MASTERING DYNAMIC ENERGY MARKETS

d-fine

PROCESS AUTOMATION & DIGITISATION
ASSET & PORTFOLIO MANAGEMENT
DERIVATIVES VALUATION
INFRASTRUCTURE INVESTMENTS
REGULATORY COMPLIANCE
RISK GOVERNANCE & STRATEGY
RISK ANALYSIS, MEASUREMENT & CONTROLLING
ETRM SYSTEMS

With over 700 highly trained professionals, d-fine is one of the leading European consultancy firms specialising in Risk, Finance and Technology.

Our unique blend of exceptionally strong quantitative and IT skills, combined with profound business knowledge, has enabled us to complete hundreds of successful projects for energy firms, industrial corporations, banks and insurance firms.

We offer a broad spectrum of services across the whole project cycle – from analysis, business specification and technical design to successful implementation of IT systems.

Mastering process automation and digitisation

Increasing business profitability by lowering operating costs has always been at the heart of corporate optimisation schemes. With recent technological advances in the field of business process automation, a capitalisation of cost reduction potentials is readily achieved.

Leveraging process mining techniques and state of the art software tools, we help our clients in analysing established front to back business processes, their subsequent optimisation and automation.

Following careful modelling work, the optimised process designs are carried into automated process flows which are executed in the existing IT landscape and monitored by pre-defined KPIs.

From real-time prediction of solar and wind power feed-in volumes and automated trading solutions for renewable energy supplies to automated payment processing, our digitisation expertise contributes to raising efficiencies along the supply chain.

Quantitative Services

- Quantitative analysis of financial and commodity risks
- Risk measurement
- Derivatives valuation
- Validation of risk and valuation of models
- Commodity price forecasting

Business Consulting

- Investment evaluation and steering
- Risk strategy and governance
- Risk controlling and reporting
- Regulatory requirements
- Accounting
- Professional training

System Integration

- Selection and implementation of vendor systems for trading and risk management
- Bespoke solution development and implementation
- Data Management

Additional services typically requested from us by energy firms include:

Process Automation & Digitisation
- Analysis, optimisation, modelling and automation of front to back business processes using state of the art technologies (BPMN 2.0, Celonis, Bizagi)
- IT landscape enhancements for the automation of processes and bespoke software solutions

Asset & Portfolio Management
- Planning and optimisation of physical assets such as power plants and storages
- Optimisation of trading and hedging strategies for physical and financial asset portfolios

Derivatives Valuation
- Design and implementation of valuation models for complex energy derivatives
- Independent validation of existing valuation models

Infrastructure Investments
- Decision support based on a thorough evaluation of opportunities and risks for a wide range of infrastructure investment projects
- Execution and steering of investment projects

Regulatory Compliance
- Impact analysis of regulatory requirements and their revisions (MiFID II/MiFIR, MAR, REMIT, EMIR)
- Design and implementation of processes and IT infrastructure ensuring regulatory compliance

Risk Governance & Strategy
- Risk strategy and process design tailored to the client's business, risk profile and risk bearing capacity
- Design of custom risk management approaches with optimal cost / benefit ratio and optimisation of operative risk management procedures

Risk Analysis, Measurement & Controlling
- Design of risk target operating models, incl. quantitative analysis and modelling of price, volume, counterparty and liquidity risks
- Design and implementation of risk controlling and reporting solutions

ETRM Systems
- Selection and integration of vendor systems (e. g. OpenLink Endur, Murex MX.3, Allegro) based on comprehensive business requirements
- Development of bespoke ETRM solutions

Our Clients. Our Credentials.

Our clients range in size from globally active corporations to regional energy firms and specialised financial institutions. A vast array of successful engagements has fostered long-standing relationships with many of our clients.
Get in touch to learn more about d-fine and what we can offer you.

d-fine. Risk & Finance Consulting.

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