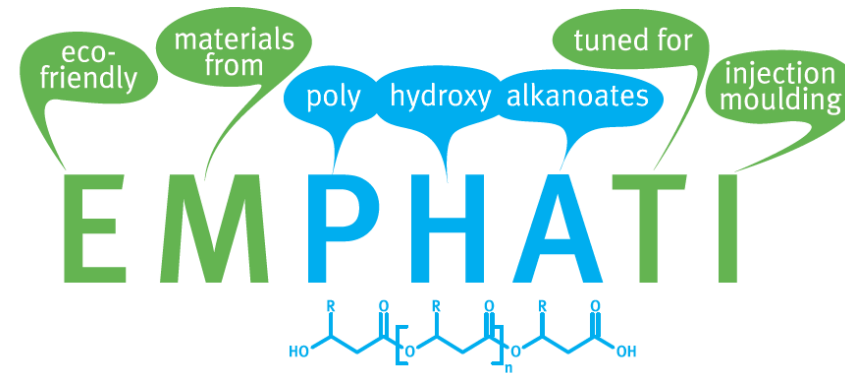


# Open Part



## Partner



## Assoziiert



# Emphati – Open Part

Opportunity for strengthen the PHA value chain in Northwest Germany and Northern Netherlands

## GOAL:

- Develop the PHA value chain in Northwest Germany and Northern Netherlands
  - The PHA value chain is not pre-defined by the consortium partners, therefore an open part is introduced.
  - The open part offers us, project partners and region, the opportunity to facilitate ideas/project that are sprouting during the Emphati project. And connect with new players.

## SCOPE:

- The whole PHA value chain (raw materials, (bio)conversion technologies, product development, applications testing, etc.)...
- ...Emphati is open for all types of technologies and applications, for a variety of known and unknown sectors: from e.g. materials/packaging, cosmetics & medical.

## TYPE OF PROJECTS:

- The open part supports: **feasibility studies & pilot projects.**

## Target Group:

- SMEs, research and industry in the whole Interreg Deutschland- Niederlanderegion, optionally in collaboration with knowledge institutes
- Projects **should have a transnational character**, including both German and Dutch partners in the budget, or other ways of involvement.

# Type of projects

## 1. Feasibility studies:

- Assessing the potential, risks and overall feasibility: Technically, economically, regulatory, legally, etc.
- TRL 2-3;
- Project duration: max. 6 months
- Budget: €20k or more (max. 50% subsidy = **max. € 10k**);
- Total budget: approx. €100k **(10 projects)**

## 2. Pilot studies:

- Development and testing of PHA-procedures, technologies and products/applications., covering TRL 3-6;
- Project duration: max. 15 months
- Budget: €150k or more (max. 50% subsidy = **max. € 75k**);
- Total budget: approx. €375k **(5 projects)**

## 3. In general:

- **Max. 50% of subsidy** can be acquired, and projects should always comply with state-aid rules.
- Projects should be completed before july 1st, 2025.

# Process

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1. Scouting of leads and potential projects
2. Development and submission of Interreg project application (using formats).
3. Assessment by board of experts
4. Judgement of BoE: Go or NoGo
5. If Go: a condensed advice by the BoE is proposed to the steering group, for formal approval.
6. Lead partner monitors the developments (content wise and financial)
7. Results/Successes are being shared with the region/world.

# How to apply?

Formats & instructions are found on:

- <http://biocooperative.nl/projecten/emphati/> (live soon)
- <https://www.3-n.info/projekte/laufende-projekte/emphati-ecofriendly-materials-from-polyhydroxyalkanoates-tuned-for-injection-moulding/>
- Emphati is already open for new proposals (continuously)
- Deadlines for important meetings of project advisory board published in internet

Communication campaign:

Emphati consortium partners will be contacted by Bio Cooperative

# Advisory board

5 independent PHA experts, 50% Dutch, 50% German

- ✓ Nikolaus Jansen (Amt f. Regionale Landesentwicklung, Oldenburg)
- ✓ André Heeres (Hanzehogeschool Groningen)
- ✓ Joost Paques (Paques Biomaterials)
- ✓ Martin Gründkemeyer (Netzwerk Oberfläche Service GmbH, Münster)
- ✓ Jörg Müssig (Hochschule Bremen)
- ✓ Christopher Straeter, ML Niedersachsen

+ various others as back-up

# Criteria

- Degree of innovation/state-of-the-art
- Business case
- Sustainability aspects
- Contribution to the regional PHA value chain and transnational character
- Contribution to
  1. Climate and environmental protection
  2. Circular economy