

2-DAYS ENERGY DERIVATIVES

DAY 1 & 2

Trading fuels & other products

- Oil
- Gas
- Coal
- Power
- Emissions
- Freight (derivatives)
- Weather derivatives
- FX

Derivatives

- Spot versus forward products
- Forwards / Futures
- Swaps
- Options

Trading

- The reason for trading
 - Hedging
 - Arbitrage
 - Speculation
- The organisation of the trading environment
 - Front, Mid & Back office
 - Dispatch
 - The role of ICT
 - The role of the Legal department
- Decision making, information processing and analysis

Market fundamentals & Pricing

- Demography & economy
- Reserves & availability
- Production & capacity
- Social factors & political policy
- Transport
- Geo-political interests & risks
- Quality
- Exchange rates, inflation & negative correlation
- Seasonality & weather
- Substitution

Trading platforms

- Over the Counter (OTC) vs. exchange trading
- Brokers & their role
- Trayport

Electricity & Emissions trading

- Power
- Carbon

Freight & Weather trading

- Freight
 - Freight derivatives
 - FFAs
- Weather
 - Weather derivatives

Spread trading

- Location (basis) spreads
- Quality spreads
- Margin spreads
 - Crack spreads
- Cross-commodity spreads
 - Spark spread
 - Dark spread
 - Dirty spreads vs. clean/green spreads

Trading & risk management

- Risk management
- Identification of risks
- Measuring risk
- Value at Risk
- VaR Methodologies
- Controlling risk

Asset & Portfolio Management

- Power plants
- Real options
- Hedging of power plants
- Optimization of power plants
- Utilization of MegaWatts