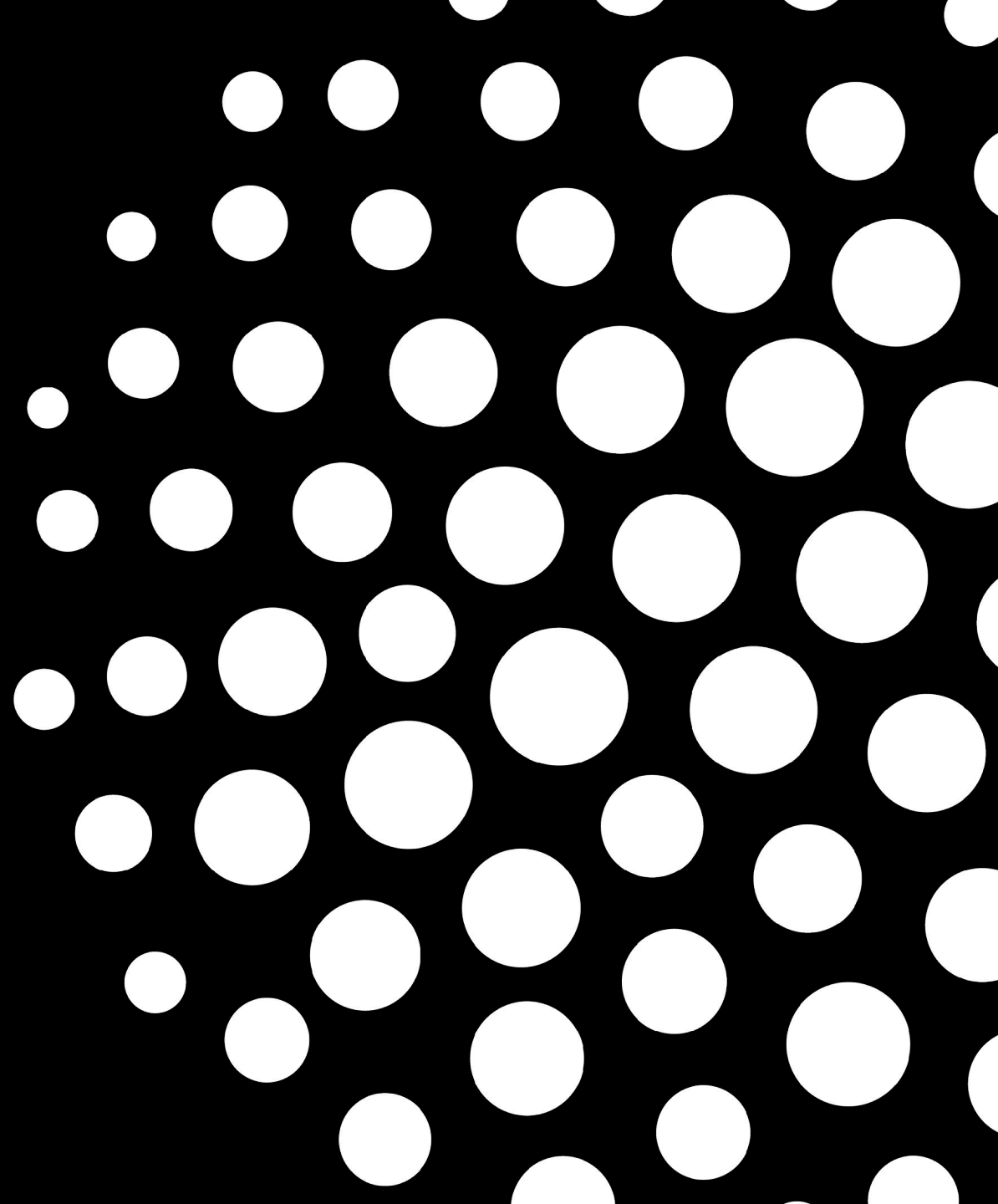# Data Visualisation Developer Nature-related Finance

September 2024

Global Canopy

Welcome to Global Canopy

We are so pleased you found us. Global Canopy is an ambitious, creative and dynamic not-for-profit targeting the market forces destroying nature.

Our special focus is on ending global deforestation, most of which is driven by agricultural expansion for commodities like beef, soy and palm oil that end up in products we all use every day.

In fact, our research shows that $6 *trillion* in private finance each year is driving this destruction – including 20% of the money that we all put into our pensions.

