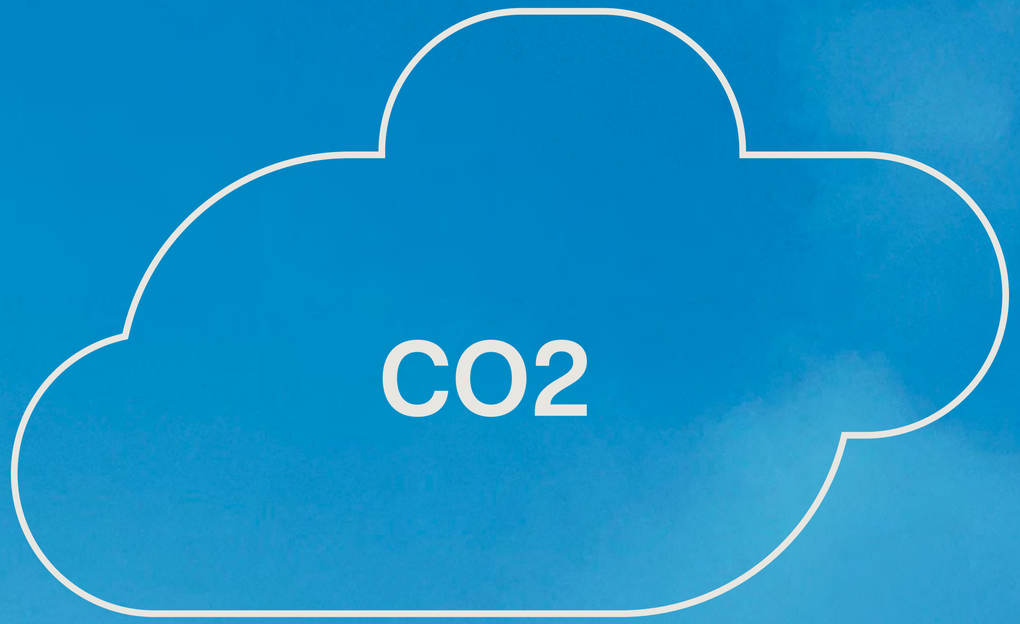
Willem Ballard

Lucilla Fell

Belle Duffner


CO2

The Opportunity

Utilizing algae cultivation to harvest CO2 into a sustainable product output.

beauty biology product design

L’air de Algues

Transforming beauty for better life.

The Process

Part 1: The Science

Benefits

Comparatively, algae cultivation is one of the safest forms of CCS technologies.

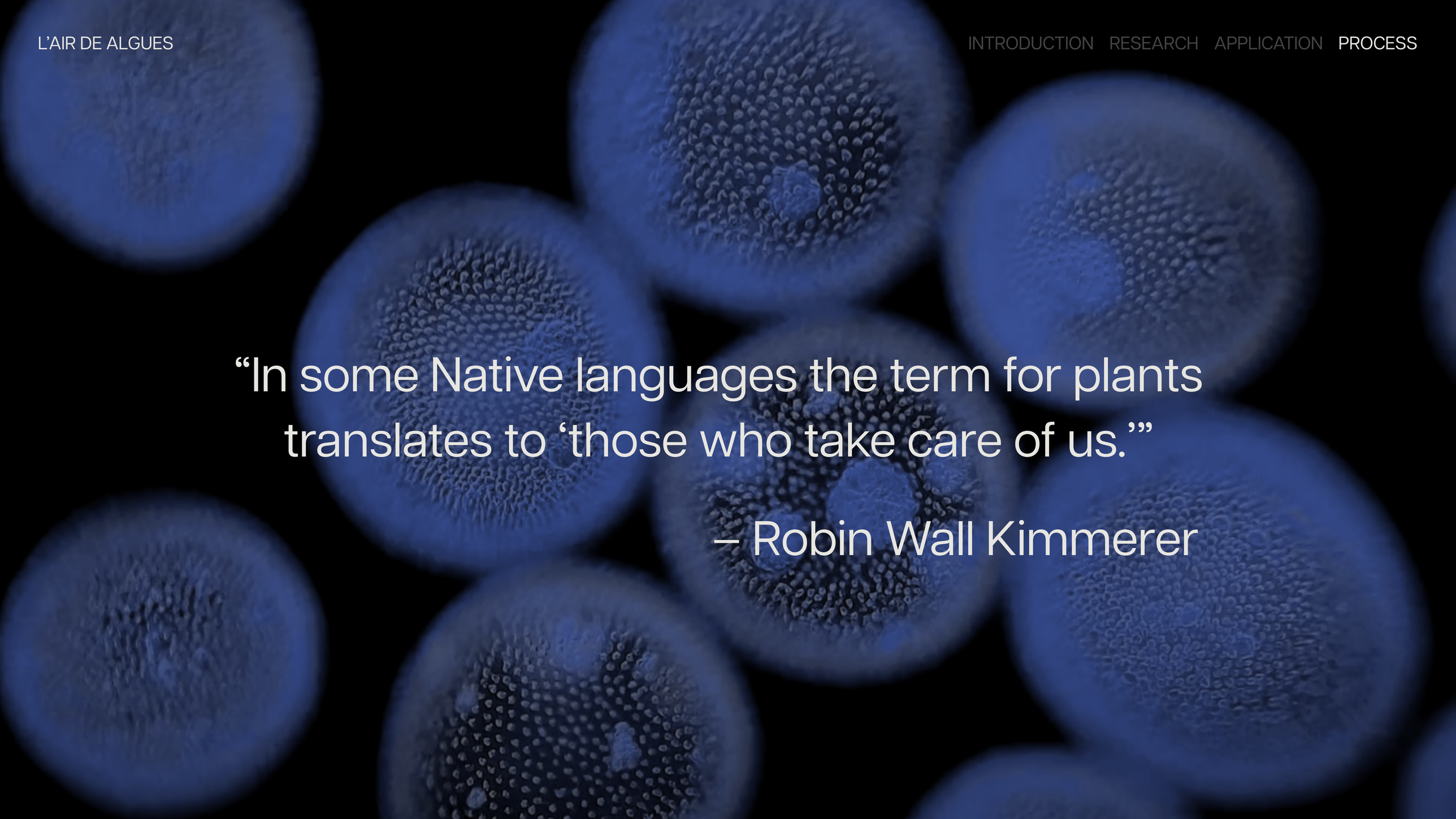
[Carbon Capture & Storage]

