

LIGHTBRIDGE CORPORATION

ENVIRONMENTAL, SOCIAL, AND GOVERNANCE COMMITTEE CHARTER

Purpose of the Environmental, Social, and Governance Committee

The purpose of the Environmental, Social, and Governance Committee (the “Committee”) of Lightbridge Corporation (the “Company”) is to support the Company’s commitment to environmental, corporate social responsibility, corporate governance, sustainability, and other public policy matters relevant to the Company (collectively, “ESG Matters”) and carry out the responsibilities otherwise delegated to it by the Board of Directors of the Company (the “Board”). Considering the nature of the Company as a nuclear technology firm, the Committee seeks to contribute to the following goals through its operations: (a) preventing catastrophic climate change; (b) preventing the proliferation of nuclear weapons from nuclear waste; (c) promoting the transition to clean energy; (d) promoting diversity and human rights not just within, but beyond the Company; and (e) advancing transparency in the nuclear industry.

Membership and Structure

The members of the Committee will be approved by the Board from time to time. The members of the Committee will include such directors, officers and employees of the Company as the Board deems appropriate, taking into account such factors as the person’s expertise in relevant disciplines, such as but not limited to nuclear technology, environmental, health, and safety, operations, legal, investor relations, government affairs, corporate governance, finance, human resources, and communications.

Meetings

Unless otherwise determined by the Committee, the Committee shall meet quarterly or more often, as deemed necessary or appropriate. The Committee may ask other directors, officers or employees of the Company, as well as external partners in the Committee’s external-facing ESG Matter initiatives, to attend the meetings to provide pertinent information as requested. Members of the Committee may participate in meetings through telephone or video conference or similar communications equipment by means of which all persons participating in the meeting can hear and/or see each other. The Chairperson of the Committee, or his or her designee, is responsible for scheduling and setting the agenda for meetings.

Responsibilities

In pursuit of the five goals specified above, the Committee will have the following duties and responsibilities:

1. to assist management and advise the Board in setting the Company's general strategy with respect to the ESG Matters most relevant to the Company as a nuclear technology firm;
2. to develop, implement, and monitor, with the approval of the Board, both internal (i.e., company-wide) and external (i.e., involving external partners) initiatives and policies according to that strategy;
3. to assist the management of the Company and the Board in overseeing internal and external communications with employees, investors, and other stakeholders regarding the Company's position on or approach to ESG Matters, including by coordinating and reviewing, as appropriate, draft responses, reports, or other disclosures to stakeholders;
4. to monitor, consider, and bring to the attention of management and the Board, as appropriate, current and emerging ESG Matters that may affect the Company's existing strategy, business, operations, performance, or public image or are otherwise pertinent to the Company and its stakeholders, and to make recommendations to the management and the Board, as appropriate, regarding how the Company's policies and practices can adjust to or address such trends and issues;
5. to review and adjust this Charter as needed; and
6. to perform other duties, tasks, and responsibilities relevant to the purpose of the Committee as may from time to time be requested by the Board.

As adopted by the Committee on February 3, 2022