This is a major driver of climate change, of biodiversity loss and of human rights abuses. To tackle this we deliver radical transparency through our award-winning data platforms, detailing how consumer markets are linked to nature loss.

We enable major companies, investors and governments to take positive action, and we help campaigning organisations and investigative journalists shine a light on those not doing enough. And we help policymakers to design laws that make it mandatory for the private sector to change.

We are now growing rapidly as an organisation – expanding our work and teams in key geographies like Brazil and South East Asia. And we are deepening our relationships with major investor networks as we redouble work to remove deforestation and nature-related impacts from lending and investment portfolios worldwide.

As part of our team, you will be at the heart of global efforts to tackle the intertwined climate and nature crises. And you will find yourself surrounded by engaged, positive and committed colleagues determined to make a difference.

Please join us, this is urgent.

Niki Mardas, Executive Director

About Global Canopy

Global Canopy is a data-driven not for profit delivering real transparency and accountability for market impacts on nature and people. Our special focus is on ending deforestation – an essential step in achieving urgent global goals on climate, nature and human rights.

We deliver our work via three main strategies:

1. on **open data** (including via major global data platforms like Trase, Forest 500, Forest IQ, and ENCORE);
2. on creating stronger **voluntary and compliance frameworks** to address nature loss (we are a founding partner of the TNFD);
3. and on accelerating **accountability and action by the finance sector** towards deforestation-free portfolios.

Our platforms, data and insights are relied upon by Fortune 500 companies, major financial institutions, national and regional governments, and some of the most effective campaigning organisations worldwide.

We work globally, with a focus on both forested regions (particularly across Latin America and South East Asia), and major consumer and financial markets (with a focus on Europe, the US, Singapore and China).

We have a distributed team of around 60 people worldwide, with a main office in Oxford (UK). We work via close and deep partnerships, including with institutions like the Stockholm Environment Institute, the UN Climate Change High-Level Champions, UNEP Finance Initiative, the World Conservation Monitoring Centre, the Zoological Society of London, and many many others.

Nature-related Finance

Nature loss poses material risks to financial institutions, but a lack of high-quality nature-related data has been one of the biggest obstacles holding financial institutions back from addressing nature-related risks.

Global Canopy tackles this problem head on, increasing the scope, quality and accessibility of freely available data. We work to enable investors, lenders, insurers, financial regulators and others in the sector to identify and mitigate their impacts and dependencies on nature – and to seize the opportunity of investing in nature-positive solutions.

Our work on nature-related finance centres on three collaborative flagship projects, the Taskforce on Nature-related Financial Disclosures (TNFD), ENCORE and our Little Book series of concise guides exploring key topics in climate and nature finance.

55%
of global GDP is moderately or highly dependent on nature

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$6.1tn of finance flowed to companies in forest risk supply chains in 2023

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The role: overview

An exciting opportunity for a creative and highly motivated candidate with strong technical expertise to help increase Global Canopy's impact by making world-leading environmental and financial data more accessible to our key audiences in the finance sector, business, government and civil society.

The role requires strong data visualisation skills, as well as strong analytical and strategic thinking.

The role will focus in particular on the **ENCORE** tool which helps governments, central banks, financial institutions and businesses assess their nature-related risks and impacts around the world. This is **Global Canopy's all-encompassing tool**: while Trase and Forest 500 focus mostly on agriculture and deforestation, ENCORE's ambition is to connect all types of economic activities to many more forms of nature depletion globally. It is developed in partnership with UN-WCMC and UNEP-FI.

An important part of the job will be to develop an EU Nature Dependency Dashboard that will provide essential data on each of the 27 EU countries' nature-related economic risks, connecting macroeconomic data to nature materiality data and possibly supply chain and state-of-nature data near upstream locations. The role of the Data Visualisation Developer will be to make this data visually accessible on the interactive dashboard in close collaboration with data engineers and researchers across the organisation.

The data will be used by governments and central banks in modelling financial risk and economic impacts, and will feed into financial institutions' internal risk assessments.

The job requires strong technical skills as well as analytic and strategic vision about ways in which the Dashboard can improve users' sustainability journey and maximise impact.

The role: overview (continued)

You will contribute to a culture of kindness, collaboration, rigour, and accountability in equal measure. You will come to work with a sense of urgent mission, balanced by emotional intelligence.You will share our conviction that it is not just what we do that matters in our working life, but how we do it too.

