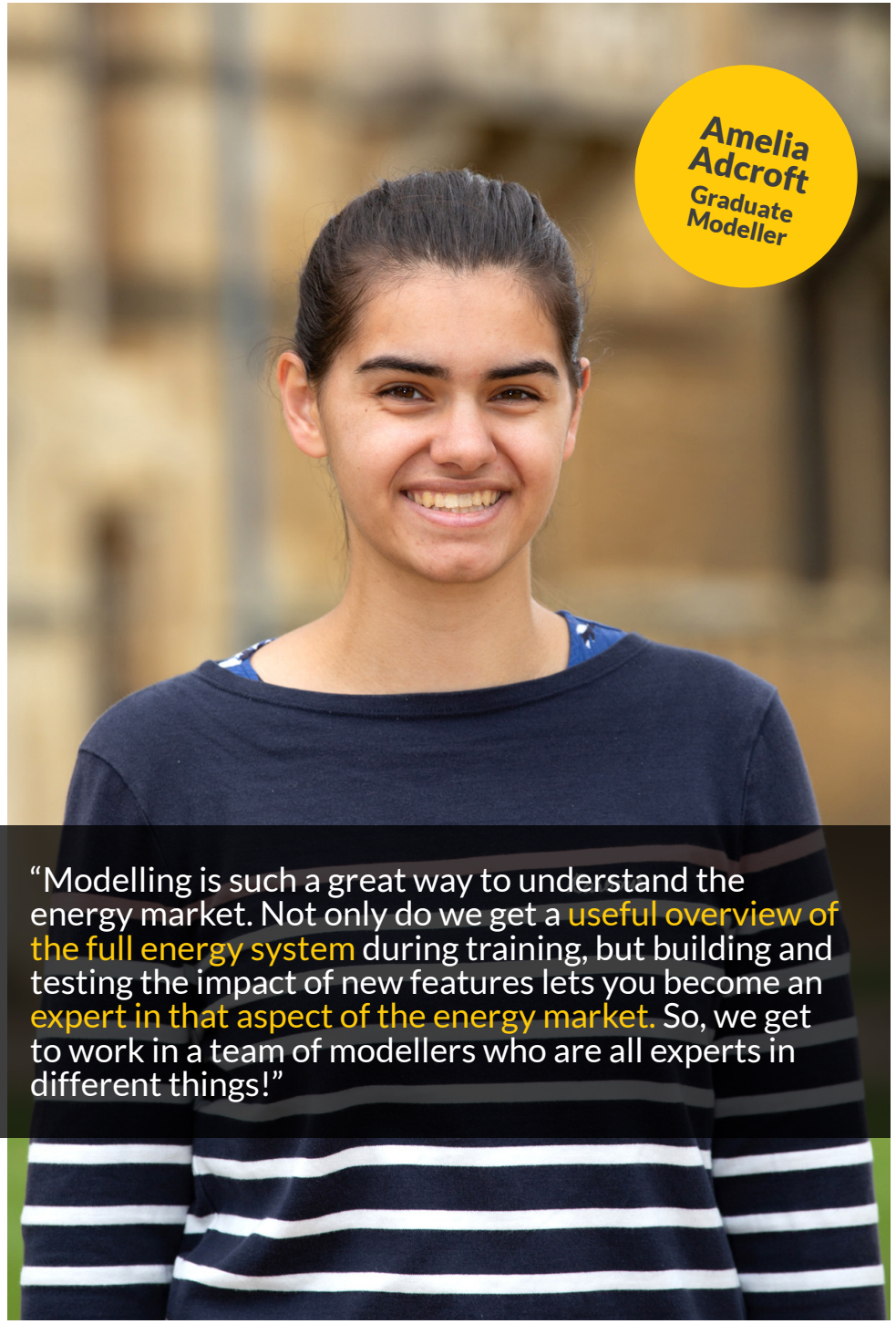
AURORA

GRADUATE MODELLING PROGRAMME



AURORA GRADUATE MODELLING PROGRAMME

At Aurora Energy Research, we develop intelligent and influential research and publications and offer advisory services that are vital to the global energy transformation.

We support strategy, policy and investment decisions for a spectrum of energy market participants through analysis and insights based on cutting-edge modelling of energy markets. We've developed strong relationships with hundreds of clients, including energy companies, investment funds, banks, network operators and governments.

