Plastic Policy
GLO-POL-31-03-005 Rev.01

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1 Purpose

At QIAGEN we aim to reduce our impact on the natural world from our use of fossil-based plastic by adopting the principles of replace, reduce, reuse, recycle and recover (5 Rs). We are committed to consuming fewer resources and managing resources responsibly as outlined in our Environmental, Health and Safety policy. We recognize that our use of plastic is required for technical, safety and hygiene reasons. The principles of 5Rs embodies the circular economy approach in accordance with the UN Sustainable Development Goal 12 (Responsible Consumption and Production). Our Plastic Policy sets out guidelines covering operational, product and transport plastic.

2 Scope

The scope of this policy is global and applicable to all QIAGEN sites and functions. It does not apply directly to our customers and suppliers.

The Scope of this document is defined in the Global Document Application Matrix (Attachment 4 of GLO-POL-01-01-001 “Global Quality Manual”).

3 Authority / Responsibility

Department / Function	***Responsibility***
Climate working group	Development of Climate strategy for CO2 emission reduction. This Climate Working Group is divided into two groups, scope 1&2 and scope 3 (see organizational chart below)
Plastic Working Group	A cross-functional team from all Business Areas leading initiatives and projects to continuously improve the environmental impact of QIAGEN´s plastic footprint. This Working Group reports to Scope 3 working group.
Subject Matter Experts	Representing functions and teams across the Company, responsible for plastic measures and their implementation.

4 Plastic Governance

The Climate Working Group steers QIAGEN’s climate strategy and is accountable for achievement of the SBTI goal detailed in the climate policy. Refer to the GLO-POL-31-03-003 Climate Policy. It is split into two focus working groups, one of which is responsible for the scope 3 emissions.

The Plastic Working Group is a subgroup of the Scope 3 Working Group and a cross functional global team of subject matter experts (SMEs) aimed at identifying new opportunities to improve the environmental impact of the use of plastic. The SMEs in the working group are responsible for promoting and influencing potential projects that would support the climate goal to reduce the CO2 emissions. The projects are managed and resourced within the respective Business Area.

The Plastic Working Group monitor and report on the progress. The Plastic Working Group is accessible to all departments and Business Areas which drive specific plastic projects which have the aim to reduce the environmental impact.

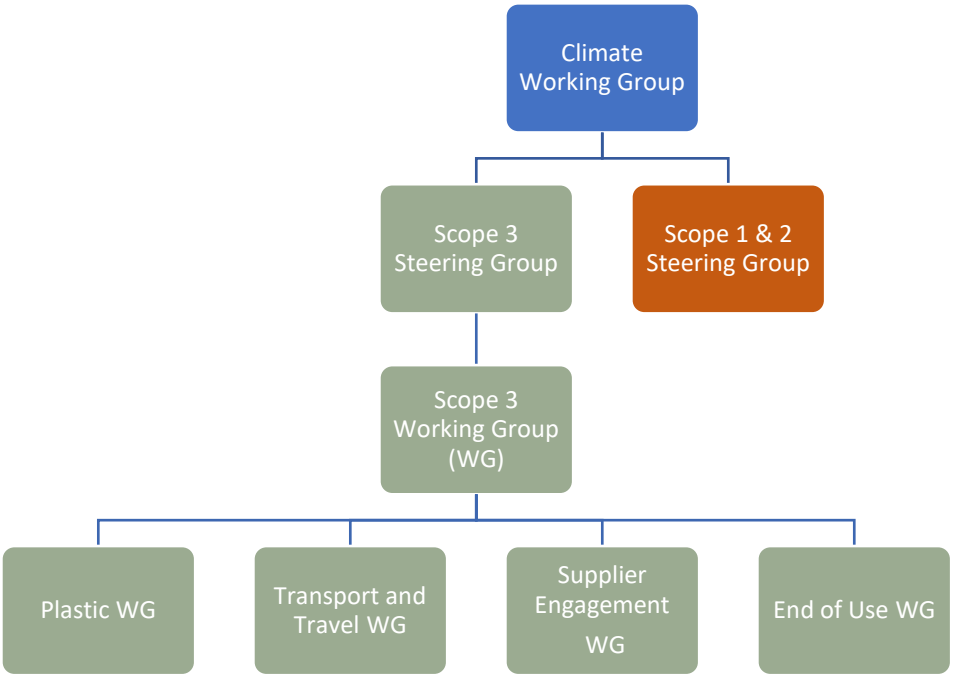

Figure 1 Governance Structure for Plastic Working Group.

