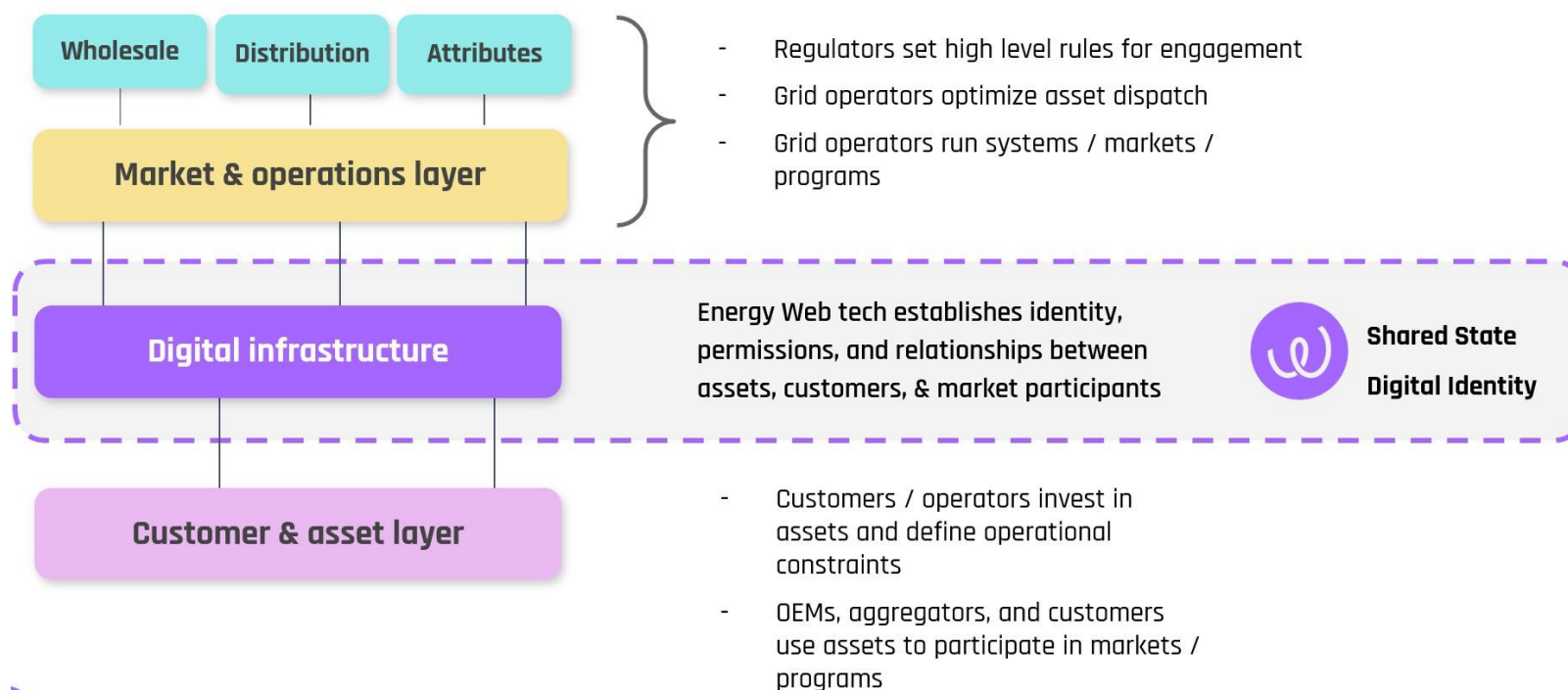


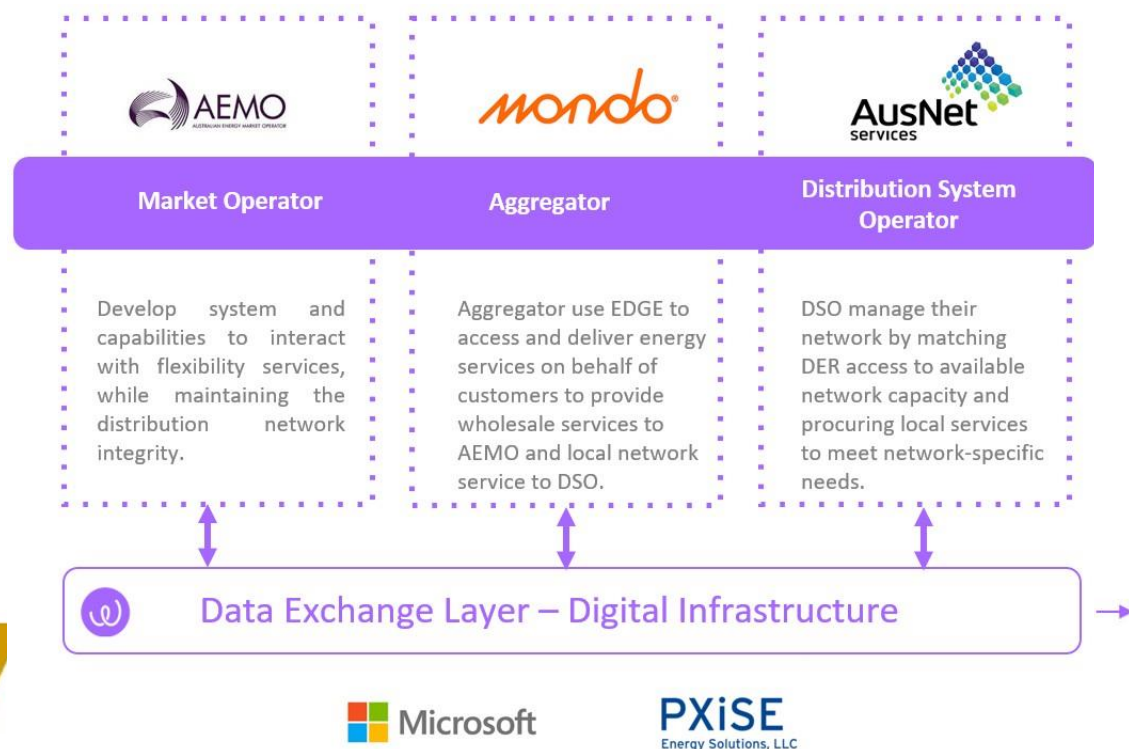
Session: Blockchain, Web 3.0, Metaverse for Utilities

