

DCD-C6

ElectroRoute – making net-zero a reality with the help of AWS

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Sustainability areas of focus

Sustainability impacts multiple areas, and has become a strategic priority for organizations



Decarbonize

Decarbonize and limit the effects of the climate crisis



Water

Minimize water use
Keep it clean



Social responsibility

Responsible employment and supply chain practices



Circular economy

Zero landfill
Recycling



Sustainability trends are increasing

Customer demand

Government regulations

Employee demand

Impact investing

Sustainability as competitive positioning

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Commercial Director
ElectroRoute

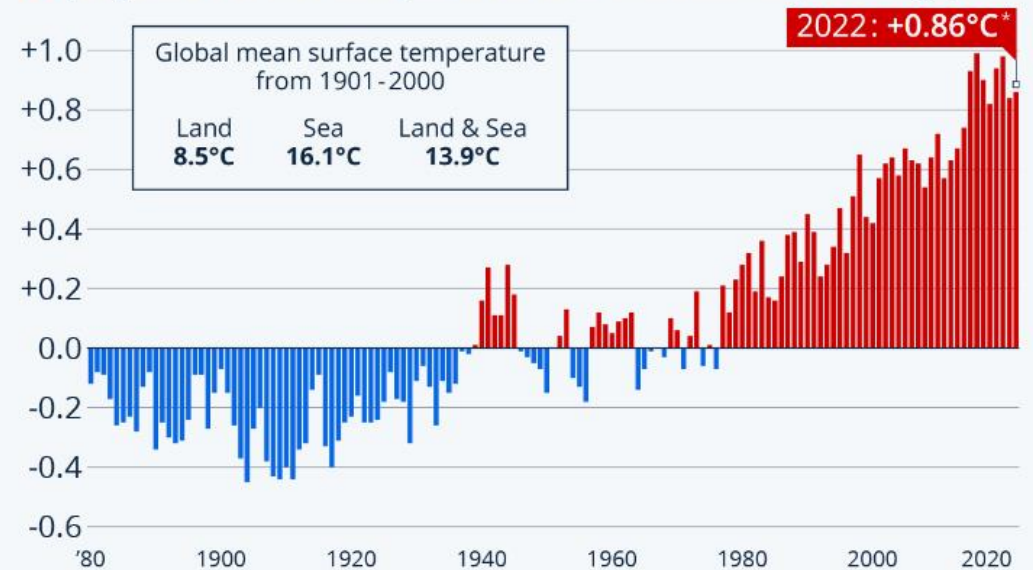


Climate change – The defining challenge of our generation

„Twenty-five years ago people could be excused for not knowing much, or doing much, about climate change. Today we have no excuse.“ –Desmond Tutu

The Last 8 Years Have Been the Warmest on Record

Global land and ocean surface temperature anomalies (degrees Celsius compared to the 20th century average)