The Process

Part 2: The Beauty

The Process

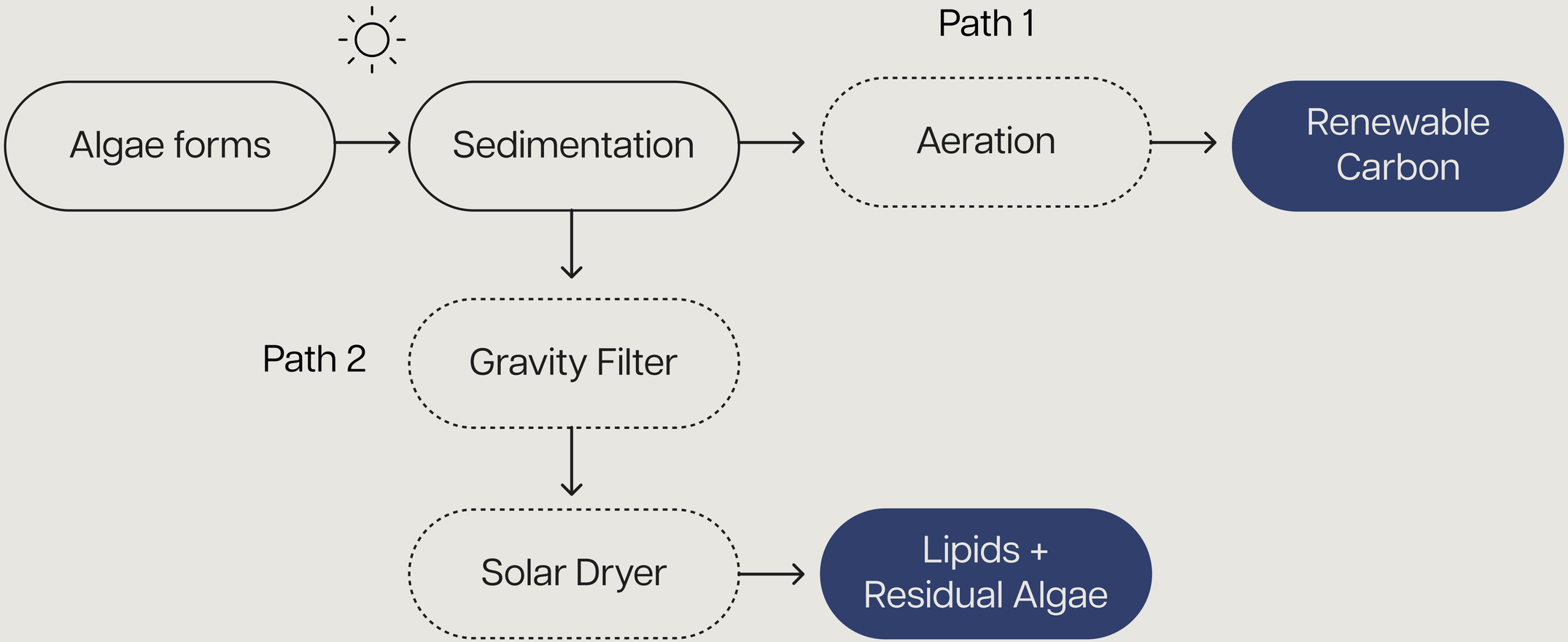
Part 3: The Loop



“In some Native languages the term for plants translates to ‘those who take care of us.’”