5 Definitions and Abbreviations

Net-zero target	To keep global warming to no more than 1.5°C as called for in the Paris Agreement Net-zero means cutting greenhouse gas emissions to as close to zero as possible.
SBTi	Science Based Targets initiative
GHG	Green House Gas, these are gasses that trap heat in the atmosphere and contribute to climate change
Scope 1 and 2 emissions	Scope 1 and 2 emissions are a result of activities related to energy consumption.
Scope 3 emissions	Scope 3 emissions are the result of activities from assets not owned or controlled by an organization, but that an organization indirectly affects in its value chain. An organization's value chain consists of both its upstream and downstream activities.

6 Policy

At QIAGEN we care about the environment. We are continuously working on measures to further improve the environmental impact of using plastics and reduce our carbon emissions in alignment with QIAGEN´s net-zero goals by 2050.

While technical, regulatory, safety and hygiene standards prompt us to use plastics, we are committed to finding the best option for the environment and eliminating plastic where there are other economical viable and more Eco-friendly solutions available, without compromising product quality and customer using experience. To avoid a possible negative impact on the environment caused by plastic in operations, products, and transportation, we adopted a “Replace, Reduce, Reuse, Recycle and Recover” strategy.

Our customers and shareholders expect QIAGEN to act responsibly when considering alternative materials to fossil-based plastic and act in harmony with long-term future-oriented and environmentally conscious solutions.

The plastic working group support all Business Areas to identify economical viable opportunities, to investigate environmentally friendly alternative materials and to apply circular economy principles.

6.1 We commit to

- Evaluate and adopt solutions that minimize environmental impact of plastic used for production of QIAGEN products.
- Reduce use of plastic, especially single-use plastic items, where comparable, ecofriendly options are available.
- Improve end-of-life solutions for plastic used in QIAGEN products.
- Partnering with third parties to support technological improvements that aim to make more eco-friendly plastic solutions available.

6.2 Actions

At QIAGEN we aim to follow the hierarchy strategy which is Replace, Reduce, Reuse, Recycle and Recover.

- Replace – Replace plastic materials with favorable ecological footprint by investigating and implementing alternative materials and feedstocks, that either replace and/or optimize plastic materials in processes and products.

- Reduce - The best way to manage waste is to not produce it. We aim to prevent fossil-based plastic utilization wherever feasible.

- Reuse – The reuse of plastic materials is realized by replacing single-use plastics with reusable, durable, repairable items, whenever reasonable.

- Recycle – When plastic waste must be disposed, we aim to
    - Recycle plastic materials so they support circularity.

- Label products wherever possible to provide recycling instructions to promote our customer recycling activities.
- Integrate design-for-recycling requirements into the product development process.

- Recover - Resource recovery is using waste as an input material to create valuable products, we aim to use materials, where possible, that contain recovered waste i.e., post consumer waste.

6.3 Plastic Footprint Calculation and Reporting

We measure our product and packaging plastic footprint annually. The plastic footprint calculation enables us to make decisions on how to improve plastic impacts resulting from the use of our products. It enables us to define, track progress, and take meaningful actions.

We strive to improve our efforts to define and calculate environmental impact of the plastic across the value chain, reflecting product plastic, transportation packaging plastic and operational waste.

Product Plastic	Plastic used in a product, and for its primary and secondary packaging.
Transportation Packaging	Plastic used in shipping, transportation, and distribution to the customers.
Operational Waste	Operational plastic used in QIAGEN´s activities.

Table 1 Plastic Footprint categories.

7 Availability to Stakeholders

QIAGEN employees and internal stakeholders will have access to the policy via QIAverse and MasterControl. Regular informal updates about the Plastic Working Group are provided through Viva Engage to all employees as well as through QIATalks and regular Climate Working Group and subgroup calls.

Affected stakeholders would receive information through our Annual Reports and Sustainability Reports, QIAGEN webpage and social media channels.

8 Related Documents

GLO-POL-48-01-002	Corporate Environment Health and Safety Policy
GLO-SOP-48-01-003	Planning in Environment Health and Safety Management System
GLO-SOP-48-01-004	Operations in Environment Health and Safety Management
GLO-SOP-48-03-007	Plastic Key Performance Indicators
GLO-POL-31-03-003	Climate Policy

9 List of Attachments

N/A

10 Change Index

Table 1 Change Index

Revision No.	Reason for Change
01	Initial Version