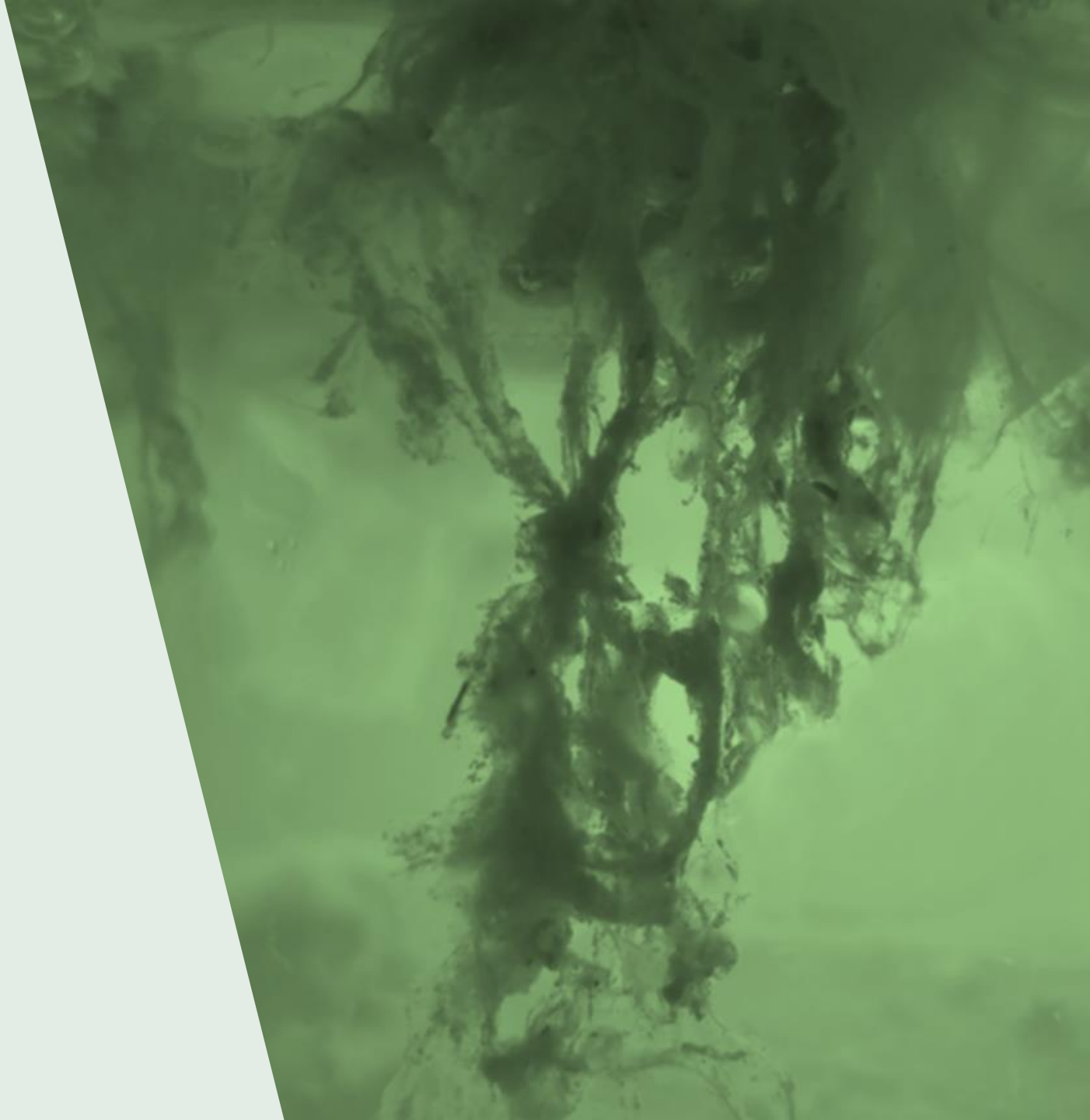
BIOWEG

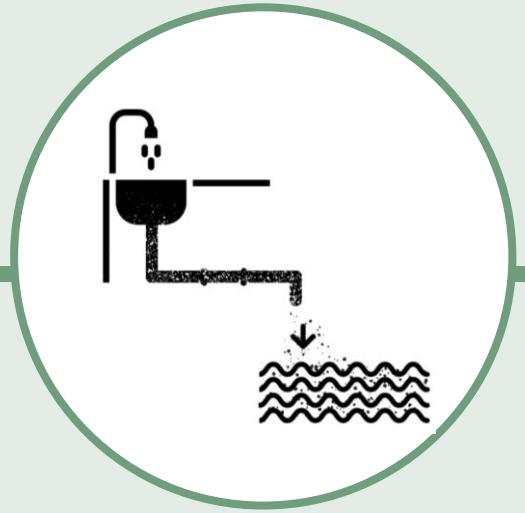
Replacing Microplastic With The Power Of Bacteria And Green Chemistry