Speaker : *Dr Ana Trbovich,*
Co-Founder, Energy Web & Grid Singularity

Our solutions are built on an open source stack of software and standards

Technology approach provides energy market participants with digital infrastructure





- ✓ **Common digital infrastructure** enables effective interoperability
- ✓ **Digital and Decentralised IDs (DIDs)** remove “data silos”, ensuring DER data can be shared between participants
- ✓ **Data permissions** allow sharing while maintaining consumer privacy
 - Data can be shared anonymously
 - With data pseudonymisation, ensures **compliance with EU’s General Data Protection Regulation**

Energy Web Green Proofs 24/7: Case Studies



VW Green Charging Solution

In partnership with Volkswagen Group Innovation and Elli, Energy Web technology was integrated into a smart charging app for VW ID4 users to charge using verified renewable energy



SB Energy Consumer Tracking Platform

Energy Web worked with leading Japanese renewables company SB Energy to develop a transparency platform to match renewable electricity generation and consumption on a 30-minute basis



Shell 24/7 Matching

Energy Web partnered with Shell to build a solution demonstrating the technical feasibility and customer value proposition of granular matching of renewable energy



Quinbrook 24/7 Matching

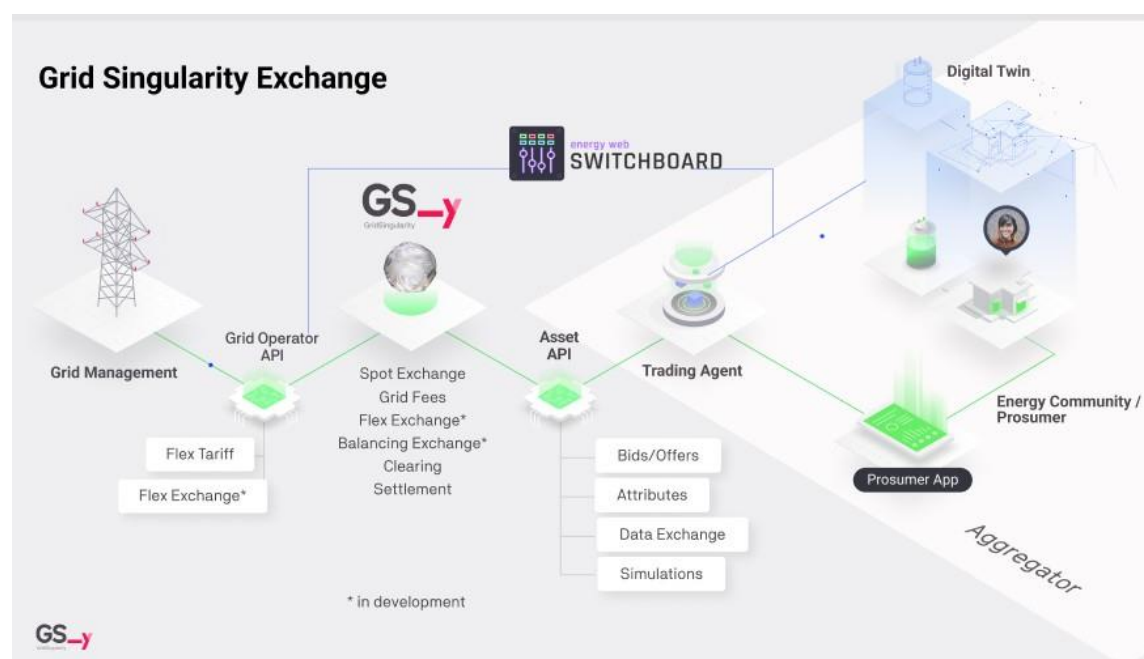
Energy Web partnered with Quinbrook to deliver a solution enabling their retail and renewable energy development businesses to include a 24/7 feature in different products and retail offerings

GridSingularity.com

open-source (GPL v.3)

a. free web-based tool to simulate local trading

b. software to operate local energy markets, enabling peer-to-peer / community trading based on applicable regulation



Thank You

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