



GO!PHA

Global Organization for PHA

Brochure 2021

INTRODUCING GO!PHA

The Global Organization for PHA (**GO!PHA**) is a non-profit organization established in 2019 to accelerate the development, commercialization, and adoption of Polyhydroxyalkanoate (PHA) polymers across industries and product segments globally. PHAs are renewable, durable, and biodegradable polymers that reduce or eliminate negative environmental impact of existing plastics. Join us in creating sustainable impact and change the way plastics are perceived globally.

By joining **GO!PHA**, you will be part of a global and action-oriented network of stakeholders – corporations, start-ups, non-profits, investors and benefactors – engaged in driving sustainability and a circular economy in the plastics industry and its downstream market applications.

GO!PHA provides a platform for sharing experiences, knowledge and developments, and will lead initiatives for PHA industry development from basic research to commercialization, bringing PHA stakeholders together on mutually beneficial agendas.

Become a member or sponsor to share, learn, contribute and collaborate and develop the next generation sustainable polymer industry.



OUR OBJECTIVES

GO!PHA has three main objectives:

Advocacy in policy and legislation

Educate legislative bodies and policy makers across government, industry and public interest groups, about the benefits of PHA polymers, by developing objective technical and environmental communication. Advocate the adoption of policy and legislative efforts to remove barriers for the adoption and proliferation of PHA.

Technical & scientific knowledge development

Generate and publicize basic technical and scientific knowledge and developments on matters of common interest around PHA processes and products, by sharing properties, methods, tools and standards. Enable technical discussions and networking to facilitate development partnerships on matters of common interest.

Market development & proliferation

Raise visibility and awareness of PHA implementation options to facilitate designing with PHA polymers, by showcasing best practices, successful novel applications and offering application development opportunities. Create and maintain an informative channel to present the realm of product and application development options and to develop objective inter-material replacement design, test and use database.

PRINCIPLES

GO!PHA collaborates with organizations that share similar objectives.

GO!PHA focuses on PHA because of its developing state of the industry, however

GO!PHA embraces active cross-organizational collaboration to multiply its impact.

GO!PHA is a lean organization, driven by global impact.

GO!PHA is defined by its impact and results, not by the organizational metrics.

GO!PHA aspires to be a lean, but effective organization.

GO!PHA takes care of the entire industry and its members.

GO!PHA is defined by its members and their involvement. **GO!PHA** looks for active participants to drive the PHA potential forward for the entire PHA industry.



ACTIVITIES

Advocacy

- Engage key stakeholders and PHA experts to educate global and local regulatory and legislative organizations and to proliferate the adoption of PHA polymers.
- Pro-active dissemination of the benefits of PHA polymers to different industries and the general public – the consumer – through press releases, media events, and conferences.

Knowledge development

- Act as a hub for increasing and publicizing the consolidated knowledge on PHA polymers, their resulting materials, their properties, applications and uses, specially highlighting their renewability, durability and biodegradability.
- Show case specific grades, applications and products on its websites, in databases, publications and other online channels.

Events

- Host or lead sessions in global events such as conferences, information sessions and other tailored events for networking and knowledge sharing among PHA stakeholders.
- Act as a forum to facilitate collaborations among various stakeholders in the production of and designing with PHA, in or across value chains.

Programs and committees

GO!PHA will establish several committees and programs to structure its activities and ensure oversight, member participation and knowledge dissemination. The content of the programs can change over time and committees can be added.

GO!PHA common interest research programs:

- *PHA Polymers*
Continuous development and dissemination of methods, tools, and processes to develop PHA. E.g. feedstock and strain efficiency, polymer characterization tools.

- *PHA Materials*
Continuous development and dissemination of PHA compounds, functional additives and processing. E.g. chain scission mechanics, tensile strength improvements, biodegradable compounds, PHA as functional additive.
- *PHA applications*
Continuous development and dissemination of PHA application options and opportunities. E.g. PHA coatings, fibers, films, composites.

GO!PHA committees:

- *Advocacy*
Influence legislation and policy development organizations, engage in global and local stakeholder meetings, provide recommendations for policy adoption.
- *Communication*
Develop awareness of PHA benefits and opportunities, targeting the manufacturing industry and the general public. Create news items, reports and events.
- *Performance standards*
Streamline industry presentation of key performance and testing data of different PHAs, documented in a database. Enable compounders and converters to use PHA for diverse purposes.
- *Design toolbox*
Create insight into inter-material replacement potential of different PHAs and enable converters to opt for a PHA-polymer as a viable alternative.

