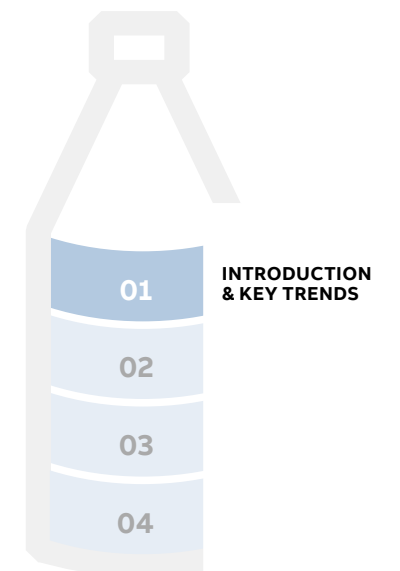
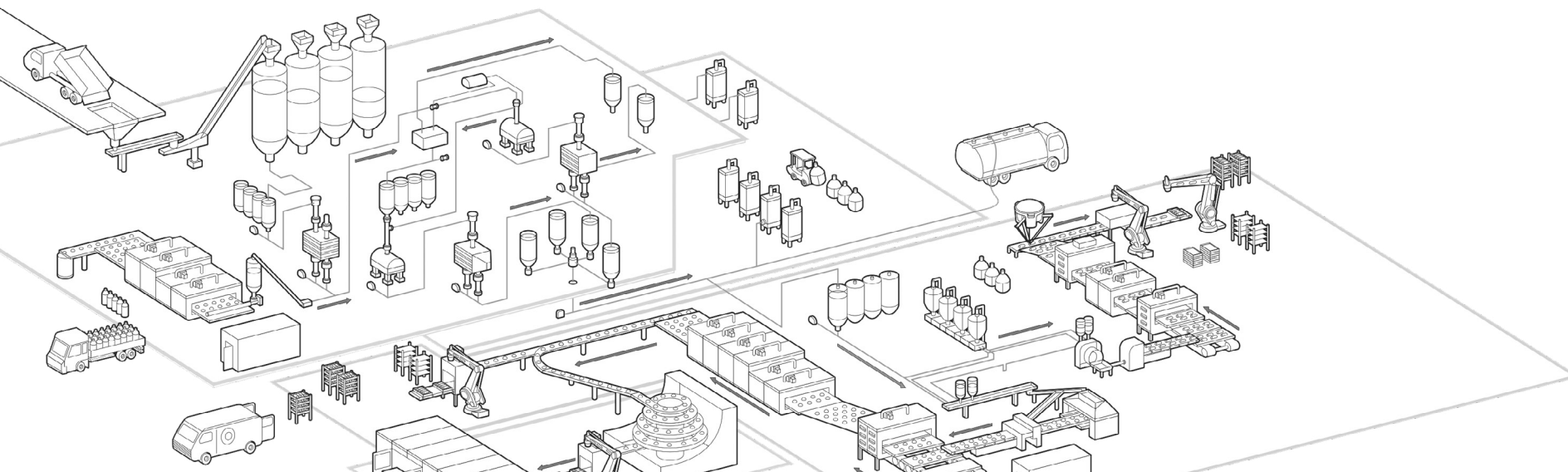


Key challenges and trends

The F&B
industry of
the future



Facts & Figures



Why do we need reliable power?

02

A continuous, reliable power supply is business critical in the Food & Beverage industry, to guarantee the quality and safety of food products and avoid recalls.



Food recalls

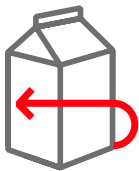
Processing defects as one of the main cause



