



Europe Energy Transition Awards



The *inspiratia* Europe Energy Transition Awards 2023 convened at the Nobu Hotel in London on 16 November.

This gala brought together over 250 esteemed leaders and innovators from the energy sector to acknowledge and celebrate the significant progress being made in the energy transition.

We extend our gratitude to the esteemed panel of industry experts whose discerning judgement and expertise were invaluable.

Additionally, our thanks go to SMBC, whose support as sponsor was pivotal in realising the whole event.

Here, we aim to congratulate and recognise the exceptional institutions and landmark deals that truly made a tangible impact on the energy transition.


Their contributions represent not only innovative solutions but also a steadfast commitment to a sustainable future, setting new benchmarks in the sector.

Thank you to everyone who took part.

And last but not least, a special thank you to the *inspiratia's* content team for their essential contribution to this report.

Head of Content,

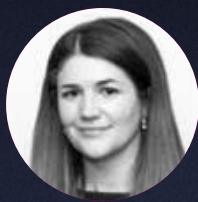
Viola Caon



MEET THE JUDGES



Apicksha Patel
Pinsent Masons



Katherine Peachey,
Equinor



Cecile Luciano
Nord/LB



Torsten Heidemann
Berenberg



Verena Rathgeber
Infracapital



Caroline Lytton
SMBC



Natasha Luther-
Jones
DLA Piper



Andrew Morris
UBS Asset
Management



Karin Schramm
Bayern LB



Liv Miller
Statkraft



Kawtar Ziyat
Rive Private
Investment



Camilla Usher-Clark
Burgess Salmon



Jenny Blackford
Siemens Financial
Services



Caroline Clapham
Eversheds
Sutherland



Francesco Cacciabue
Glennmont Partners



Dulce Mendonça
InfraRed Capital
Partners



Bianca Zicarelli
CPPIB



David Menendez
Fotowatio
Renewable Ventures

Best Energy Transition Fund Manager

Octopus Energy Generation

The winner of *inspiratia*'s Europe Energy Transition Awards 2023's Best Energy Transition Fund Manager was UK's **Octopus Energy Generation**.

The institution

Octopus Energy Generation is one of the largest investors in renewable energy in Europe, managing a global portfolio of £5.8 billion assets. Headquartered in the UK, the company has operations in 15 countries, including France, Germany, Italy, Spain, Australia, Japan, New Zealand and the US. Its fund management specialist team launched in 2010 with a mission to accelerate the transition to a future powered by renewable energy. Octopus manages over 240 large-scale green energy projects spanning countries with a total capacity of 3.3GW.

Octopus invests in a range of technologies, including solar, onshore and offshore wind, battery storage, grid infrastructure, electric vehicle charging infrastructure, hydrogen, e-fuels, and heat pumps.

During the judging panel, industry experts from across the sector highlighted the role of an effective energy transition fund manager as one that does not simply focus on acquiring developed assets with a plan to sell them for yield. Rather, they wanted to reward a fund manager that actively invests in greenfield project developments across various jurisdictions and holds it for a longer term, noting that these players "actually make a difference".

This is exemplified by Octopus's various investments in the past year, focusing on development projects across technologies including solar, onshore wind, battery storage and floating wind.

Achievements

Notable deals during the judging period include its £110 million investment in the Manchester-based public EV charging network Be.EV to scale and install new charge points across the UK. The deal, made through its Sky Fund, will accelerate Be.EV's plan to add 1000 public charge points across the North of England and beyond by 2024. This investment could make a significant impact in the region, which has the least chargers per EV in the UK.

The manager also launched a new renewables fund- Octopus Energy Development Partnership (OEDP). The €220 million fund targets solar, onshore wind and energy storage projects in Europe. The fund made its debut investment, taking a 24% in renewables developer Exagen to build new generation and storage assets.



Renewable energy optimization, valuation and risk management



If you are exposed to fluctuating market prices with your renewable assets, energy storages, PPAs or hydrogen assets: KYOS has the ultimate software for making better decisions.

How can we help you?

[Kyos.com](https://kyos.com)

The KYOS Analytical Platform offers a unique combination of functions for:

- **Valuation:** bankable forward curves and simulations to underpin any investment decision
- **Optimization:** find the best operating and trading strategy to maximize the flexibility of your assets
- **Portfolio management:** manage your portfolio on a daily basis and decide about hedging and risk diversification

Our analytics
Your advantage

KYOS

Best Software Provider

KYOS

The winner of *inspiratia's* 2023 award for Best Software Provider was energy consultancy firm **KYOS**.

The institution

Established in 2008, KYOS is an energy consultancy headquartered in the Netherlands and operates in the European markets, specialising in providing analytical solutions and consultancy services in the energy and commodities markets (power and natural gas). The firm works to provide accurate information to its clients to help them better make decisions for their goals in these markets. Their core product is the KYOS Analytical Platform, a software which includes energy trading and risk management modules; commodity trade and risk management modules; and various market stress test modules which have been used in numerous greenfield and brownfield renewable energy projects, as well as power purchase agreements and energy trading.

