

Carbon footprint policy and carbon reduction plan

**Our CO₂ strategy is to create value for cosmetics
brands by helping them to reduce emissions**



Executive summary

Our strategy is to create value for cosmetics brands by helping them to reduce emissions



<u>Situation</u>	Cosmetics brands are under pressure to reduce their CO ₂ emissions, as well as the CO ₂ intensity of their products
<u>Challenge</u>	Their challenge is to find suppliers that provide low CO ₂ ingredients, while maintaining quality and reliability
<u>Key question</u>	How does Provital help brands to reduce their CO₂ emissions while maintaining quality and reliability?
<u>The answer</u>	We have a clear carbon reduction strategy, supported by transparent data and backed by an ambitious and detailed plan

1. Clear carbon reduction strategy

We create value by helping brands to reduce their emissions

- We understand the pressure our customers are under in terms of carbon reduction, as well as the risks and scenarios they face
- That is why we create value for our customers by helping them to reduce CO₂ emissions
- We also provide high-quality, detailed data to enable them to demonstrate their progress.

2. Detailed and transparent data

We provide clear data relating to our carbon footprint and products

- Scope 1: 312 t CO₂-eq. (2021, primarily industrial heat)
- Scope 2: 31 t CO₂-eq. (2021)
- Scope 3: 5,019 t CO₂-eq. (2021, primarily related to purchased raw materials)
- Intensity: 3.94 kg CO₂-eq. per kg of product manufactured (2021)
- Data audited by AENOR and published on the CDP website

3. Robust and evidence-based carbon reduction plan

Ambitious targets backed by rigorous operational planning

- Targets: 42% absolute reduction of Scope 1 and 2 emissions by 2030, and 33-50% reduction of product CO₂ eq./kg emissions by 2030.
- Reduction plan: 17 measures, with a focus on ingredient substitution, business model design and alternative industrial heating.
- Climate contributions: CO₂ reduction is more important than compensation. Nonetheless in 2023 we contributed €75,000 to Verified Carbon Standard climate initiatives, corresponding to all of our 2021 base-year emissions



Foreword by the Director General

Our strategy is to create value for cosmetics brands by helping them to reduce emissions

Thank you for your interest in learning more about how we are trying to improve our carbon footprint.

As a successful SME in a growing sector, Provital is experiencing rapid growth. We are presented with the challenge of preventing our company's growth from leading to increased emissions. Our policy is based on transparency in terms of what we have achieved so far, and on taking responsibility for what remains to be done in terms of our environmental management.

Provital is known for providing clear, well-documented scientific data on the quality and effectiveness of our products. **We want to bring the same level of scientific rigor and clarity to our communications on sustainability.**

Our carbon footprint management plan is aligned with these priorities. It is **a rigorous and transparent plan**, based not on vague goals, wishful thinking or future technologies, but on setting ourselves carbon reduction targets that are backed up by detailed operational planning and concrete initiatives. However, we see this management plan as a work in progress to be continually improved upon.

Below are a few key points we would like to share with you regarding our carbon footprint:

- Provital is an SME with a relatively small carbon footprint. In terms of CO₂ intensity, our emissions are 3.94 kg CO₂/kg of product. The vast majority of our emissions are Scope 3 and are related to the purchase of our raw materials and the transportation of our finished product.
- In this plan, we explain **two carbon reduction targets**. The first is an intensity target. We commit to reducing our carbon emissions intensity (measured in terms of CO₂ per kg of product manufactured) by 33–50% by 2030. The second target is the absolute reduction of our Scope 1 and 2 emissions by 42% by 2030, in line with the Paris Agreement.

We understand that reducing Scope 3 emissions is a challenge for our customers, and that we can support them in this by providing clear and transparent data on our emissions, our products, and our carbon reduction. We therefore **invite our customers to contact us for more details on our carbon footprint management.**

Ricard Armengol
CEO

Focusing on financial growth without reducing our CO₂ emissions would not be a strategy that sets Provital up to succeed in a low-carbon economy.

Introduction: definitions and context

Climate change, carbon footprint and greenhouse gases (GHGs)



Climate change is the term used to describe the **change in temperature** and other climate variables, which is happening at a speed and intensity never seen before in human history, and is caused by human activity, specifically and primarily the burning of fossil fuels.



We are already witnessing the **impacts** of this phenomenon:

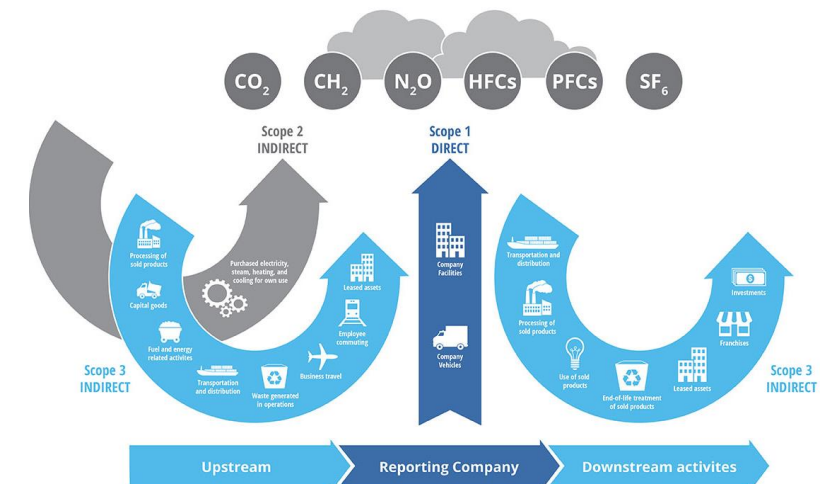
- **Extreme weather events**, such as cold drops, storms and hurricanes, which are becoming more intense and more frequent.
- **More intense heat waves**, which are also lasting longer and happening more frequently.
- **Extreme droughts** and megafires.