Food recalls

Financial impact and key facts

Adverse effects of food recalls



Increased costs
> 10-30\$
million per recall
average



Market shrinkage
> 20-35%
market size



Brand deterioration
> 83%
may rename
the brand

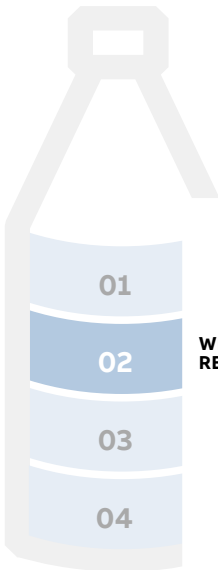


Consumer Safety
128.000
hospitalizations
annually



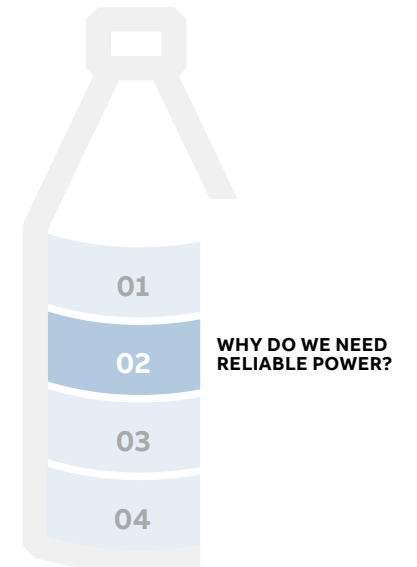
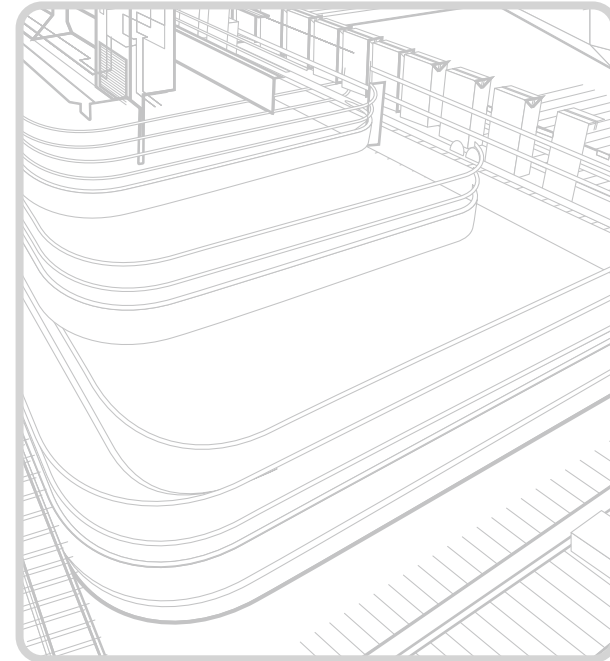
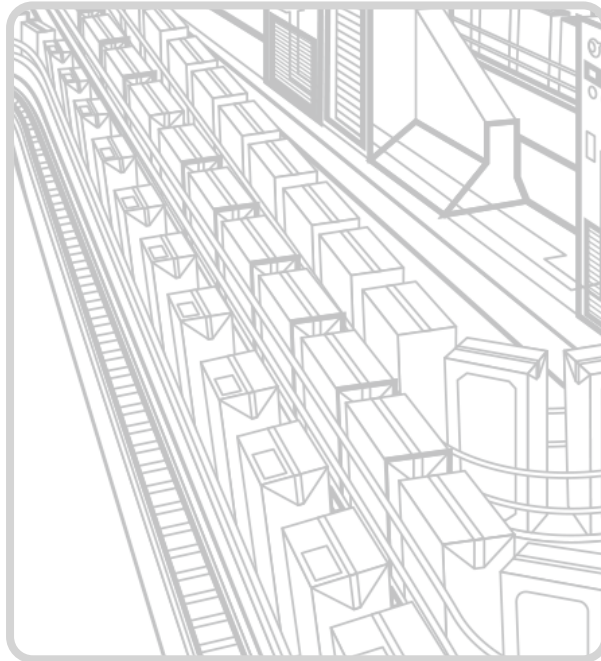
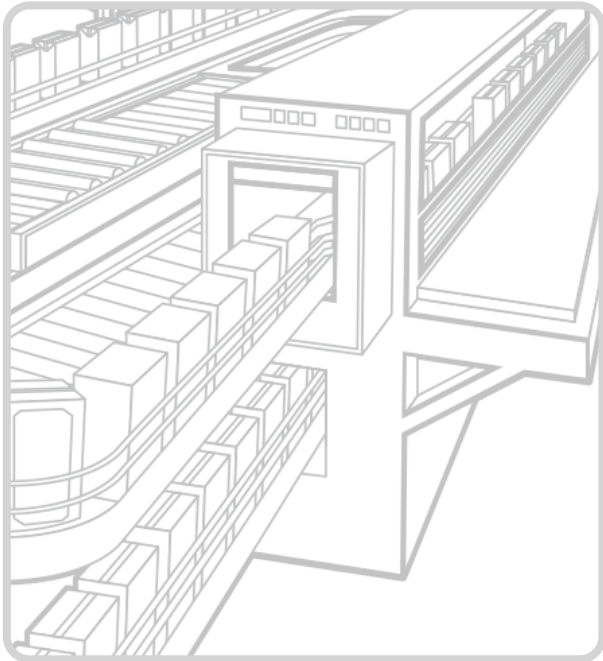
WE PRESERVE RESOURCES