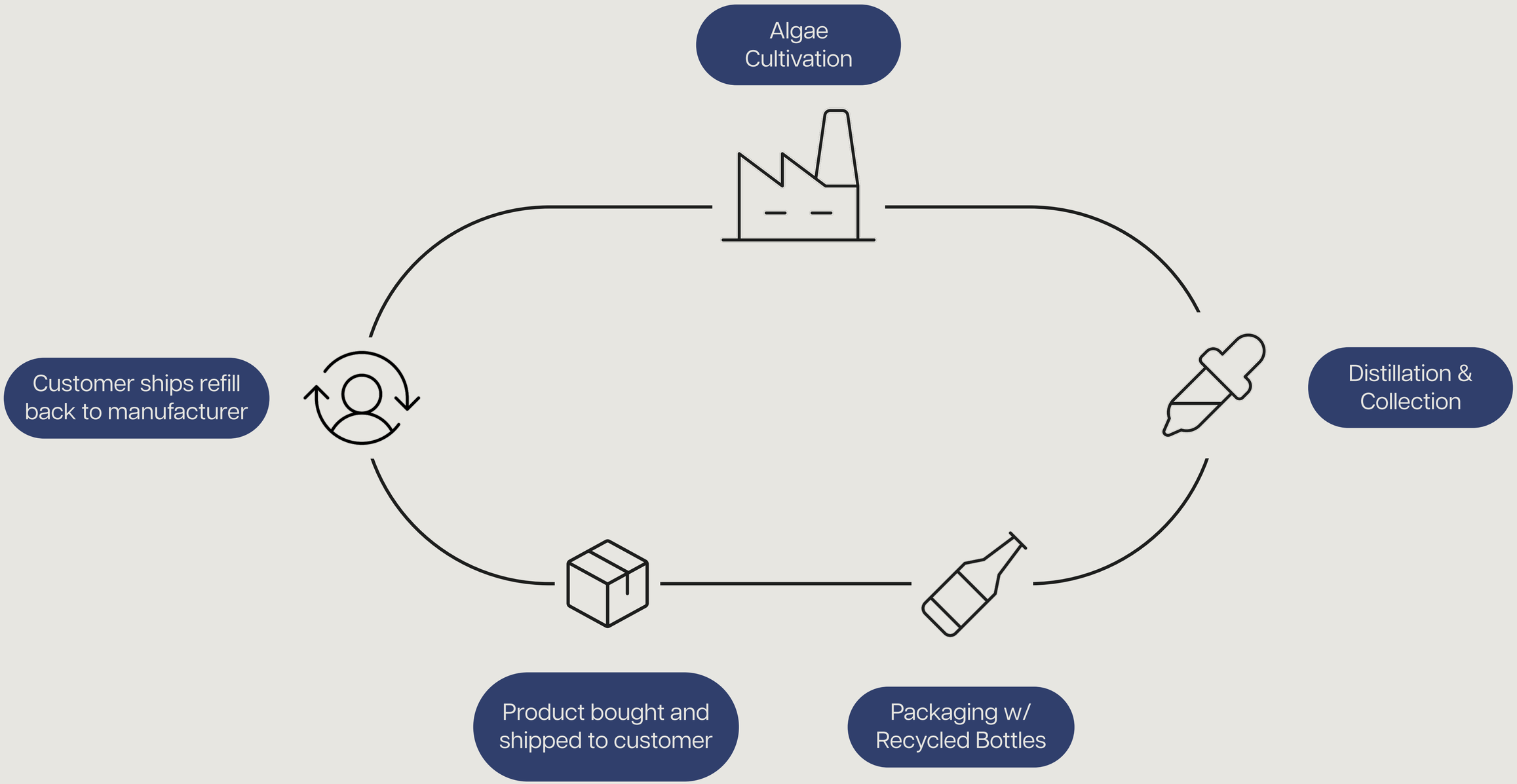
– Robin Wall Kimmerer

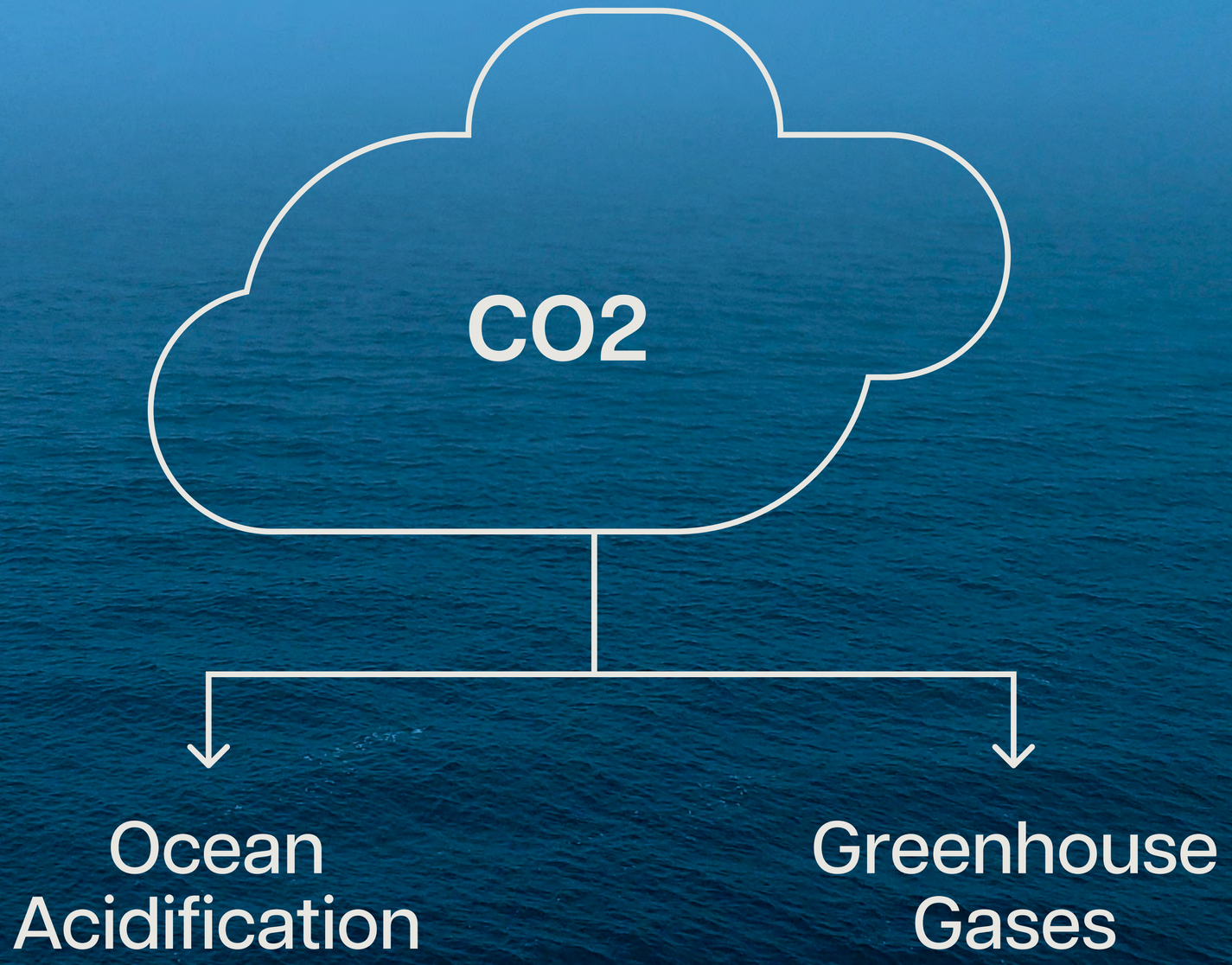
CO2

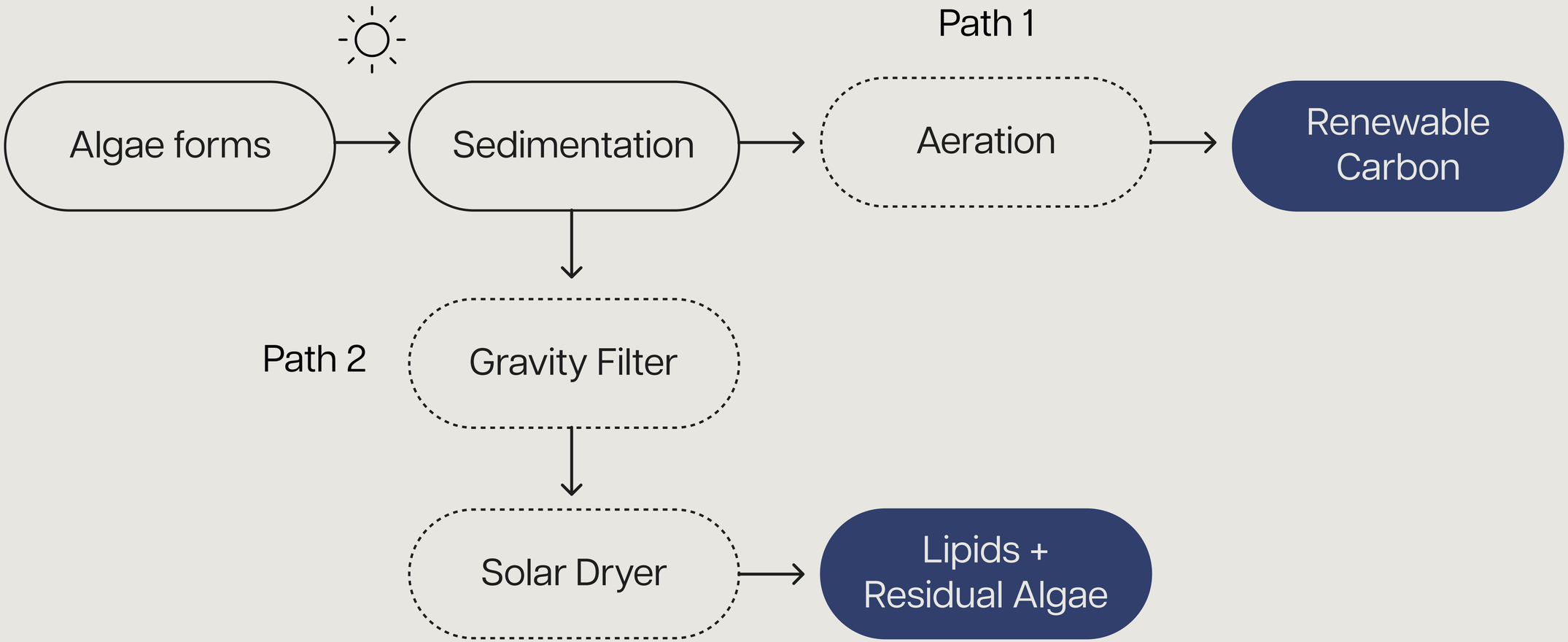

Path 1
Algae forms
Sedimentation
Aeration
Renewable Carbon
Path 2
Gravity Filter
Solar Dryer
Lipids + Residual Algae

Blue-Green Algae

Cyanophyceae has a multitude of benefits within beauty and fragrance


Algae Cultivation
Distillation & Collection
Packaging w/ Recycled Bottles
Product bought and shipped to customer
Customer ships refill back to manufacturer