These impacts **are also harmful at both economic and social levels**, leading to increasingly serious consequences such as damage to crops and food production, and health risks.

Carbon footprint is an **environmental indicator** that aims to reflect the total amount of **greenhouse gases** (GHGs) emitted as a direct or indirect effect of an individual, organization, event or product, and is commonly expressed in tonnes of CO₂ equivalent (tCO₂-eq.).

It is calculated by creating an **inventory of the organization's GHG emissions**, differentiating between 3 types of emissions:

- **Scope 1** - the company's direct emissions
- **Scope 2** - indirect emissions generated by purchasing electricity
- **Scope 3** - indirect emissions generated by upstream and downstream business activity



Carbon footprint policy and reduction plan

Section 1



Carbon reduction strategy

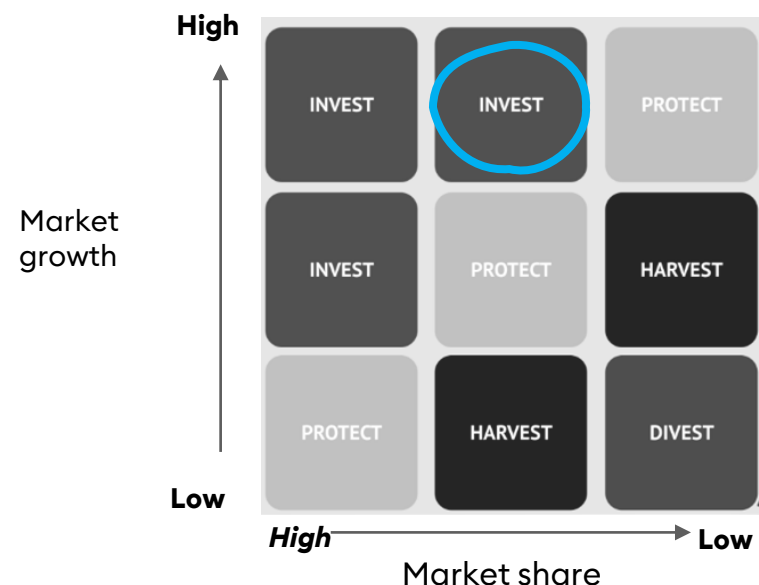
We create value by helping brands to reduce their emissions

Please contact us to find out how our ingredient design can contribute to your emissions reductions

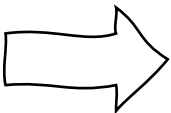
Business strategy and carbon reduction

Reducing CO₂ is the right thing to do. It also aligns with our market and our business strategy

Market dynamics



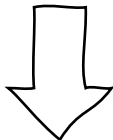
We have a growing share of a growing market.
The logical strategy is to invest.



Business strategy

Target Scope	Advantage	
	Low Cost	Product Uniqueness
Broad (Industry Wide)	Cost Leadership Strategy	Differentiation Strategy
Narrow (Market Segment)	Focus Strategy (low cost)	Focus Strategy (differentiation) (circled in green)

We must invest in product differentiation. This means we need to understand our customers, stay in tune with them, and keep meeting their needs.



What our clients need is to demonstrate real sustainability progress, backed up with data, while maintaining quality

Our customers need to reduce their emissions

Why do they need to reduce their emissions?

Carbon management
strategy

Carbon footprint

Reduction plan

Regulatory requirements

GLOBAL

- United Nations Framework Convention on Climate Change (1992) – COPs.
- Kyoto Protocol (1997).
- Paris Agreement (2015).

EUROPEAN UNION

- Emissions Trading Scheme Regulations (Directive 2003/87/EC) and Industrial Emissions Regulations (Directive 2010/75/EU).
- European Climate Law (EU Regulation 2021/1119).
- Regulation on the Governance of the Energy Union and Climate Action (2018/1999).

NATIONAL AND LOCAL

Market requirements



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The 4 pillars of a SMETA



In terms of carbon reduction, cosmetics brands need:

- Low-carbon ingredients
- Suppliers who can offer them quality data on CO₂ intensity and emission reductions
- The ability to demonstrate that they are working with suppliers (like Provital) on carbon reduction.

We help brands to reduce CO₂

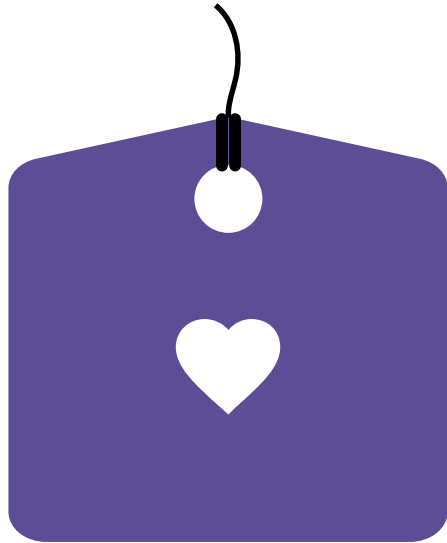
Carbon management
strategy

Carbon footprint

Reduction plan

We want to establish ourselves as the main partner for cosmetics brands in minimizing their carbon footprint. How can we support these brands to effectively reduce emissions?

1. We reduce the embedded emissions in our products



By cutting the emissions intensity of our products (kg CO₂/ kg of our product) we are reducing the Scope 3 emissions of our clients, and the emissions intensity of their products

2. We provide brands with carbon reduction data and evidence of supply chain engagement



Cosmetics brands are under pressure to demonstrate that they are engaging with their supply chain and that their Scope 3 emissions are declining. We proactively provide them solutions and evidence to fulfill both point

3. We work with them to design tailor-made products



We work with customers to design low-carbon ingredients that match the application, efficacy and format they are targeting.