* 2022 figure refers to the temperature anomaly for January through September

Source: NOAA



ElectroRoute

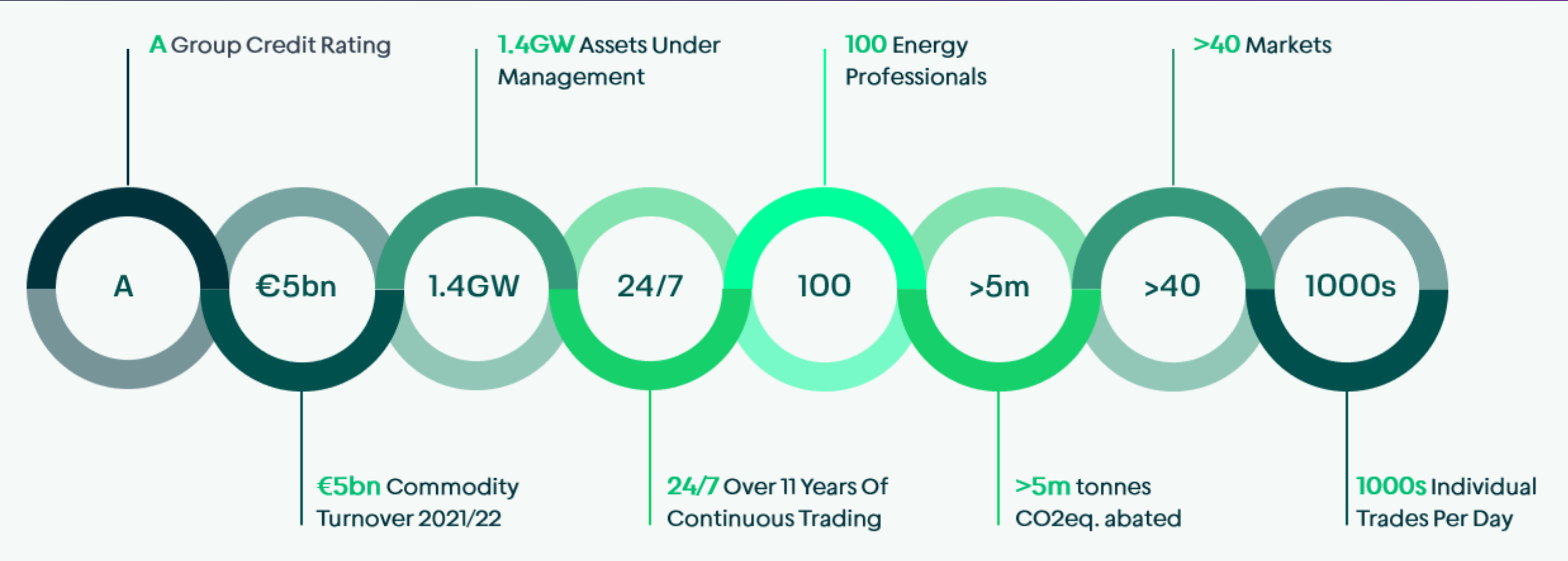
Our Vision is to Make Net Zero a Reality

Renewable Energy Trading

We are here to solve the commercial mechanics of a decarbonised energy system



About ElectroRoute

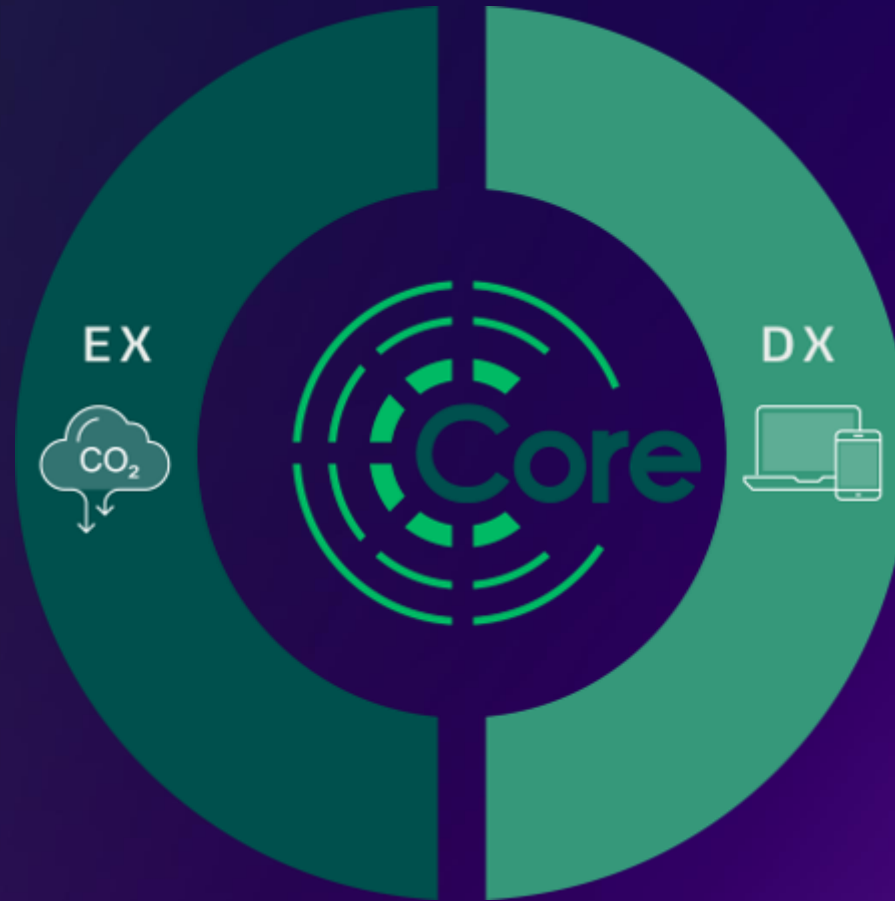


Digitalisation (DX) is Core to the Energy Transition (EX)

