

# DECENTRALISED ENERGY TRADING

A multi participant decentralised exchange platform that will allow for the real-time aggregation, capture and trading of exposures from within a trading and supply organisation. It is underpinned by a blockchain solution to provide a cutting-edge business model for the management of exposures in an integrated energy business.

## Blockchain Technology enables



A shared register of orders and trades



Order history and ownership tracking



Digitally signed verifications for each orders and trades



A permissioned network

## High Level Objectives

The core objectives of this system are outlined below and then further detailed in subsequent sections:

- Delivery of a screen based trading platform
- Live and trusted price feed
- Request for Quotation functionality
- Customer credit management
- Trade matching and execution
- Integration of trades to Treasury (FX)
- Secure, immutable audit of trades provided by Blockchain

## Functional Areas



**Credit Limits**



**RFQ**



**Order Lifecycle**



**Order Matching**



**FX Handling**



**Trade Upload**



**Roles & Permissions**



**UX Design**

## About Applied Blockchain

Applied Blockchain builds enterprise grade, future-proof, real world blockchain applications and products for global companies including Shell, KLM, United Nations, Toyota, SITA, Lloyds Register, and a range of blockchain startups.