Risk and opportunity analysis

Carbon management
strategy

Carbon footprint

Reduction plan

The main risk for Provital would be not being correctly positioned when the market prioritizes carbon emission reductions. The purpose of this policy is to minimize this risk.

Physical risks	Transition risks	Litigation risks
<ul style="list-style-type: none">• Changing climatic conditions• Extreme weather events <p>Direct damage to asset or property</p> <ul style="list-style-type: none">• Lack of access to key ingredients in our supply chain• Reduced water supply• Disruptions to inbound and outbound transport	<ul style="list-style-type: none">• Political changes• Technological innovation• Social adaptation <p>Disruptions due to adjustments towards a low-carbon economy</p> <ul style="list-style-type: none">• Not positioning ourselves effectively for the market shift to low-carbon products.• Not considering the impact of CO₂ on our material costs.	<ul style="list-style-type: none">• Disputes between interested parties• Regulatory enforcement <p>Failure to consider and respond to the legal implications of climate change</p> <ul style="list-style-type: none">• Not being prepared for new regulations• Stranded products with a CO₂ profile that makes them unprofitable in a new regulatory environment.

Opportunity

Beat the competition with a robust and resilient supply chain

Opportunity

Innovate and become a market leader with low-carbon products.

Opportunity

Add value for our customers by providing them with the best data

2030 scenario analysis

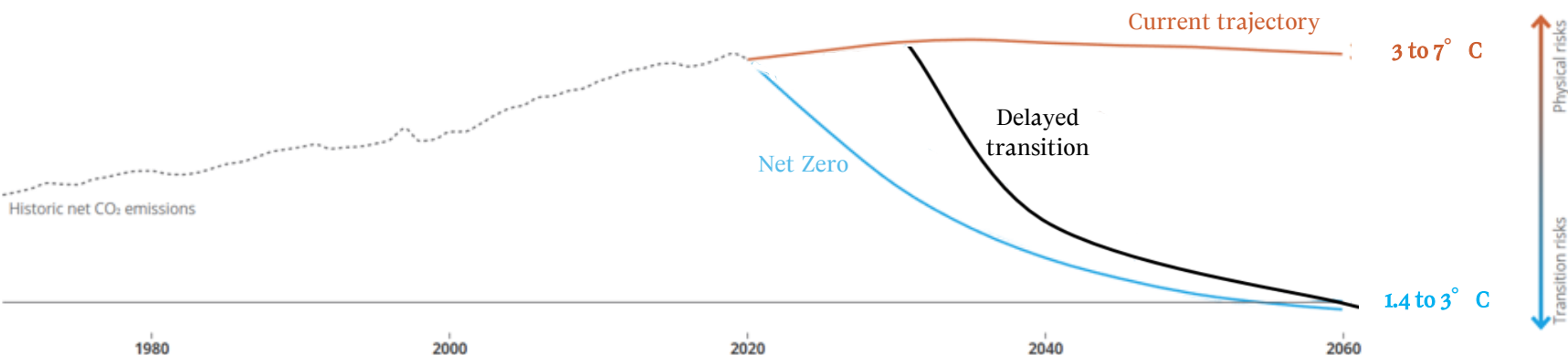
Carbon management
strategy

Carbon footprint

Reduction plan

Unfortunately, it is still unclear how society will react to the threat of climate change. Therefore, our plan is designed to minimize risk and maximize benefit in several potential scenarios

Pathways leading to
different climate
change outcomes



Net Zero

Delayed transition

Current trajectory

The pathway we are on in 2030:	Both society and government begin to take climate change very seriously	We are afraid of damaging the economy, so society and government take action, but slowly	Society and government continue as before
Consumer behavior in 2030	<ul style="list-style-type: none">Consumers demand to know the carbon footprint of products and base their buying decisions on this information	<ul style="list-style-type: none">Consumer preference for low-carbon products is increasing	<ul style="list-style-type: none">The importance of sustainability is the same as it is now
Regulatory landscape in 2030	<ul style="list-style-type: none">Measurement, reporting, reduction plans<ul style="list-style-type: none">Border tariffsCarbon taxes	<ul style="list-style-type: none">Mandatory measurement, reporting, reduction plans	<ul style="list-style-type: none">No new regulations
Supply chain	<ul style="list-style-type: none">Border tariffs	<ul style="list-style-type: none">Certain raw materials are not available<ul style="list-style-type: none">Increased raw material costsTransport problems	<ul style="list-style-type: none">Many suppliers collapse; some raw materials are not available<ul style="list-style-type: none">Costs increaseFrequent transport problems
Competitors	<ul style="list-style-type: none">Brands compete to have products with the lowest carbon footprintBrands transform their business models, otherwise they fail	<ul style="list-style-type: none">Brands compete to have the products with the lowest carbon footprint	<ul style="list-style-type: none">Brand reformulate products according to the raw materials availableBrands seek new materials and suppliers

The plan matches our strengths

Carbon management
strategy

Carbon footprint

Reduction plan

Provital is known for providing clear and well-documented scientific data



"Provital is known for providing clear, well-documented scientific data on the quality and effectiveness of our products. We want to bring the same level of scientific rigor and clarity to our communications on sustainability."