Energy Transition (EX)

A carbon free future requires:

- Huge acceleration in deployment of renewables such as wind and solar
- Rapid electrification of Heat and Transport sectors
- Rapid roll out of flexible technologies, such as batteries



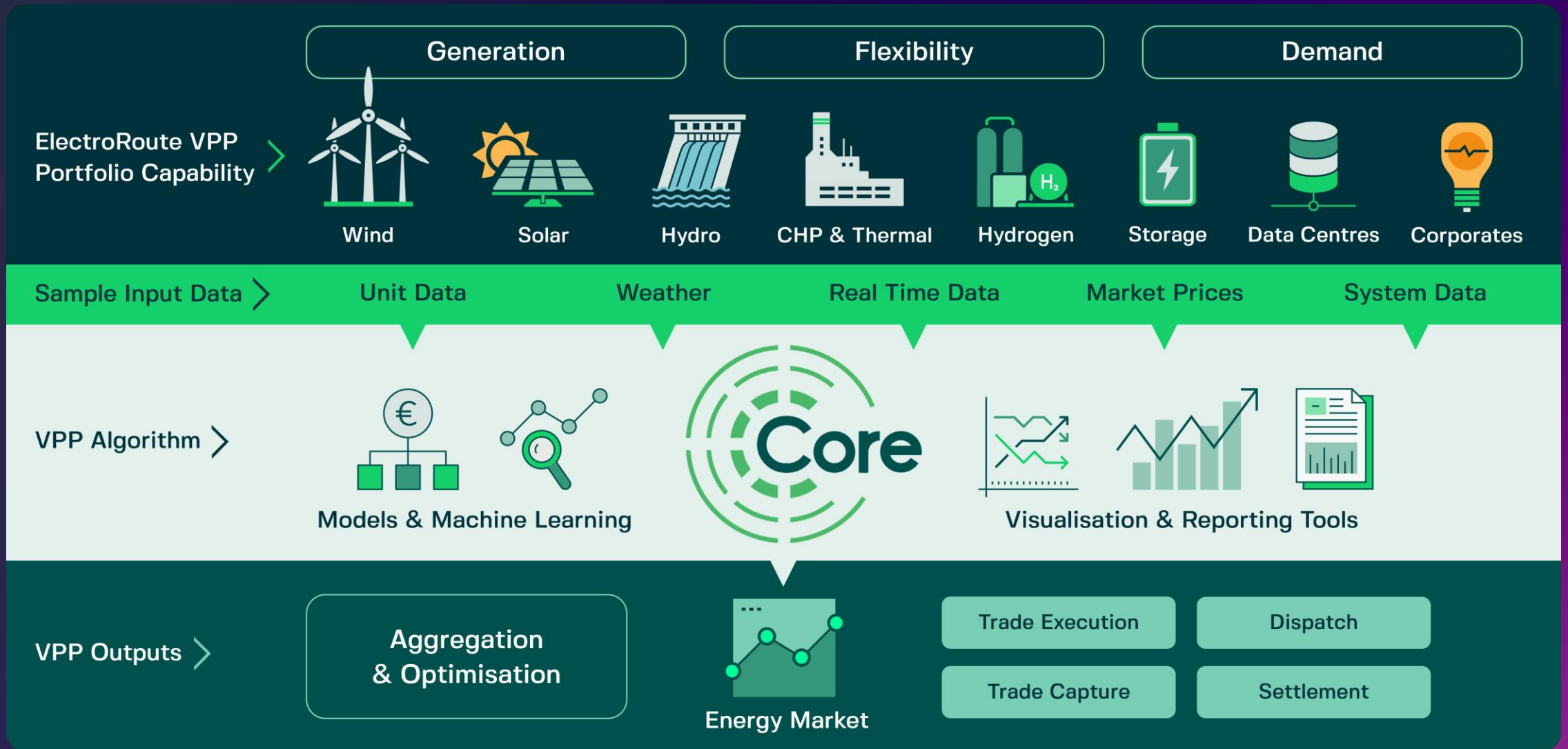
Digitalisation (DX)