In addition to the platform, KYOS also offers its clients consultancy and training options to provide more personalised proposals from its team of analysts, quantitative developers, and IT programmers, with academic backgrounds in mathematics, econometrics, finance and physics.

KYOS works primarily with suppliers and industrial service companies. The supplier KYOS works with work with fossil generators, and trades regarding power, gas, and oil. The industrial companies KYOS works with primarily reside in the food processing industry, and raw material commodity trade. Some of these companies include E.ON, Vattenfall, Axpo, BayernGas, ESB, and more.

Over the last 15 years, KYOS has expanded to include an office in Tokyo. This office was established following the creation of a relationship with Mitsubishi Research Institute. KYOS also has local representatives in Yokohama, Japan to better establish relationships with clients there. It also has several other partnerships in the US, including Nexidus Commodities and HedgeStar, who are both responsible for the distribution of KYOS services.

Services

KYOS primarily offers services to their clients in the form of online modules and information. These services can be organized into four categories: Energy Analytics Software, E/CTRM Software, Price Data Services, and Consultancy and Training.

The KYOS Analytical Platform is a web-based system that consists of a wide, unrivalled range of configurable analytical modules that can be tailored for valuation, risk management, and optimization in the energy and commodity markets.

It makes use of automated data feeds and through statistical modelling, performs calculations to provide clients with the latest information from a centralized database. Additionally, the Platform can operate as your primary E/CTRM (Energy/Commodity Trading Risk Management) system, or for clients with existing systems and software solutions, be offered as multiple APIs or be integrated with programming languages such as Python and MATLAB.

Energy Analytics Software

KYOS relies on market information to generate forecasts for its clients, encompassing renewable power data, PPA data, and information from various renewable energy sectors such as wind, solar, and hydrogen. Beyond market data, KYOS considers option and swing contracts in global deals. The software is developed using Python and MATLAB, incorporating mathematical frameworks to ensure precise industry predictions. The platform is adaptable for consumers to use, and allows users to customize imported data, facilitating a seamless integration of KYOS's insights into clients business decisions.

E/CTRM Software

KYOS's E/CRTM software allows clients to estimate certain risks within the renewable energy sectors. These reports provide market insights based on various company positions and deals. These reports analyse cash flows, mark-to-market information, and make predictions about the future of certain markets. KYOS organises this information in such a way that allows users to access this information by sector, company portfolio, or even individual deal.

This information has proved to be invaluable, especially given the disruptions to fuel resources in response to different crises. For example, the current situation in Ukraine resulted in challenges for the fuel industry and the exponential rise of prices. KYOS's ETRM system was adopted by several companies to help them better brace themselves for the changes that would come in the industry and be able to better adapt to new risks that may come about.

Price Data Services

The information found in KYOS's price data service contains information going back 30 years. The power prices found here help clients to see both Live and End-of-Day market prices, which are crucial to trading effectively. This service helps KYOS's clients to manage risk with their business deals they conduct in various renewable energy industries.

Consultancy and Training

KYOS employs a team of consultants and trainers whose services can be utilized by different clients. Companies can rely on the expertise of KYOS's consultants to provide specialized knowledge in terms of company valuation and optimization. These advisers can also comment on the value of potential business deals and help design contracts to be more advantageous for the client.

Winner's comments

When considering the nominees for the Best Software Award, a company's ability to be adaptable frequently was considered. In an everchanging market, a software provider's flexibility in terms of their clients and the market itself is crucial to the success it will have in the industry.

Cyriel de Jong, Founder and CEO of KYOS, said:

"KYOS has separated themselves from other energy software vendors by creating several different software modules that allow customers to choose the model package according to their needs. Its Analytics Platform utilises advanced methodologies for forecasting, simulation, optimization and risk reporting, all seamlessly integrated with each other. The different modules optimize business decisions for renewable assets, energy storage, electrolyzers, conventional generation and portfolio management. "

“In the last year, KYOS has continued to establish successful partnerships with different firms, despite the increasingly competitive market. The partnerships have helped the Dutch company be known across Europe, the Americas and Japan. With already many of the energy and utilities companies among its clients, KYOS is currently especially targeting towards investors and financiers that participate in the renewables sectors,” de Jong said.

“In order to further themselves from competitors even more, KYOS has for example created the KyBattery module, a valuation module for energy storages. With an unrivalled level of detail, this module is utilized heavily by firms who are keen to explore the benefits of energy storage projects, using them for trading and optimization in day-ahead, intraday, imbalance and ancillary services markets.”

Additionally, KYOS intends to explore the green hydrogen markets in greater detail in 2024, specifically regarding their valuation strategies. Other areas of interest include a PPA benchmarking tool and similar long term trading strategies within the energy and commodity markets.



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AWARDS 2023