

2022/2023 ILFI Material Health Technical Advisory Group Scope of Work

ILFI's community of practice is vital to informing the technical development, continued industry leadership, and transparency of ILFI's programs. Members of ILFI's Technical Advisory Groups (TAGs) are critical volunteer partners that represent industry leadership and deep technical expertise in relevant topic areas and are able to weigh in on decisions pertaining to the development or implementation of ILFI's program requirements.

The concept of material health in the built environment concerns the health impacts that building materials have on occupants, frontline communities, and the global ecosystem. It considers the personal, community, and ecosystem health impacts of materials during their production, use, and end-of-life. **The goal of the Material Health Technical Advisory Group is to identify and synthesize the latest research on chemicals of concern in the built environment and provide recommendations for annual updates of the ILFI Red List, and advise ILFI on its role to advance industry discourse on material health.**

Within its Living Building Challenge (LBC) standard, the International Living Future Institute (ILFI) puts forth a Red List of Chemical Abstracts Service Registration Numbers (CAS RNs) that represent the "worst in class" chemicals and substances in building product applications known to pose serious risks to human health and the environment. However, material health is fundamental to all of ILFI's programs because the material life cycle's multiple stakeholders are all accountable in a healthy materials ecosystem.

As the body of knowledge regarding chemical hazard and toxicity, the pace of product development and innovation, and the global regulatory landscape all evolve, the Material Health TAG identifies areas of concern, trade-offs, and opportunities for ILFI to advance material health through an annual review and recommendations for improvement of the Red List and associated requirements throughout ILFI standards and labels.

Expertise is sought from stakeholders and representatives from multiple aspects of the material life cycle, including but not limited to product design and manufacturing; building operations and maintenance; material health assessment; material health and product specification; environmental testing; material health standards and certifications; interior design; sustainability management; safer and green chemistry advocacy; toxicology; industrial hygiene; toxic substances and public health regulation; community mobilization and environmental justice; waste prevention, and extended producer responsibility and circular economy.

Meetings are envisioned to occur 6 times per year for 1.5-2 hours per meeting. Review of materials and proposals will also be requested between meetings. Additional voluntary working groups to focus on select topics in material health may be established as needed.