Read our sustainability policy here: <https://www.weareprovital.com/en/our-impact>

Carbon footprint policy and reduction plan

Section 2



Transparent data

We provide clear data about our carbon footprint & our products

Contact us for any additional data you may need to demonstrate progress on your CO₂ reductions

Carbon footprint summary

Base year: 2021

Carbon management
strategy

Carbon footprint

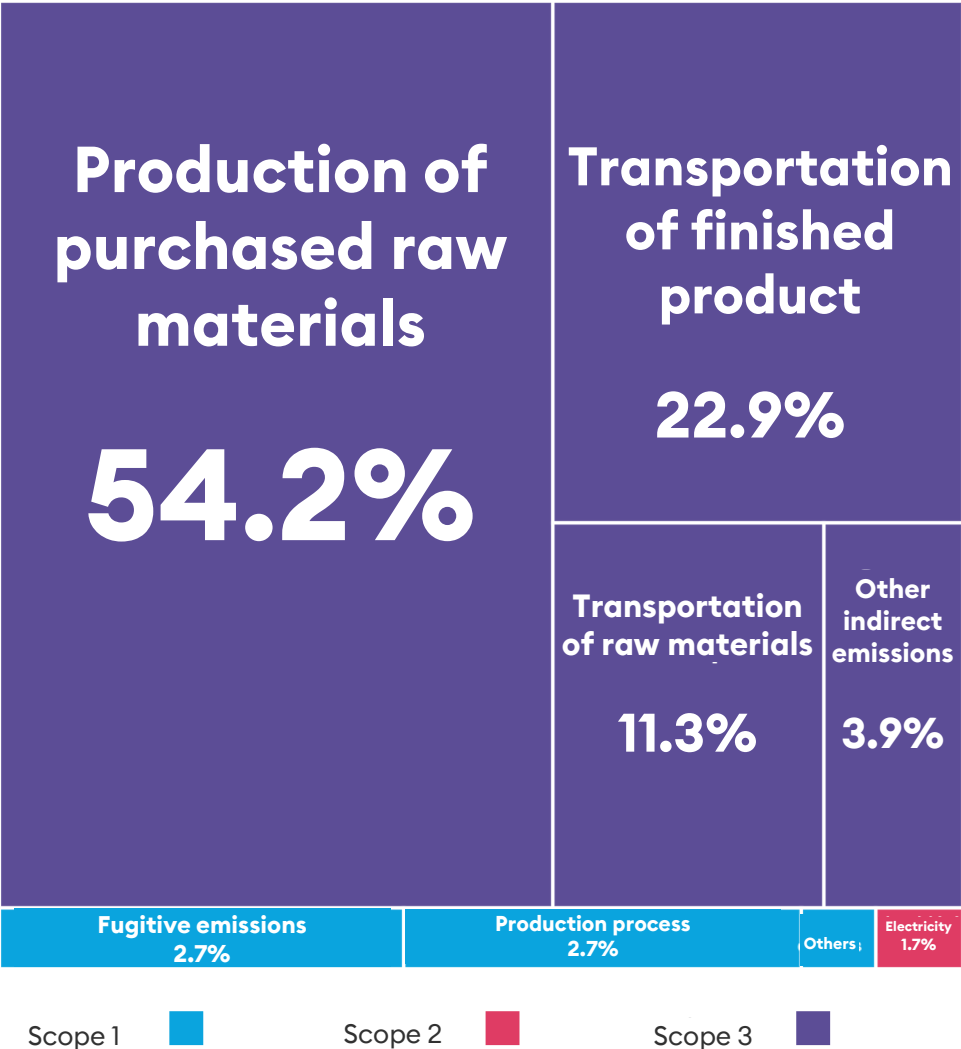
Reduction plan

Provital started measuring GHG emissions in 2019. However, we have established our base year as 2021 to recalibrate the effect of the pandemic and because it is the first year for which data is available from all our subsidiaries.

Total emissions

Scope 1 emissions	312	Tonnes of CO ₂ -eq.
Scope 2 emissions	31	Tonnes of CO ₂ -eq.
Scope 3 emissions	5,019	Tonnes of CO ₂ -eq.
Total emissions	5,362	Tonnes of CO ₂ -eq.

Period	1 January 2021 – 31 December 2021
Operations	Production of cosmetic ingredients
Data sources and quality	All data are from primary sources, based on kg of raw materials purchased and products sold, shipping kilometers, supplier invoices and equipment readings.
Verification	This measurement has been reviewed by an independent third party.
Organizational boundaries	Financial Consolidation Approach (extended). The data shown here includes Provital S.A. head office and production, as well as subsidiaries. (More details on the next page).
Operational boundaries	85% of raw materials are included. The transportation of raw materials is measured from our upstream supplier.
Base year	This is the second year that Provital has measured emissions. It will be taken as the base year because it is more complete than the previous measurement.
Methodology	The carbon footprint has been measured by the eco-design company, inèdit, in accordance with ISO 14646 and GHG Protocol standards. Emission factors are sourced from the Spanish government and ecoinvent.