Our success is built on a supportive team culture that helps talented people to develop their skills and expertise, excel in their work, and make a difference in the field.

From our offices across the globe, we cover the energy markets of a growing list of countries across Europe, Latin America, Asia Pacific, and North America.

Opportunities at Aurora

Have an impact on the global transition to a cleaner, more efficient energy system
In countries around the world, the energy system is decarbonising, decentralising, and digitalising. With Aurora, you will help companies and governments make better decisions to navigate this transition through insights derived from our in-house models developed by our modelling team. Your work towards our model development will contribute to tackling some of the biggest energy challenges, including climate change, access to electricity, and the cost and security of energy supplies.

Develop some of Europe's most advanced energy system modelling
Our modelling team produces sophisticated and flexible forecasting of energy markets through in-house models that set us apart from other companies. As a modeller at Aurora, you will contribute to our modelling efforts by enhancing our modelling methodology, developing analytical and computational tools, and supporting project work with a strong understanding of our modelling ability. You will be the technical expert on our models in a variety of projects and offer insight and support to our analytical teams.

Develop and apply your problem-solving and analytical skills to enhancing our modelling suite
At Aurora, you will apply the skills you have developed through your studies to solving some of our clients' most interesting and intricate problems. Whether you are finishing your undergraduate degree or studying at postgraduate level, you will grow and progress through a mix of structured training programmes alongside on-the-job learning. We will help you elevate your abilities to the next level, preparing you to contribute to projects, communicate complex ideas across the company, nurture teams, and push our modelling capabilities to meet client and internal needs.

Join a diverse, ambitious, friendly, and supportive team
We're committed to building a company where everyone can achieve their potential in an inclusive and welcoming environment. Aurora brings together people from over 50 countries around the world, each with unique professional and life experiences, in order to collaboratively find more effective ways to solve problems. Through initiatives like our Women at Aurora network and our Aurora Pride group, we seek to provide further support and opportunities for groups under-represented in the energy sector.

Help build a rapidly growing and innovative company
Aurora has expanded significantly, exceeding its start-up status, and we continue to seek opportunities from new markets, modelling approaches, and ways of thinking.

At Aurora, you will learn from leading experts in the energy industry, develop your own ideas, and help map out the future course for our business.

Influence the public debate, and inform the strategy of high-profile clients
Our clients include global governing bodies, investors, and generators—some of which are responsible for most of Europe's electricity. At Aurora, our modelling is used directly to create the insights used in reports for our clients through consulting projects and subscriber meetings that regularly attract hundreds of delegates from across the energy sector.

Aurora's work is covered extensively in the media and has been influential in changing the course of policy decisions in our key markets.

ENERGY UNPLUGGED

By Aurora





From first-hand experiences to tips and tricks to get the most out of our Graduate Programme, hear it all on our podcast!

Hear from our graduates and other members of the team about what life's like at Aurora

OUR CULTURE

Work and wellbeing
Even though our projects can be demanding at times, we believe we make better contributions in the long-term if we keep a balance between work and the rest of our lives. Our managers carefully track the teams' wellbeing to remain aware of this balance.

Development
New joiners are the potential future leaders of our business, and we provide a broad suite of development opportunities, including regular content talks from our experts, sessions with external speakers, and a programme of skills-focused training. Our rapid expansion into new countries boasts exciting opportunities to work from one of our other offices, such as Austin, Rome, Athens, and beyond.

Making a difference
We are passionate about the role we can play in contributing to the global energy transition. As we serve our clients and develop Aurora as a company, we know that we are also helping to make a difference by supporting smarter, better-informed decisions throughout the sector.

Community
We have a warm and supportive office environment, and people at Aurora often organise activities together outside of work. These have included cake baking, quizzes, charity runs, picnics, and an office football team, open to all abilities. There is also a programme of regular social events run by the company to help teams connect and get to know each other better. Our UK office is in Oxford, where a combination of historic architecture, rich culture, and lush countryside offer a high standard of living.