Our solutions reduce waste, increase recycling and foster reusability.



WHY DO WE NEED RELIABLE POWER?

Example: the dairy industry

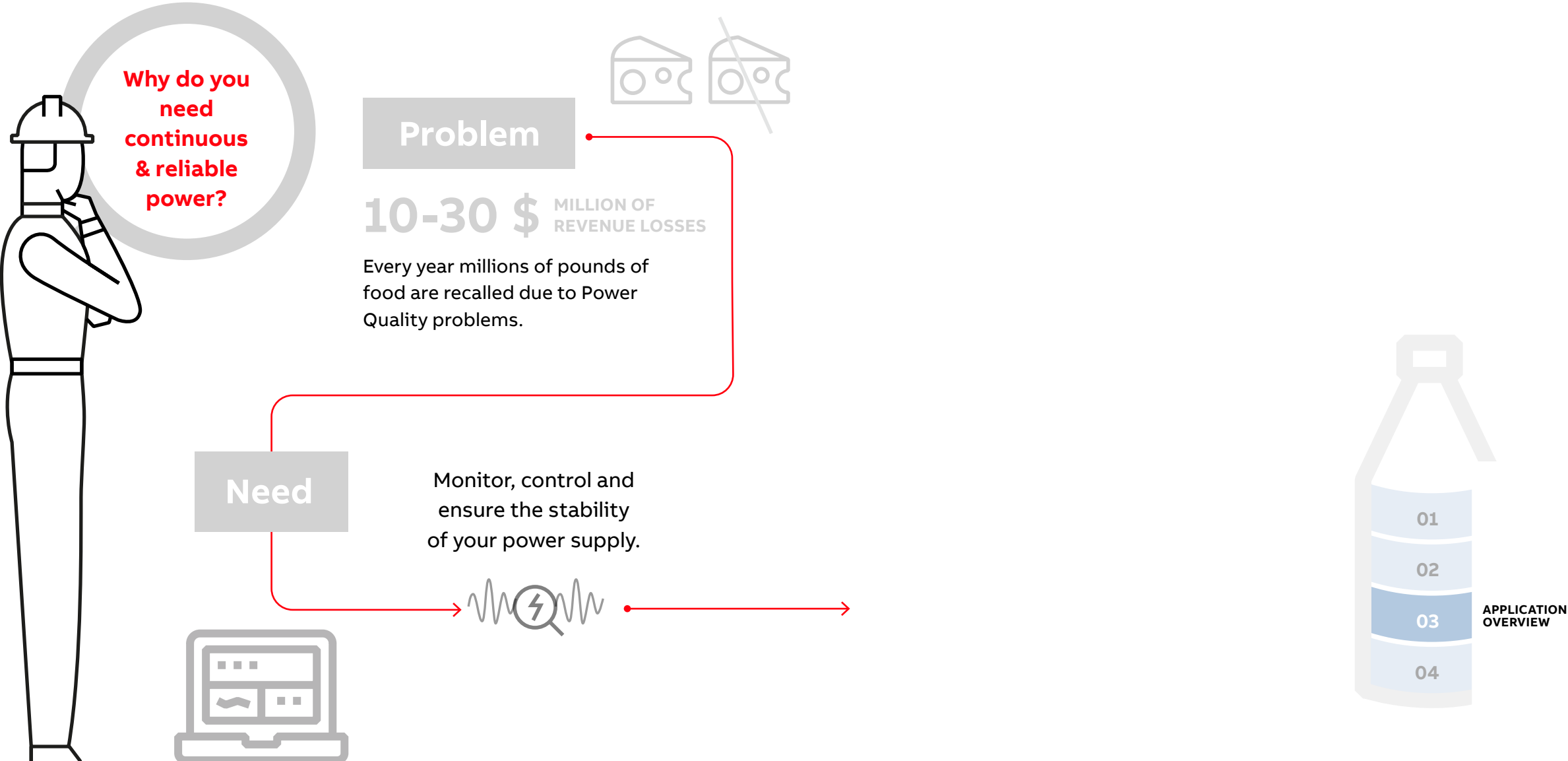


Application overview

ABB