Details of Provital's carbon footprint, 2021

Carbon management
strategy

Carbon footprint

Reduction plan

ISO14064 category (all units are in tonnes of CO ₂ -eq.)		Spain		France		Poland		China		Brazil		Category TOTAL	
1 Stationary combustion	Fuel heating system	0.04	0.00%	0.13	0.81%	4.13	2.12%	0.00	0.00%	0.00	0.00%	4.30	0.08%
2 Mobile combustion	Company vehicles	9.82	0.20%	3.93	24.57%	7.55	3.87%	0.00	0.00%	0.78	0.38%	22.08	0.41%
3 Emissions related to the production process	Industrial boiler	141.47	2.92%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	141.47	2.64%
4 Fugitive emissions	Fire-fighting equipment and fluorinated gases for air-conditioning equipment	144.10	2.97%	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.00	0.00%	144.10	2.69%
SCOPE 1 TOTAL		295.42	6.09%	4.06	25.38%	11.68	5.99%	0.00	0.00%	0.78	0.38%	311.94	5.82%
6 Electricity emissions	Electricity used	0.79	0.02%	0.15	0.96%	19.12	9.81%	8.49	8.66%	2.45	1.19%	31.01	0.58%
SCOPE 2 TOTAL		0.79	0.02%	0.15	0.96%	19.12	9.81%	8.49	8.66%	2.45	1.19%	31.01	0.58%
8 Other energy-related emissions not listed above	Emissions generated by fuel used and solar electricity generation	93.72	1.93%	1.03	6.47%	2.46	1.26%	0.00	0.00%	0.20	0.10%	97.42	1.82%
9 Products purchased from third parties	Water consumption	2.40	0.05%	0.00	0.02%	0.03	0.01%	0.00	0.00%	0.00	0.00%	2.43	0.05%
	Raw materials for production, office supplies, containers, drums and packaging	2876.66	59.34%	0.77	4.81%	5.49	2.82%	0.00	0.00%	1.51	0.74%	2884.43	53.79%
11 Waste generation	Waste transport and treatment	77.54	1.60%	0.03	0.16%	0.00	0.00%	0.00	0.00%	0.02	0.01%	77.58	1.45%
12 Transportation and distribution of inputs	Raw material for Provital Spain production or finished product	256.63	5.29%	0.23	1.41%	84.28	43.23%	80.92	82.50%	178.38	86.82%	600.43	11.20%
13 Business travel	Our employees' business travel	7.31	0.15%	0.24	1.50%	3.50	1.80%	4.17	4.25%	0.00	0.00%	15.22	0.28%
14 Leased assets	Subcontracted warehouse	0.00	0.00%	0.00	0.00%	0.00	0.00%	0.39	0.40%	0.66	0.32%	1.05	0.02%
17 Transportation of the final product	Transportation of samples	9.50	0.20%	0.07	0.43%	0.04	0.02%	0.03	0.03%	0.01	0.00%	9.65	0.18%
	Transportation of finished products	1128.74	23.28%	8.60	53.76%	62.53	32.07%	3.60	3.67%	15.69	7.63%	1219.16	22.74%
22 Employee commuting	Employee commuting from home to Provital	98.91	2.04%	0.82	5.10%	5.84	3.00%	0.47	0.48%	5.76	2.81%	111.80	2.09%
SCOPE 3 TOTAL		4551.40	93.89%	11.78	73.66%	164.17	84.20%	89.59	91.34%	202.22	98.43%	5019.17	93.60%
TOTAL CARBON FOOTPRINT for the site		4847.61	91.40%	16.00	0.30%	194.97	3.64%	98.09	1.83%	205.46	3.83%	5362.11	100.00%

Changes to the Provital carbon footprint

Carbon management
strategy

Carbon footprint

Reduction plan

2019

4,211 t CO₂-eq.

3.64 kg CO₂-
eq. per kg sold

2021

5,362 t CO₂-eq.

3.94 kg CO₂-
eq. per kg sold

2022

5,059 t CO₂-eq.

4.2 kg CO₂-eq.
per kg produced

3.91 kg CO₂-eq.
per kg sold

Changes made between the measurements of 2019 and 2021:

- Data from subsidiaries in Brazil, China and Poland was added, along with data from Provital Spain's office in Germany
- We increased the accuracy of our scope 3 measurement by including more activity (From 82% ▶ 92% coverage of finished product distribution and raw materials in Spain)

Changes made between the measurements of 2021 and 2022:

- Carbon footprint verified in 2021 (some changes in Spain's emissions)
- Data coverage increased in all subsidiaries to at least 95% (finished product distribution and raw materials purchasing)
- New indicators based on kg sold and kg produced

Carbon footprint verification by AENOR

The data we report have been audited by independent third parties



AENOR

Confía

Certificado Huella de Carbono

AENOR

HUELLA DE CARBONO CO. CALCULADO

HCO-0044/2023

AENOR certifica que la organización

PROVITAL, S.A.

es conforme con la Norma ISO 14064-1:2018

para las actividades

Genera unas emisiones totales de 5.362,11 tCO₂-eq (Emisiones directas: 311,94 tCO₂e; emisiones indirectas: 5.050,17 tCO₂-eq). El alcance de la verificación se establece para las actividades de: "Desarrollo, producción y comercialización de principios activos para la industria cosmética".

Periodo de verificación: Año 2021

CONFORME AL: Informe de Emisiones Verificado del periodo 2021 y la Declaración de Verificación de AENOR

que se realizan en

Direcciones indicadas en el Anexo

Emisión:

2023-07-13

AENOR INTERNACIONAL S.A.U.

Génova, 6. 28004 Madrid, España

Tel. 91 432 80 00 - www.aenor.es

Rafael GARCÍA MEIRO

CEO

AENOR

Confía

Certificado Huella de Carbono

AENOR

HUELLA DE CARBONO CO. CALCULADO

HCO-0044/2023

Anexo al Certificado

Establecimientos:

HEAD QUARTERS - OFICINA, FABRICA Y ALMACÉN PI CAN SALVATELLA, GORGES LLADO 200, 08210 - BARBERÀ DEL VALLÈS (BARCELONA)
OFICINA PROVITAL FRANCE, SAS, 41 rue du Colisée PARIS, 75008 - PARIS (Francia)
OFICINA Y ALMACÉN PRZY AUTOSTRADZIE, 1. 62-030 - LUBON (POWIAT POZNANSKI - Polonia)
OFICINA Y ALMACÉN PROVITAL TRADING (SHANGHAI) CO., LTD. ROOM 208, BUILDING 12 320 TIANPING ROAD, XUHUI DISTRICT SHANGHAI, 200030 - SHANGHAI (China)
OFICINA Y ALMACÉN RUA BORGES LAGOA, 971 13º ANDAR C/ 131, 04038-032 - SÃO PAULO (Brasil)

Emisión:

2023-07-13

AENOR INTERNACIONAL S.A.U.