OUR GRADUATE MODELLING PROGRAMME

For recent graduates joining our Oxford Modelling team, we offer a salary of £39,000* per annum.
Graduates will:

- Undergo thorough training on our modelling methodology and the energy markets we are modelling
- Contribute to some of the most advanced energy market models in the industry
- Participate in live client projects as the technical modelling expert

A modeller's role is highly varied depending on ongoing projects, and your responsibilities can include:

- Developing the models that power Aurora's modelling software solutions, such as Origin and Chronos
- Contributing to the long-term development of our modelling suite to improve the quality and value of our modelling results
- Liaising internally with analysts and other stakeholders across the company to ensure that our modelling is meeting project requirements
- Building analytical and computational tools, formatting recommendations on future trends, and conveying these insights to enhance clients' decision making

As a graduate modeller you will work on a variety of projects, working closely with the following departments:

- **Advisory:** executing bespoke consulting projects for clients, involving complex project-specific model developments to meet client needs
- **Research:** developing market forecast reports and original in-depth research on the future of energy markets, with a modelling focus on the accuracy of the market behaviour being modelled and the quality of results
- **Software Solutions:** developing new services for our clients which directly use our models or modelling results

**This is based on current figures, subject to change based on annual salary benchmarking*

Graduate Programme

OUR APPLICATION PROCESS

If you are a final year university student or recent graduate interested in joining Aurora's Oxford office as part of our Graduate Modelling Programme in Autumn 2024, please visit our website at auroraer.com/grads.

Our Oxford Graduate Modelling Programme commences in Autumn of 2024; however, if you are looking to start work prior to Autumn, we would welcome an application from you. We are happy to be flexible with your start date.

When you apply to join the Aurora Graduate Modelling Programme, your application will go through the following stages:

CV Screening
Our screening team will review your CV and cover letter once the application window closes on 1 November 2023.

First-Round Interview
We will arrange to speak with you on Microsoft Teams for just under an hour, between 1 and 3 November 2023. We will want to learn more about how you have shown your abilities in your past experiences. There will also be quantitative questions where you can demonstrate how you think through and solve problems.

Final-Round Interviews
If you are successful in our first-round interview, we will invite you to visit our Oxford office. During the visit, you will have a second interview, lasting about an hour. The second interview builds on the first, exploring the role and your motivations, followed by some quantitative questions and a case study.

Offers
If you are successful in our final-round interview, we will make you an offer of a position at Aurora by the end of December 2023, to begin work in our Oxford office around the Autumn of 2024.

Apply today! Go to **auroraer.com/grads**

WHAT WE LOOK FOR

Our Graduate Modelling Programme is open to you if you have studied a relevant degree in Economics, Engineering, Mathematics, Computer Science, or other quantitative fields. Our team looks for evidence of the following qualities in applications:

- Exceptional problem-solving skills and analytical ability
- An ability to collect, analyse, and interpret complex quantitative data and information
- Strong interpersonal skills, and a team-player attitude
- Knowledge of one programming language, e.g. C++, Matlab, Python (preferred), R, Java

It would also be beneficial to have:

- A relevant Master's degree or PhD
- Knowledge of, an interest in, energy markets and a belief that well-designed models significantly improve decision-making
- Excellent Python Programming skills
- Knowledge of statistical and/or mathematical optimisation techniques

We are committed to the principle that no employee or job applicant shall receive unfavourable treatment on grounds of age, disability, gender reassignment, race, religion or belief, sex, sexual orientation, marriage or civil partnership, pregnancy, or maternity.

KICKSTART YOUR CAREER IN THE ENERGY INDUSTRY!

Join Aurora Energy Research, the largest dedicated power market analytics company in Europe providing data-driven intelligence for strategic decisions in the global energy transformation.

We work with world-leading organisations to provide comprehensive market intelligence, bespoke analytic and advisory services, and cutting-edge software.

SCAN THE QR CODE OR GO TO AURORAER.COM/GRADS TO FIND OUT MORE

auroraer.com

"Aurora's strength lies not only in the talented group of individuals but also in its close-knit culture. Together, we unravel complex problems, with every achievement celebrated as a collective effort."

Elliot O'Sullivan, Graduate Analyst

AURORA

ENERGY RESEARCH

OXFORD | AUSTIN | BERLIN | SYDNEY

ATHENS | MADRID | MELBOURNE | OAKLAND | PARIS

ROME | SÃO PAULO | STOCKHOLM | TOKYO

Scan here for our contact details

Why not have a look at our Analyst programme?

Analysts develop our market research reports and help solve client problems through consulting projects. They design and execute analysis to address clients' questions, working with the modelling team to apply Aurora's models and draw out the most useful insights from our results.