ORGANIZATIONAL STRUCTURE

The global management team of **GO!PHA** consists of an executive board, advisory board committee chairs, program managers and regional liaisons.

Executive Board

GO!PHA will be managed by the **GO!PHA** executive board, which will be responsible for further organizational development, setting the organization's agenda, developing programs and partnerships, controlling budget, reporting to its members and appointing **GO!PHA** officers.

The first Executive Board consists of the **GO!PHA** initiators; Jan Ravenstijn, Rick Passenier and Anindya Mukherjee, who will develop and expand the officer slate and create a succession and organizational development plan, this may include appointing a general secretary or president.

Advisory board*

The **GO!PHA** Advisory Board is capped at five persons. Currently the following members of the advisory board have been installed:

- Michael Carus, Founder of **GO!PHA** and Managing Director Nova-Institut GmbH
- Sanjeev Das, Global Packaging Director at Unilever
- George Guo-Qiang Chen, Director at Tsinghua University

Committee chairs and program managers*

The executive board will nominate committee chairs and program managers to secure execution, knowledge dissemination and communication for its respective activities and program.

Regional Liaisons*

The Executive Board may appoint individuals as Regional Liaisons to assist with local representation, execution of activities and participating in events. Regional Liaisons may represent one country or multiple countries. An Initial slate will be appointed by the Executive Board.

Budget

The membership fees will contribute to develop the organization, support its activities and initiatives executed by the committees and secure global representation. Individuals on executive or support staff positions are largely volunteering their time, however will be partially compensated for their time and leadership at nominal levels, which may include reasonable administrative support costs.

All operational expenditures, such as travel expenses, will need approval from the majority of the Executive Board and the Executive Board will be responsible to provide an annual budget report to its members.

Organizations will have the option to donate to **GO!PHA**. These funds will be exclusively used to fund the common interest research programs. All research proposals in 2020 will be reviewed with its contributors.

**Expressions of interest or suggestions for these positions can be directed at gopha@gopha.org.*



MEMBERSHIP

Membership of **GO!PHA** is open to all companies, investors, non-profits, and other entities actively engaged in the design, development, production, and adoption of PHA polymers. This includes organizations that have a broader interest in renewable, durable and/or biodegradable plastics, mitigating global warming, enhancing the circular economy or reducing plastics pollution.

Benefits

Join **GO!PHA** and become part of a global and action-oriented network that drives future-proof PHA solutions. Members and benefactors influence the **GO!PHA** agenda and can participate in programs and committees, receive regular updates, reports and results from its activities and are exposed to collaboration and joint communication opportunities.

Admission

Initially, **GO!PHA** is requesting a 2 year membership commitment to build momentum and ensure continuity. To apply for membership:

- Fill out the attached membership application and sponsorship form
- the Executive Board will review the application and inform the applicant within 30 days of the outcome
- Fees for the first year are due within 30 days of acceptance.

Fees

<i>Membership Category</i>	<i>Annual Membership fee (Euro)</i>
Academia, non-profits, foundations and individuals	1,500
Small and medium-sized enterprises (SMEs)	3,000
Multinational and large companies	6,000
Optional donation to research programs	> 6,000

Donations and benefactors/sponsors

For organizations that want to make a one-time donation, a benefactor program is in place. Donations are exclusively used to fund the common research programs that benefit industry overarching objectives. For sponsorship options, reach out to gopha@gopha.org.

Members



Academic members



Partners





GO!PHA
Oudebrugsteeg 9
1012JN Amsterdam
The Netherlands

E-mail: gopha@gopha.org
Website: www.gopha.org

GO!PHA MEMBERSHIP APPLICATION AND SPONSORSHIP FORM*

Company / Organizational details

Legal name:

Acronym:

Country of incorporation/registration:

Address:

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Postal/Zip code: City:

.....

Country:

VAT no.:

Website:

Contact Person Details

First name:

Last / family name:

Title:

Telephone:

Email:

Additional contact/assistant/accounting:

Membership category

- Academia, non-profits, foundations and individuals
- Small and medium sized enterprises (SMEs)
- Multinational and large companies
- Sponsorship/donation (please contact: gopha@gopha.org)

Name and signature of authorized representative

.....

Name:

Date:

**Please return this form to gopha@gopha.org*



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