

When **banking goes green**, the whole world benefits

A leading UK bank aimed to integrate climate intelligence into its lending and investment decisions but faced challenges with fragmented data and outdated infrastructure. GlobalLogic designed and implemented a cloud-native climate data platform to integrate 100+ data sources,, enhancing governance, compliance, and decision-making for a more sustainable future.



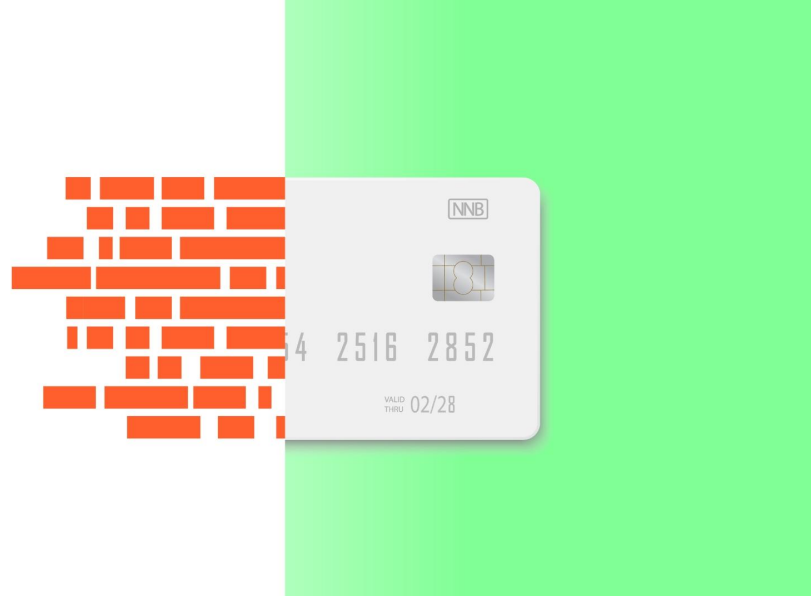
improved regulatory
compliance



enhanced
responsible lending



Increased data
accessibility



Challenge

As financial institutions take center stage in the fight against climate change, this bank aimed to lead with data-driven, sustainable finance solutions.

However, its existing data infrastructure was fragmented, making it difficult to consolidate climate intelligence, assess risk, and comply with evolving regulations.

The bank needed a modern, scalable platform to power responsible lending, deliver transparent sustainability insights to customers, and meet climate disclosure mandates—turning ambition into impactful action.

Value Created

- Designed and implemented a **cloud-native data platform** leveraging AWS and Snowflake.
- Developed **data ingestion pipelines** to unify and govern internal and external climate data sources.
- Supported the design and review of a **scalable data model** to drive lending decisions and reporting.

Impact

- **Strengthened regulatory reporting** by ensuring compliance with climate disclosure requirements.
- **Improved data-driven lending decisions**, embedding sustainability into financial services.
- **Increased customer transparency**, providing better insights into climate-conscious financial options.
- **Future-proofed the bank's climate intelligence strategy** with a scalable and secure architecture.