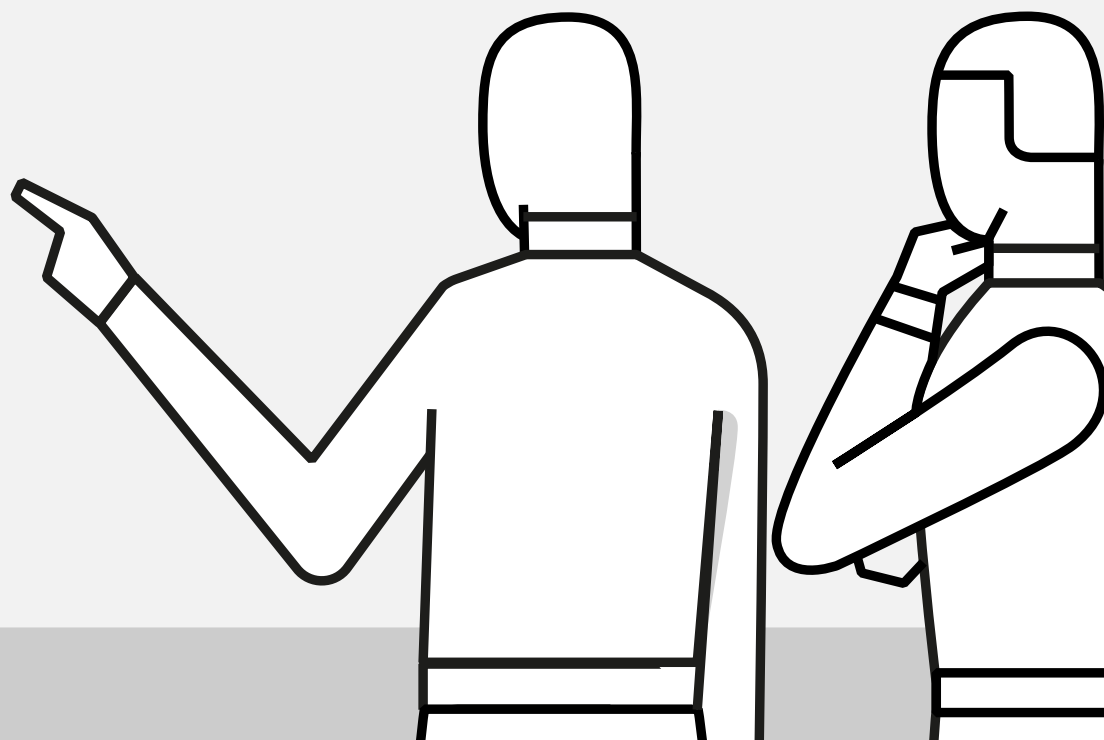
ABB has a wide range of solutions to help you ensure continuous operation, with high quality power supply and remote monitoring for all your F&B equipment and installations.