CO2
Ocean Acidification
Greenhouse Gases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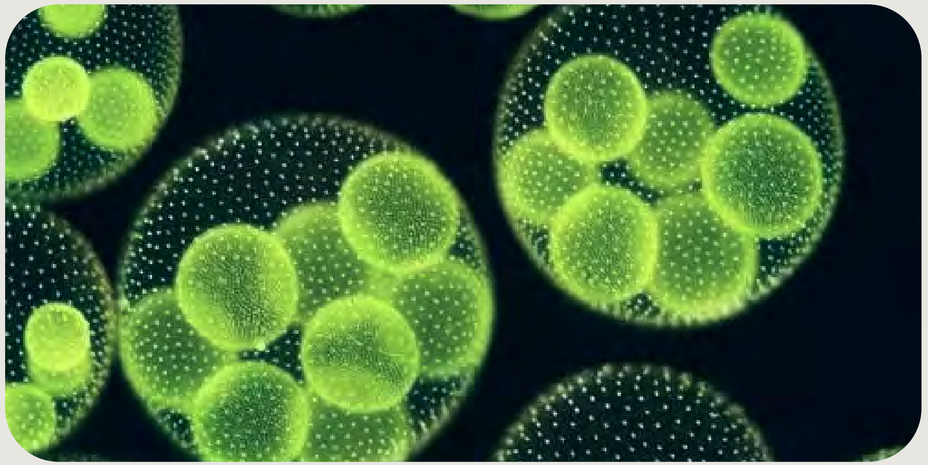
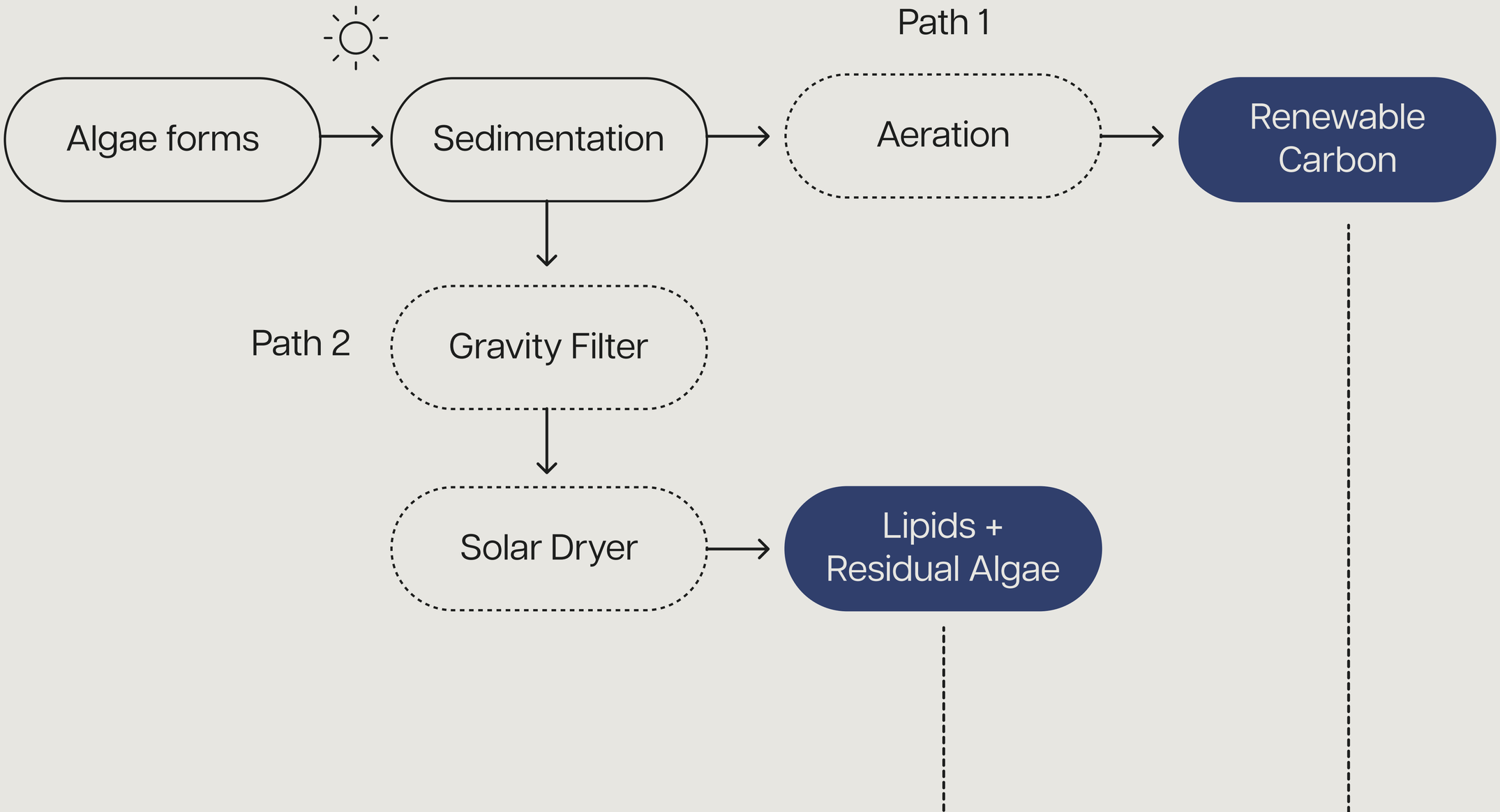
Blue-Green Algae

Focusing on micro-algae, we avoid the toxins that are associated with macro-algae



