Senior Associate, Data and Tools

Location:

The location for this role is London (UK).

Other SBTi locations will be considered in cases where no suitable UK based candidates are available.

Job Purpose and Background:

The Data & Tools Senior Associate will play a key role within SBTi's Research and Technical Development Team, contributing to the scientific and analytical infrastructure that underpins SBTi Standards. The role ensures that SBTi's target setting tools and pathways data are robust, transparent, and consistently maintained across the organisation's research and standards development activities.

This is a technical delivery role focused on maintaining and improving SBTi's analytical tools and data systems, working under the direction of the Research Governance & Engagement Lead. The postholder will support the maintenance and continuous improvement of SBTi's sectoral target-setting tools (i.e., Aviation, FLAG, Power, Buildings, Finance) and contribute to the development and governance of the central Pathways Database, which integrates data from bottom up global modelling sources such as the IEA, IPCC, and bottom up models. Working closely with technical experts and product owners across the Technical Department, this role will help translate research outputs into reliable, documented analytical systems that support credible, science-based target setting.

This position will report to the **Research Governance & Engagement Lead**

This role plays an important part in achieving:

SBTi's objective is to ensure that target-setting tools are grounded in robust, transparent, and reproducible data systems. The role contributes to the development of SBTi's cross-sector and sector-specific standards and tools and may lead or support other technical research projects as the need arises. It plays a central role in linking analytical rigour, transparency, and implementation feasibility across SBTi's technical workstreams.

You are a great fit for this role if you: You are an analytical professional with deep technical understanding of climate data and analytical tool development, and are confident in navigating the interface between data, methods, and implementation. You are organised, capable of coordinating technical workstreams and collaborate effectively with technical and project teams.. You take pride in delivering high-quality outputs under tight timelines, and can translate complex, technical information into analytical tools.

About the SBTi:

The SBTi is a global body enabling businesses to set ambitious emissions reduction targets in line with the latest climate science. It is focused on accelerating companies worldwide to halve emissions before 2030 and achieve net-zero emissions before 2050.

The SBTi defines and promotes best practices in science-based target setting, offers resources and guidance to reduce barriers to adoption, and independently assesses and approves companies' targets.

For more information, please visit www.sciencebasedtargets.org

Key responsibilities include:

1. Pathways Data Management

- Support the development and maintenance of the SBTi Pathways Database, integrating datasets from multiple scenario sources (IEA, IPCC, NGFS, and others).
- Document pathway assumptions, scenario metadata, and emissions intensity metrics to ensure transparency and traceability.
- Manage data versioning and updates in coordination with the Pathways & Methods team, ensuring consistency with SBTi's standards and research outputs.

2. Tool Development and Maintenance

- Maintain and update SBTi's cross sector and sectoral target-setting tools, ensuring they reflect current pathways, methods, and criteria.
- Collaborate with technical experts and product owners across the Technical Department to translate research outputs into structured, documented analytical tools.
- Conduct testing and validation of tools prior to release to ensure accuracy, reproducibility, and alignment with methodological requirements.
- Ensure consistency between pathway data used in tools and the master Pathways Database.

3. Documentation and Data Governance

- Ensure all analytical tools, datasets, and assumptions are well-documented, transparent, and version-controlled, in line with SBTi's research governance standards.
- Contribute to internal QA and methodological documentation, including metadata, technical annexes, and release notes.
- Support the publication and external review of datasets and tools, ensuring alignment with SBTi's scientific governance procedures.

4. Collaboration and Coordination

- Work closely with technical experts across the Technical Department to ensure that tools and datasets are consistent with SBTi's research outputs, methodologies, and standards.
- Contribute technical support and documentation for analytical deliverables as part of cross-functional project teams.

Essential skills and experience needed:

- 4+ years of relevant professional experience, with a strong record of achievement in data analysis, environmental research, or technical analysis.
- Strong analytical and quantitative skills, with experience working with emissions, energy, or climate scenario data.
- Proficiency in Excel (advanced formulas, data validation, and structured design) and Python for data processing and analysis.
- Proven experience with data management, version control, and documentation practices (e.g., Git, SharePoint, or similar).
- Understanding of climate-scenario datasets (IEA, IPCC) and emissions modelling concepts.

- Demonstrated ability to translate technical concepts into structured, usable analytical tools. Excellent attention to detail, accuracy, and documentation discipline.
- Strong communication and interpersonal skills, with the ability to collaborate effectively across technical and non-technical teams.
- Excellent written and verbal communication skills, including the ability to convey technical concepts to non-technical audiences.
- Proficiency in relevant tools and software required for the role to be successful.
- Professional, effective and flexible team player, with proven ability to work with high-level representatives from the business, investors and civil society
- Proven project management skills
- Entrepreneurial, self-motivated, and able to work independently in an international and multi-cultural remote work environment

Desirable criteria:

- Familiarity with target-setting frameworks such as SBTi, and accounting frameworks such as GHG Protocol or TCFD.
- Understanding of data governance and reproducibility best practices in research or policy settings.

Important information before you apply:

- This is a full-time role based in London (preferred)
- The salary for this role will depend on location and experience level.
- This role holds a maximum 6-month probationary period, depending on country legislation.
- Interested candidates should be legally allowed to work in the specified countries and already be visa holders.
- **The SBTi cannot sponsor working visas**.

What we offer:

- Working in one of the most successful and fastest-growing initiatives driving climate action.
- Exciting and challenging tasks in a dynamic, international, innovative, and highly motivated team.
- Training and development.
- 30 days of time off, plus your country's bank holidays.
- Salary Range:
    - UK: 35k to 43k pounds per year (gross)
    - Competitive NGO salary range offered if outside the UK

If you are interested, please apply here.

SBTi is an equal opportunity employer - committed to building an inclusive workplace and diverse staff, where all can thrive. We welcome and strongly encourage applications from candidates of all identities and backgrounds, and do not discriminate based on race, color, religion, gender or gender identity, sexual orientation, national origin, disability, or age.