A clean energy system can only be realised with significant Digitalisation

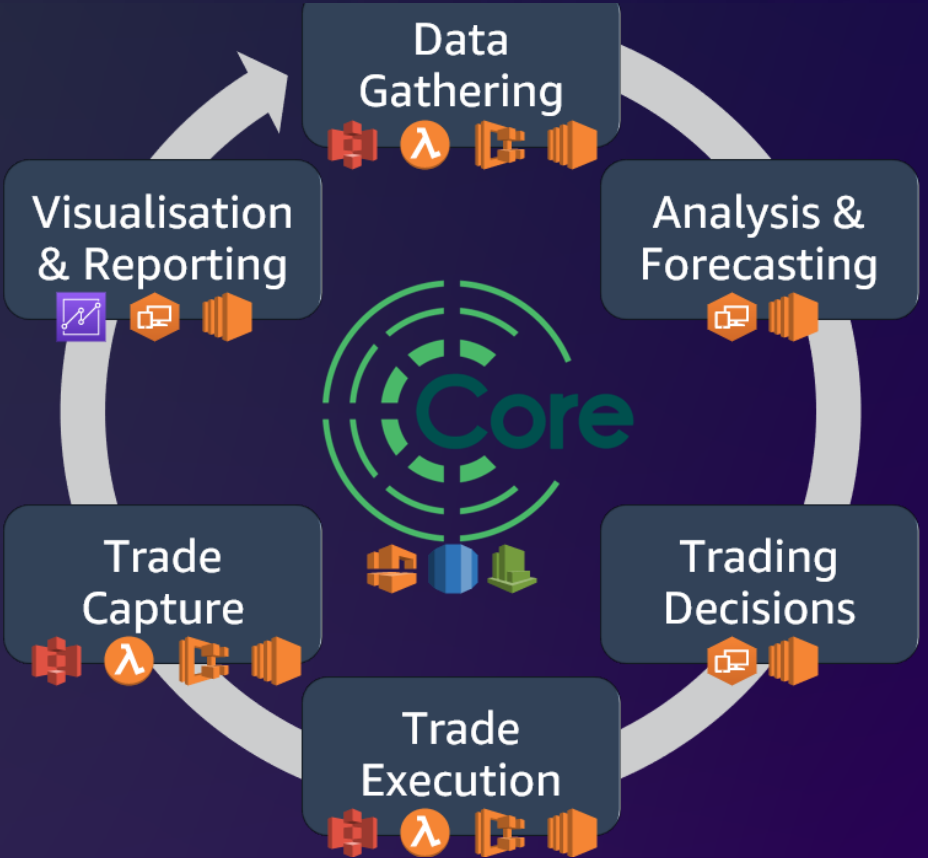
Smart, digitised solutions are key to optimising the deployment of decarbonised energy.

ElectroRoute **Core's** technology platform, underpinned by AWS Cloud, deploys the most modern data handling and analytical techniques into the heart of the energy markets.










ElectroRoute Core



AWS Cloud underpins everything we do



AWS Infrastructure

-  CloudWatch
-  EC2
-  ECS
-  Lambda
-  QuickSight
-  RDS
-  S3
-  VPC
-  Workspaces

AWS critical to ElectroRoute's international growth

Reliable & Robust

- Critical for our 24/7/365 global activities
- Instills confidence in our clients

Scalability

- Expanding rapidly at scale – in Europe and Japan
- Pace of expansion not slowed by legacy infrastructure

Flexible & Agile

- Flexibility is a core competitive advantage for us
- Control over our infrastructure – ability to adapt swiftly

Solid Foundations

- Allowing us to grow quickly with confidence
- IT team freed up to focus on data and analysis solutions

Making Net Zero a Reality with AWS





What sustainability problems are you trying to solve?

What are your biggest challenges related to sustainability?

How are you currently solving these issues?

What would make these projects easier?

Thank you!

Caoimhe Giblin

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