Génova, 6. 28004 Madrid, España

Tel. 91 432 80 00 - www.aenor.com

Rafael GARCÍA MEIRO

CEO

AENOR

Confía

Conclusión

Basado en lo anterior, y de acuerdo al nivel de aseguramiento limitado, no hay evidencia que haga suponer que la información sobre emisiones de GEI reportada en el informe elaborado por la organización, de fecha 21/04/23, no sea una representación fiel de las emisiones de sus actividades. De forma consecuente con esta Declaración a continuación se relacionan los datos de emisiones finalmente verificados:

Emisiones	t CO ₂ e
Categoría 1: Emisiones y remociones directas de GEI	311,94
- Emisiones directas a partir de combustión estacionaria	145,76
- Emisiones directas de combustión móvil	22,08
- Emisiones fugitivas	144,10
Categoría 2: Emisiones indirectas de GEI por energía importada	30,53
- Emisiones indirectas de GEI por electricidad importada	30,53
Categoría 3: Emisiones indirectas de GEI por transporte	1.964,8
- Emisiones causadas por el transporte y distribución de bienes aguas arriba	600,43
- Emisiones causadas por el transporte y distribución de bienes corriente abajo	1.228,80
- Emisiones causadas por el desplazamiento de los empleados desde sus hogares a los centros de trabajo	111,8
- Emisiones causadas por viajes de negocio	15,22
- Emisiones causadas transporte de residuos	8,55
Categoría 4: Emisiones indirectas de GEI por productos utilizados por la organización	3054,84
- Emisiones provenientes de los productos comprados	2.885,78
- Emisiones provenientes de la gestión de residuos	69,03
- Emisiones procedentes del uso de activos por equipos arrendados	1,05
- Emisiones provenientes de servicios contratados (agua)	1,08
- Emisiones producción combustibles (WTT)	97,9
Emisiones Totales	5362,11

Barberá del Vallés, a 19/06/2023

D. Rafael García Meiro

CEO

We share our CO₂ data publicly to promote transparency



https://www.cdp.net/en/responses?per_page=5&queries%5Bname%5D=PROVITAL&sort_by=project_year&sort_dir=desc

Name	Response	Year	Status	Score
PROVITAL SA	Climate Change 2023	2023	Submitted	Not Available
PROVITAL SA	Forests 2023	2023	Submitted	Not Available
PROVITAL SA	Water Security 2023	2023	Submitted	Not Available
PROVITAL SA	Climate Change 2022	2022	Submitted	Not Available
PROVITAL SA	Water Security 2022	2022	Submitted	Not Available

Annual sustainability report published on the website:

<https://www.weareprovital.com/en/our-impact>



ecovadis

PROVITAL SA (GROUP)

BARBERÀ DEL VALLÈS - Spain | [Manufacture of other chemical product...](#)

Company size: M | Assessment scope: Group

Overall score
71/100

Percentile
96th



Carbon footprint policy and reduction plan

Section 3



Carbon reduction plan

Ambitious targets backed up by detailed planning

We invite cosmetics brands to contact us if they need help calculating how our products will contribute to their CO₂ reductions.

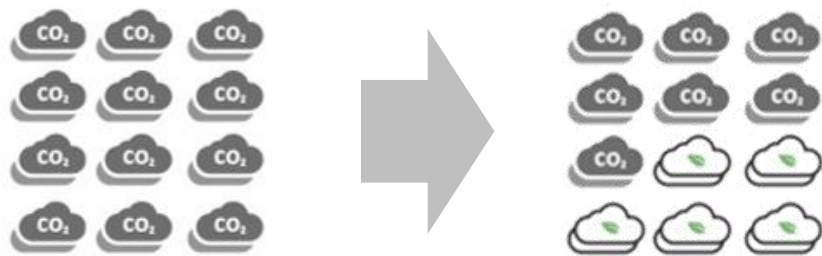
Carbon reduction targets

Provital has two short-term reduction targets

Reduction of our direct emissions

Base Year: 2021	2030 target
Scope 1 & 2 = 404 t CO ₂ -eq.	42% absolute reduction

Absolute reduction of Scope 1 & 2 emissions, even when accounting for ambitious revenue growth in line with our long- term plan

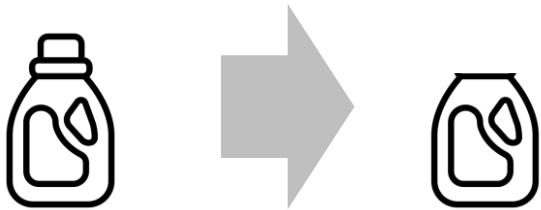


Aligned with SBTi methodology and the Paris Agreement

Reduction of our products' CO₂ intensity

Base Year: 2021	2030 target
3.94 kg CO ₂ /kg produced	Intensity reduction of between 33 and 50%

Reduction in kg CO₂ per kg of products manufactured, including Scopes 1, 2 and 3.



Relevant to the market, to our customers, and for our internal management

Details of how we will achieve our targets

Our targets are not based on ambiguity: the total impact of our reduction measures corresponds to our reduction targets.

