

## Analysis, Planning and Forecasting for Energy & Utilities organizations

### BOARD helps providers to ignite their decision-making processes, from supply & demand management to commercial strategy planning.

Whether dealing in electricity, natural gas, water or renewables, the energy & utilities industry is increasingly under pressure to minimize upstream costs, maximize downstream profits, build and maintain satisfaction levels to avoid customer attrition and deal with the explosion of data from smart meters. To assist organizations in dealing with these challenges, BOARD combines analysis, planning and simulation on a **single decision-making platform to address energy analysis and forecasting needs together with financial, operational and commercial requirements**.

With BOARD, supply providers can integrate and manage different sets of big data, including energy produced, consumed, transferred to the grid or leaked, providing better control of plants, faster insight into smart meter data and clearer visibility of customer demand.

Comparative analysis and predictive analytics capabilities in BOARD help companies to balance any foreseeable variance in a specific supply sector by putting in place suitable countermeasures and compensating with more strongly performing sectors.

Through the **economic and quantitative forecasting** capabilities of BOARD, top management and executives can make better predictions based on **load data analysis**, helping to **balance load and pricing** for short and longer-term planning periods.

Thanks to the flexibility of BOARD, organizations can **adjust their reports according to changes in compliance regulations**, political developments or geographical requirements.

BOARD ensures continuity between upstream and downstream processes, linking project planning, scenario management and corporate planning processes in a single interactive environment. In this way, decision makers can simulate and better understand the impacts of project adjustments on the company's overall situation.

Discover how BOARD helps energy & utilities companies to expand their client base and improve service quality while preserving profitability and sustainability.



From smart meter monitoring to top level management: **BOARD** strengthens the decision-making processes of energy & utilities providers

A confluence of socioeconomic drivers and technology innovation has led utility companies to explore new approaches for more sustainable energy provisioning. Higher infrastructures costs, the explosion of smart meter data, increased competition, regulated and deregulated energy markets and new customer engagement models represent an urgent call for improvements in strategic and operational decision-making, both upstream and downstream.

**By unifying analysis, planning and simulation processes for the financial, commercial and energy fields**, BOARD accurately controls costs, predicts demand and provides a platform for sustainable, profitable delivery of water, natural gas or electricity.

**Combining smart meter analytics with energy forecasting**, BOARD helps organizations to monitor smart grid data, increase performance of energy sources, effectively manage workforces and maximize profits across different business lines and markets.



Performance dashboards and KPIs



Predictive Analytics

#### **Business** Intelligence



Regulatory and Management Reporting



Ad hoc self-service analysis

#### **CPM**

Budgeting, Planning and Forecasting

Profitability Analysis

Strategy Management

Financial Consolidation

#### **Upstream** and **Downstream**



Plant control and Project Management

- Production Data integration (energy produced, energy consumed, energy transferred)
- Analysis and control of plant energy production
- Asset management and maintenance, including percentage asset availability and infrastructure cost analysis
- Project planning, analysis and reporting for efficient, streamlined delivery
- Workforce planning and management
- Environment, Health & Safety reporting



**Energy** Management

- Detailed analysis of smart meter/grid data with advanced analytics capabilities
- Energy Supply/Grid Optimization (Efficiency, Scheduling, Load, etc.)
- Loss, theft, fraud and leakage monitoring
- Energy outage monitoring and reporting



Sales & Marketing

- Customer acquisition and attrition analysis
- Customer experience and satisfaction monitoring
- Energy price forecasting
- Billing and revenue management
- Churn and Cross-Selling analysis
- Cost-to-serve monitoring

# Discover why successful Energy & Utilities organizations choose BOARD



















## ...and keep buying it