If this role resonates with you and you are excited about the opportunity to make a significant impact at Global Canopy, we would love to hear from you.

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The role: responsibilities

Data visualisation: Lead the development of the web visualisation the EU Nature Dependency Dashboard.

- Build and maintain tools that enable external and internal data access and visualisation of related data via intuitive interfaces for the database and APIs.

- Improve communication of our data and findings by developing interactive infographics, and other purpose-built visualisations for publications and presentations.

- Collaborate closely with data engineers to ensure a seamless user experience. A key challenge will be the visualisation of multiple levels of analysis of nature risks across sectors, geographies and possibly along the world supply chain.

Analytical and strategic thinking:

- Monitor the uptake of these platforms and tools, gather feedback, and improve their functionality and design.

- Develop, over time, a strong understanding of users' visual needs in terms of their assessment of nature-related risks, including by communicating with the Education and Learning Team.

- Critically identify flaws in the current system and propose solutions.

- Contribute conceptual insights to help develop the EU Dependency Dashboard in a way that is most adapted to users' needs for maximum impact.

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About you

To be successful in this role, these are the things that will matter the most:

- Strong professional experience of data visualisation and web development, including data analysis, visualisation and/or UX Design.

- Ability to gather, synthesise, analyse and creatively communicate complex data and information to a variety of audiences through interactive visualisations and engaging websites.

- A strong drive to contribute to our mission, a passion for sustainability and the role that governments and the financial sector can play to drive change.

- Although there is room in the role to define the best solution and language to use for data visualisation, knowledge of SQL and JavaScript are important for the underlying datasets. Knowledge of PHP is positive.

Skills and experience:

- Strong experience in data visualisation.
- Attention to detail and accuracy.
- Time management and ability to work on multiple projects with varied deadlines.
- Ability to liaise with others across your organisation and beyond.

Desirable attributes:

- Proficiency in the application of GIS-related tools for user-oriented web mapping.
- An understanding of ESG data, nature-related data and/or assessment or disclosure initiatives.
- Knowledge and/or experience in supply chain visualisation.
- An understanding of financial risk.
- Experience with API design and usage.

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Our values

As an organisation committed to achieving system-wide change, we operate in a challenging environment. Our organisational values help guide our ways of working and keep us accountable to these standards:

Entrepreneurial – We develop bold new ideas to catalyse system wide change.

Impactful – We learn from what works, hold ourselves and others accountable and work in collaboration with others.

Inclusive – We celebrate diversity, value teamwork and support individuals to fulfil their potential.

Clear – We listen actively, think critically and communicate with clarity.

Salary & benefits

Salary
£38,000 full time equivalent
This role sits within Band D on Global Canopy's remuneration framework.

Nature of contract
Full time, permanent. We are a flexible employer and welcome candidates wishing to work flexibly.

Base
Our office is in Oxford, with flexible home-working arrangements in place.

Holidays
36 days (including bank/public holidays) for discretionary use across the annual leave year. Option to purchase up to an additional 5 days or equivalent of one week's leave.

Pension
Employer pension contribution of 7%.

Healthcare cashback plan
Covering dental fees, eye-care, wellbeing, physiotherapy, chiropody and much more – for you and any children.

Employee Assistance Programme
Which provides free, confidential advice on personal and legal matters.

Other
Huge range of discounts and cashback deals at gyms, restaurants, holidays, and much more.

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How to apply

To apply for the position, please use this link and submit an up-to date CV and covering letter.

The covering letter should explain your motivation for the role, and how your skills and experience fit the person specification. (Please no more than 1 side of A4).

All candidates are asked to complete an anonymous diversity monitoring form when they apply.

The closing date for applications is **14 October 2024 at 9am BST**. Early application encouraged. We may close applications early if suitable candidates are identified.

Screening calls are provisionally planned for w/c 21st October, and will be conducted remotely via a video call.

At Global Canopy, we value diversity and inclusion. You can read our diversity statement on our website. We encourage applications from all backgrounds and are committed to having a team with a diverse set of skills, experiences and abilities.

Global Canopy works on issues of global deforestation. We are particularly interested in strengthening our team to include those with a background from forest regions such as Latin America and South East Asia. We would welcome applications from people from these regions.

If you have any questions about the position, then please contact: hr@globalcanopy.org.

Applicant data will be managed in accordance with the candidate privacy policy available on our website.

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Thank you

HR Team
hr@globalcanopy.org

Find out more at globalcanopy.org

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