Problem Statement

We are ingesting an average of 5 grams of microplastic every week, an equivalent of a credit card*

Solid and liquid microplastics in our day-to-day life



Travel from basins to water streams

Are ingested by fish

Enter the human body through the food chain

*CNN, 2019 ; Journal Environmental Science and Technology

EU regulation ban brings a big opportunity to replace all solid and liquid microplastics By 2028

Rinse-off Cosmetics

Leave-On Cosmetics

2026

2027

2028

BAN on Solid and liquid Microplastics

Agriculture & Detergents

Examples of Impacted Companies

Our Solution

We have developed bio ingredients with all the required parameters to replace microplastics: cosmetic formulation, material science, [illegible]

Microbeads

to replace solid microplastics

Customization – sizes, shapes and colour

Rheology Modifier

to replace liquid polymer

Customization – powder and gel

100% biodegradable, bio-based and sustainably sourced solution
Made from the fermentation of bacterial cellulose
Used in the formulation of consumer and home care products

Value Proposition Based On Science

Readily Biodegradable

Better Functionality

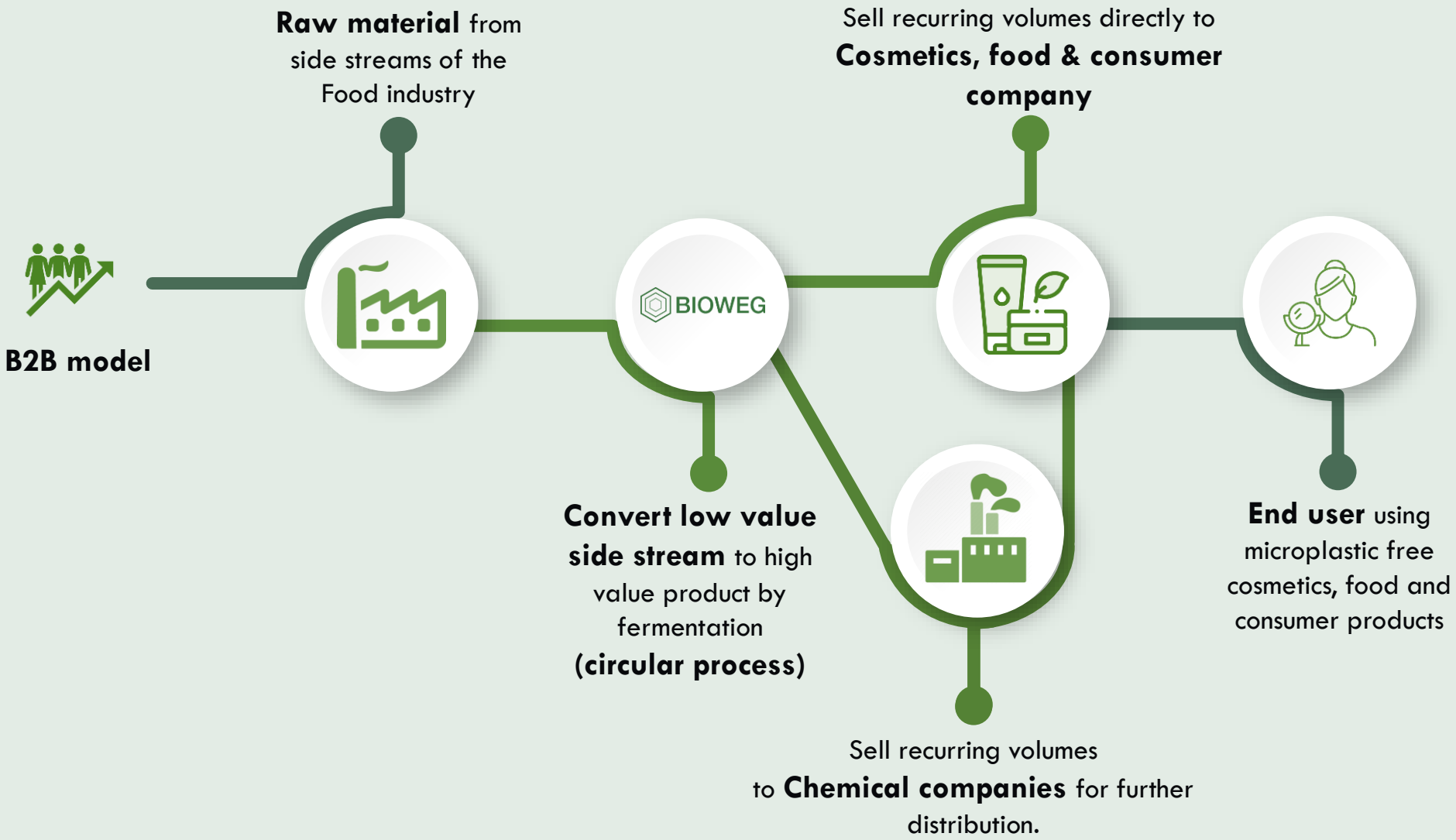
Circular Production

Non-GMO strains

Lower LCA

Green Chemistry

B2B Business Model



18 Potential Customers In The Pipeline

Cosmetics & chemical players

Commercial pipeline

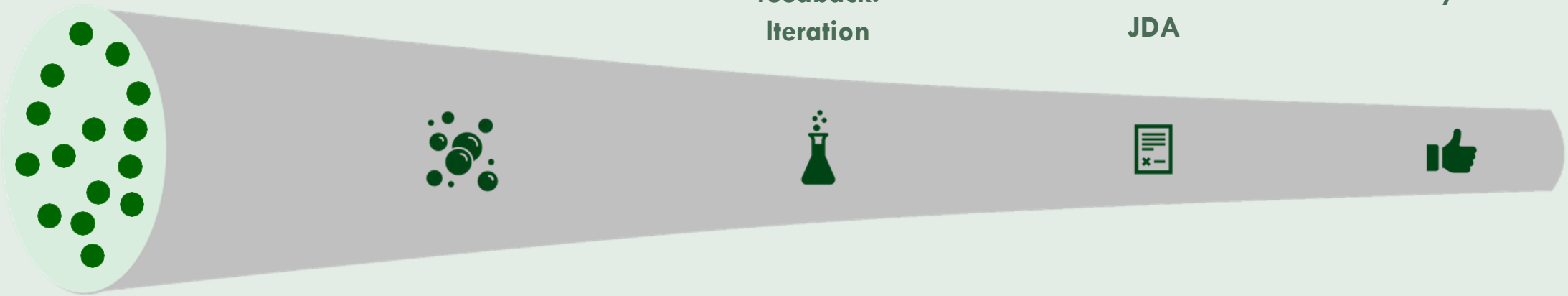
Gather requirements

Develop solutions

Deliver alpha, beta sample, testing feedback. Iteration

Negotiate sales contracts or JDA

Close sales with recurring orders of 4-5 years



Engaged Clients Examples:

Unilever, DSM, EVONIK Leading Beyond Chemistry

L'ORÉAL PARIS, K+S, ISDIN LOVE YOUR SKIN

YVES ROCHER Bretagne, France, Henkel, BASF We create chemistry, SEPPIC, CRODA, Lamberti

ACETO

Tested Our Technology In Other Verticals