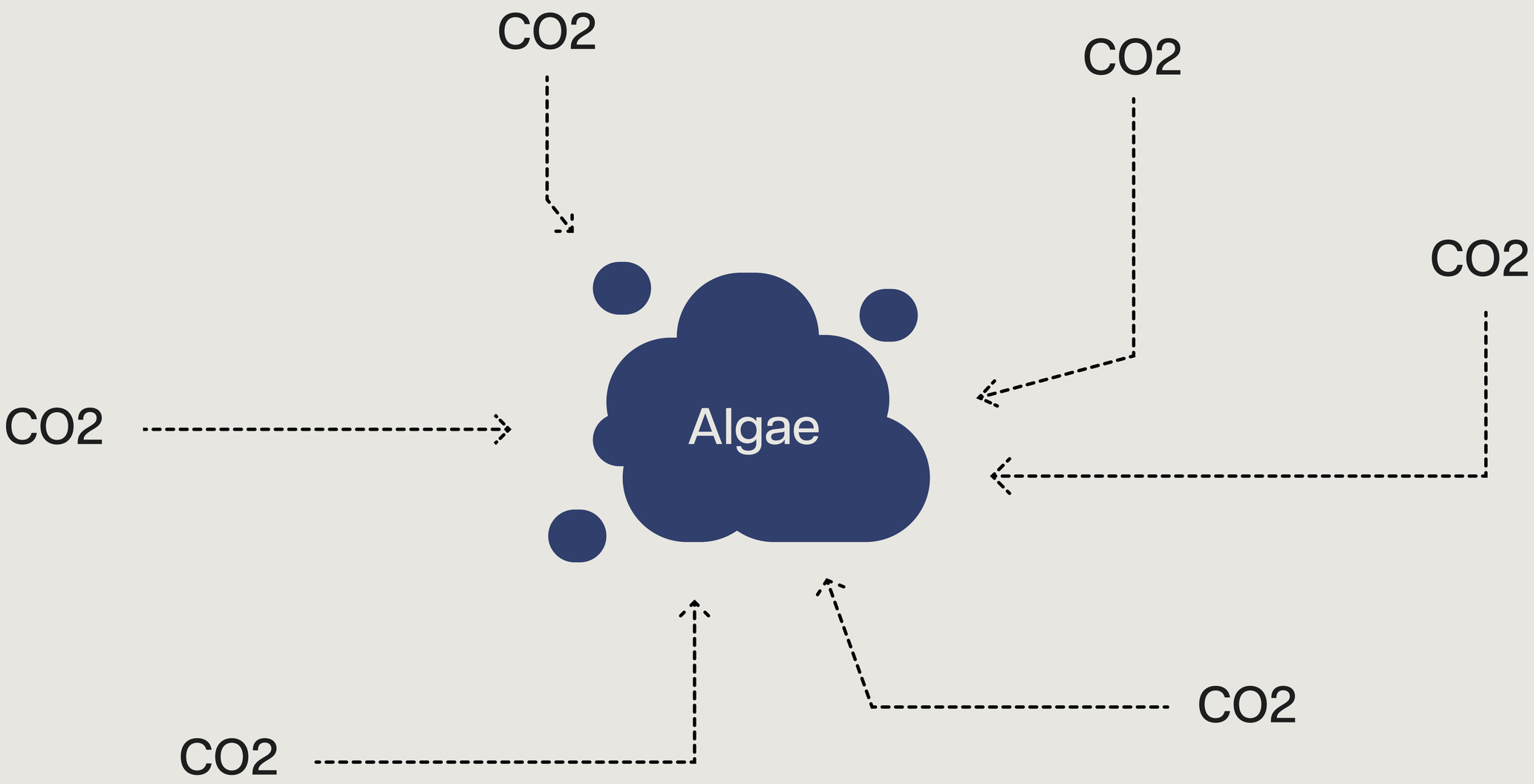
microscopic

CO2
CO2
CO2
CO2
Algae
CO2
CO2

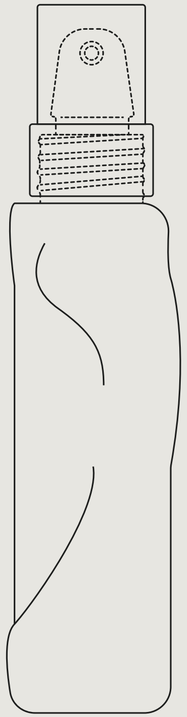

Path 1
Algae forms
Sedimentation
Aeration
Renewable Carbon
Path 2
Gravity Filter
Solar Dryer
Lipids + Residual Algae

The Fragrance & Facial Checklist

- ☑ Develop a fragrance with no VOC's
- ☑ Avoid Tertiary Packaging
- ☑ Use recycled glass for the bottle
- ☑ Focus on a genderless scent