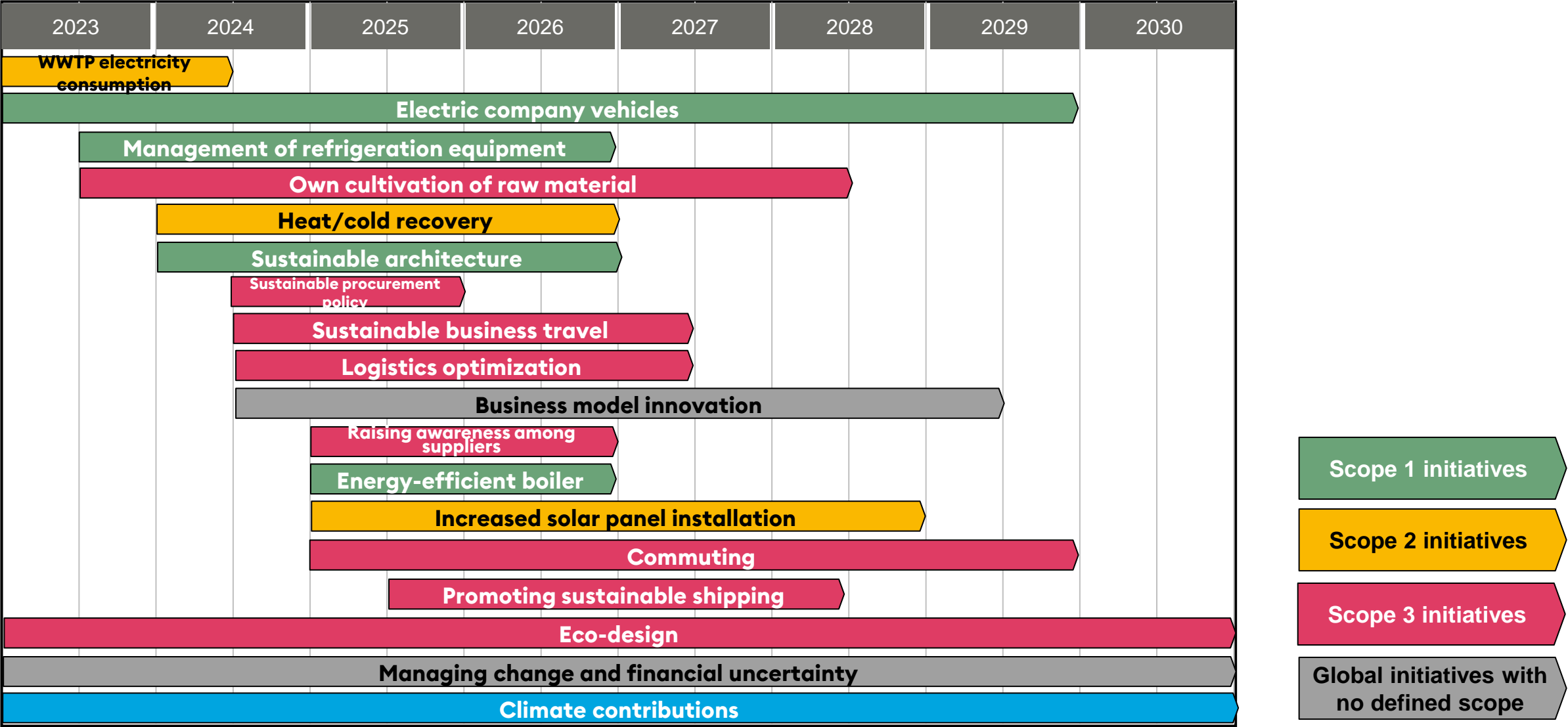
Carbon Footprint Category	Description	Emissions 2021	Projected 2030 emissions without action	Initiatives	↓ Emissions	Projected 2030 emissions with action
1 Stationary combustion	Fuel heating system	4	7			7
2 Mobile combustion	Company vehicles	22	35	Electric vehicles	65%	12
3 Production process	Industrial boiler	141	222	Energy-efficient boiler	60%	89
4 Fugitive emissions	Liquid refrigerants and fire safety equipment	144	227	Management of refrigeration equipment	66%	78
Scope 1 Subtotal		312	491			186
6 Electricity emissions	Electricity used	31	49	WWTP electricity consumption, heat/cold recovery, sustainable architecture, solar panels	60%	12
Scope 2 Subtotal		31	49			12
Total Scope 1+2 emissions		343	539			198
8 Other energy-related emissions	Production of energy used	97	153	Linked to fuel reduction from other initiatives	60%	61
9 Water consumption	Water consumption	2	4			4
9 Products purchased from third parties	Raw materials for production	2,884	4,536	Cultivation of raw materials, sustainable purchasing policy, raising awareness among suppliers, eco-design, etc.	63%	1,675
11 Waste generation	Waste transport and treatment	78	122			122
12 Transportation and distribution of inputs	Transportation of raw materials	600	944	Cultivation of raw materials, raising awareness among suppliers	33%	633
13 Business travel	Our employees' business travel	15	24	Sustainable travel	15%	20
14 Leased assets	Subcontracted warehouse	1	2			2
17 Transportation of the final product	Transportation of samples	10	15	Logistics optimization, Promoting sustainable shipping	33%	10
	Transportation of finished products	1,219	1,917		33%	1,285
22 Employee commuting	Employee commuting	112	176	Commuting		176
Scope 3 Subtotal		5,019	7,894			3,987
Total Scope 1+2+3 emissions		5,362	8,433			4,186
Production in kg		1,359,780	2,138,572			2,138,572
Intensity (kg CO ₂ /kg produced)		3.94	3.94			1.96

42% reduction of Scope 1 + 2 emissions

33–50% reduction of CO₂/kg produced

Carbon reduction measures

We evaluated 40 possible carbon reduction measures. We prioritized them and designed operational plans to implement 17 initiatives.