From problem to solution



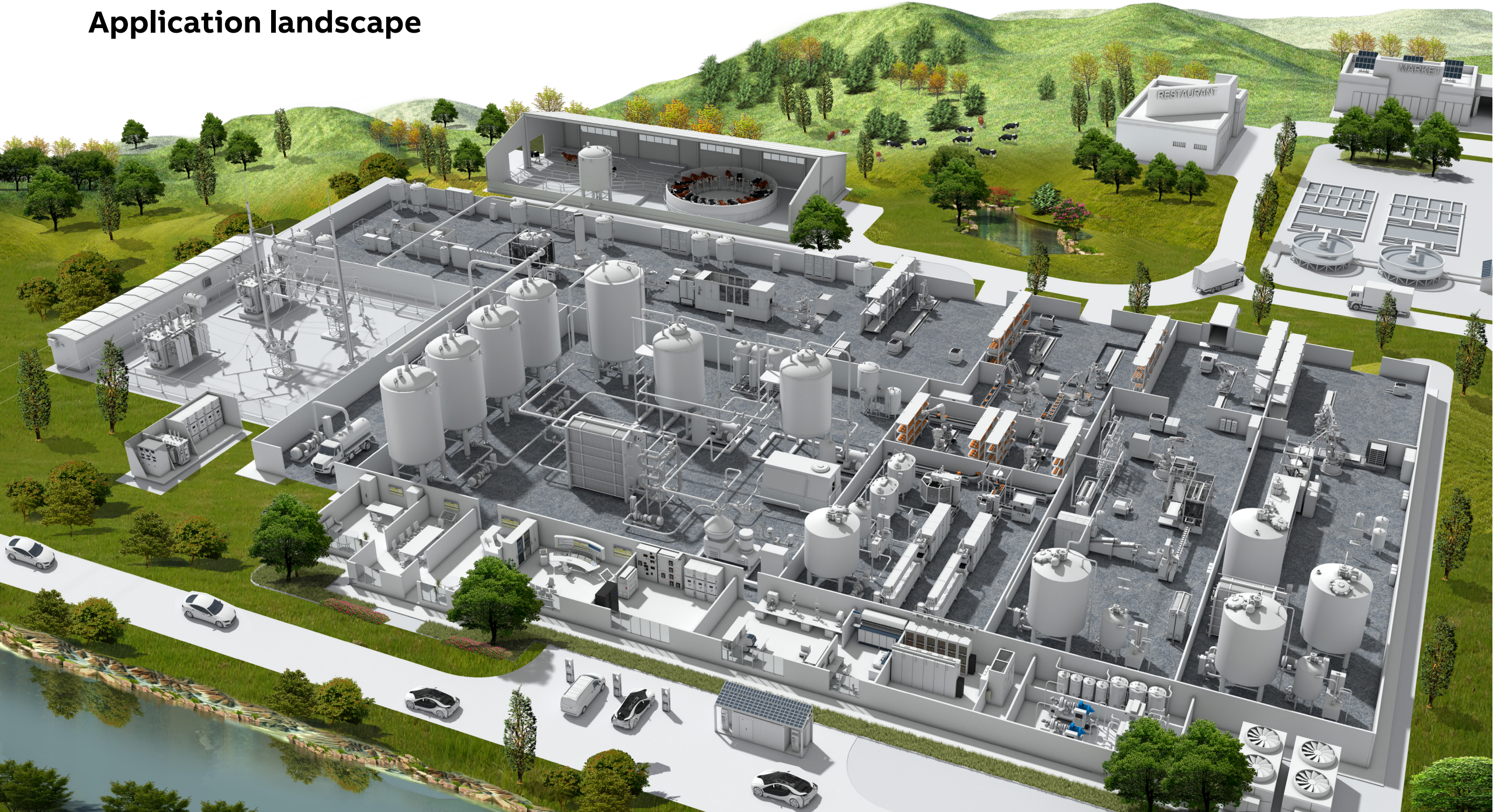
Key values

Why to choose ABB's Food & Beverage solutions?



APPLICATION
OVERVIEW

Application landscape



Product offering

04

Discover our cutting-edge products to ensure Power Quality and continuity of power in your Food & Beverage facility.

Most important products for reliable power in F&B applications

PCS100 AVC-40



PowerLine DPA



DPA 250 S4



Embedded ATS



Emax 2



Tmax XT



M4M



Ekip Up



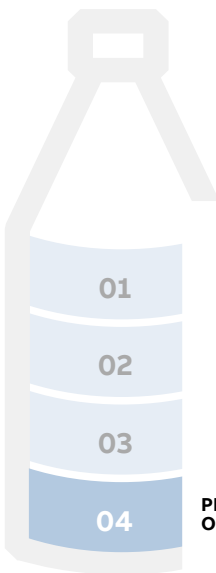
System pro M compact® InSite



ABB Ability Energy & Asset Manager



To discover the complete product offering visit our web page



PRODUCT OFFERING

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