CO2
CO2
CO2
CO2
Algae
CO2
CO2

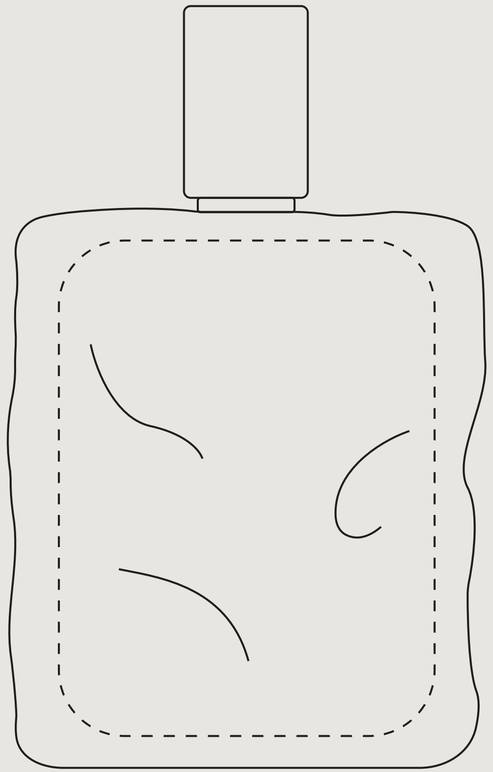
Lipids +
Residual Algae



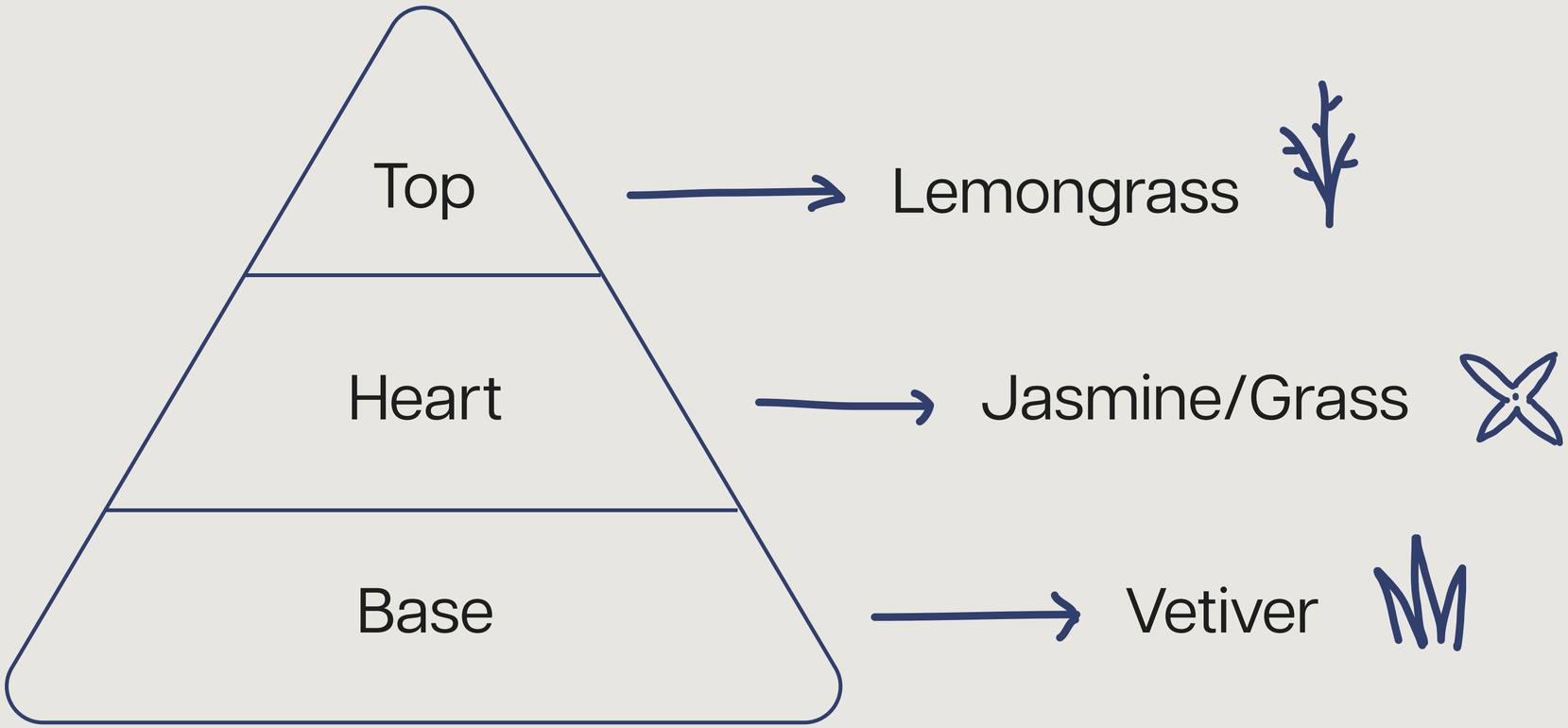
Peau d’algues.

[Algae Skin]

Renewable
Methane (CO2)



Air de Algues

[Algae Air]

The Fragrance Notes