Plant-based Food & Agri-coating

Verticals	Problem	Solution	Prototype	Testing
Plant-based food formulations	Juiciness and fiber structure For better taste and nutrition	**Hydroweg 100** Gel similar to Rheoweg 100		DIL
Agri coatings	Acrylic (plastic) based fertilizer and seed coating in the agriculture industry	**Agriweg 100** New formulation based on Rheoweg 100 and other biobased ingredients		K+S

Creating Broader Impact

ESG & climate

Reduce ~ 500* Tonnes Of Microplastics

Save Marine Ecosystem

Save Bird Population

80 % Lower Carbon Footprint

Avoid Potential Diseases

Microplastic-free drinking water

*~500 tones is the amount which we will produce and go in products by 2026, reference BIOWEG financial model

Experinced & Diverse Team

More than 60 years of combined experience in science & business

Dr. Prateek Mahalwar
CEO / Founder

Srinivas Karuturi
COO / Founder

Dr. Priyanka Juan
Strategy & Operations

Akinwale Oyeleke
Finance & Controlling

Dr. Salvatore La Chin
Strain engineering

Dr. Anuj Mittal
Material science

Biswatosh Pati
Bioprocess & Scale-up

Alejandro Villarías
R&D Fermentation

Filipa Pedro
R&D Fermentation

Mosammad Sultana
R&D Material Science

Diogo Miguel Ferreira
R&D Material Science

Iliana Kanavaki
Formulation testing

Tamaira da Silva
Formulations

Eemaan Raja
Marketing and PR

We are raising

€5M

As Bridge Round/ convertible note
Before Series A

To Deliver 2 Tons Of Product

Contact us

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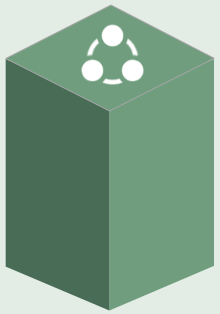
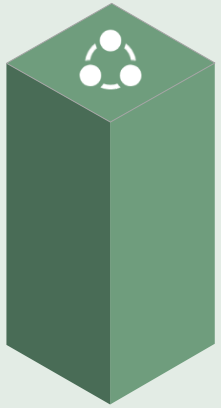
www.bioweg.com

BIOWEG Won €12,6M EIC Blended Finance
Blended Finance: Grant + Equity in 2022

European Innovation Council

European Innovation Council (EIC) established by the European Commission, under the Horizon Europe programme (2021-27)

EIC Grant
€2,5M



EIC equity
€10,1M