Details of key initiatives:

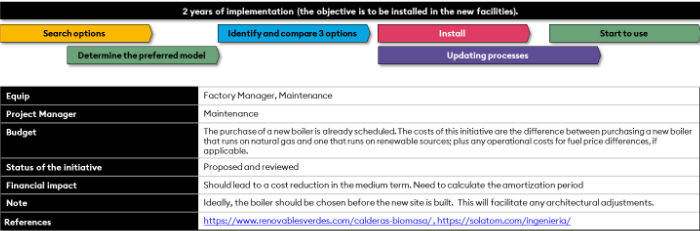
Certain measures stand out for their strategic importance and high impact.



Initiative: More eco-efficient boiler

Objective: To reduce emissions related to the production process with a boiler that uses more sustainable energy (e.g. electric or biomass or bio-deisel).

2021 Emissions: 141 tones (Scope 1: Production) **Reduction target:** 44%

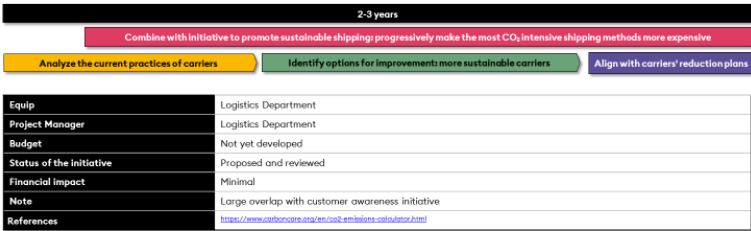


Solar heat and new advances in industrial heat pump technology give us the opportunity to reduce heat-related emissions throughout our production process.

Initiative: Logistics optimization

Objective: Reduce carbon footprint of shipments

2021 Emissions : 1228 tones (Scope 3: Product transportation) **Reduction target:** 10%



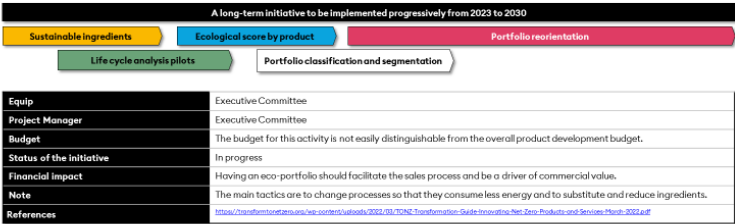
We still have significant opportunities to reduce logistics emissions. This includes upstream, downstream and internal logistics optimization.



Initiative: Ecodesign

Objetivo: Diseñar productos con menor huella de carbono

2021 Emissions: 2884 (Scope 3: Raw material) **Reduction target:** 33%-66%




Eco-design—specifically the substitution of petroleum-based solvents in our products—is the most important lever for achieving Scope 3 reductions.


Reduction plan: Governance

Our plan is underpinned by clear governance mechanisms and the commitment of senior management


Roles and responsibilities




Role: Program sponsor
Reporting to: Provital CEO
Responsibility: Decision-making, budgetary control, obstacle removal



Role: Subsidiary representatives
Reporting to: One representative from each subsidiary
Responsibility: Key contact for input, decision-making and the progress of each subsidiary



Role: Team leaders
Reporting to: QHSE
Responsibility: To design, build and implement the plan in collaboration with various departments and subsidiaries.



Role: Initiatives leader
Reporting to: Managers from various departments
Responsibility: Responsible for approving and implementing reduction measures related to their area.

Meetings

Meeting	Aims	Organizer	Participants	Agenda	Timing	Results
GHG management meeting	Overall program review with regular progress reports	QHSE	Team Leader, QHSE Team	<ul style="list-style-type: none">Identify and resolve key issuesCoordinate resources	30 minutes every two weeks	<ul style="list-style-type: none">The program's status is clearProjects are operating with minimal risks and obstacles
Meetings focusing on individual initiatives	Update the status of individual initiatives	Leader of each initiative	Varies according to each initiative	<ul style="list-style-type: none">Status of individual initiatives	Varies according to each initiative	<ul style="list-style-type: none">The project is achieving the expected results and deadlines
Coordination meeting	Support and consider input from subsidiaries	QHSE	One representative from each subsidiary	<ul style="list-style-type: none">Status of the subsidiaries' initiativesProposals from subsidiaries	1 hour per month	<ul style="list-style-type: none">Subsidiaries take the lead in reducing their GHGs
Sponsors meeting	Evaluate progress and make key decisions	QHSE	CEO	<ul style="list-style-type: none">Risks and decisionsBudgetTarget monitoring	1 hour every 2 months	<ul style="list-style-type: none">Key decisions taken (projects initiated, financed, cancelled)

Climate contributions

Carbon management
strategy

Carbon footprint

Reduction plan

Carbon reduction is more powerful than compensation.

Nonetheless , in 2023 we contributed €75,000 to Verified Carbon Standard climate initiatives to offset our 2021 base-year emissions

Sujawal Mangroves
Pakistan

Henan Winter Heating
Project (China)

ecoact
an atos company

Nature

An environmental
restoration project for a
mangrove area in Pakistan

Technology

To help China's energy
transition by building a
geothermal heating
system in Henan
province

Gold Standard
Climate Security & Sustainable Development

**Verified Carbon
Standard**

We are committed to continuing to make climate contributions, alongside reducing our carbon footprint

An evolving carbon management model

Carbon management
strategy

Carbon footprint

Reduction plan

Provital currently manages **CO₂ emissions at company level**. However, we are improving our data and our capabilities to manage CO₂ emissions **at process and product level**.

4: PRODUCT LEVEL

Capacity to measure, report and reduce CO₂ at product level.

3: PROCESS LEVEL

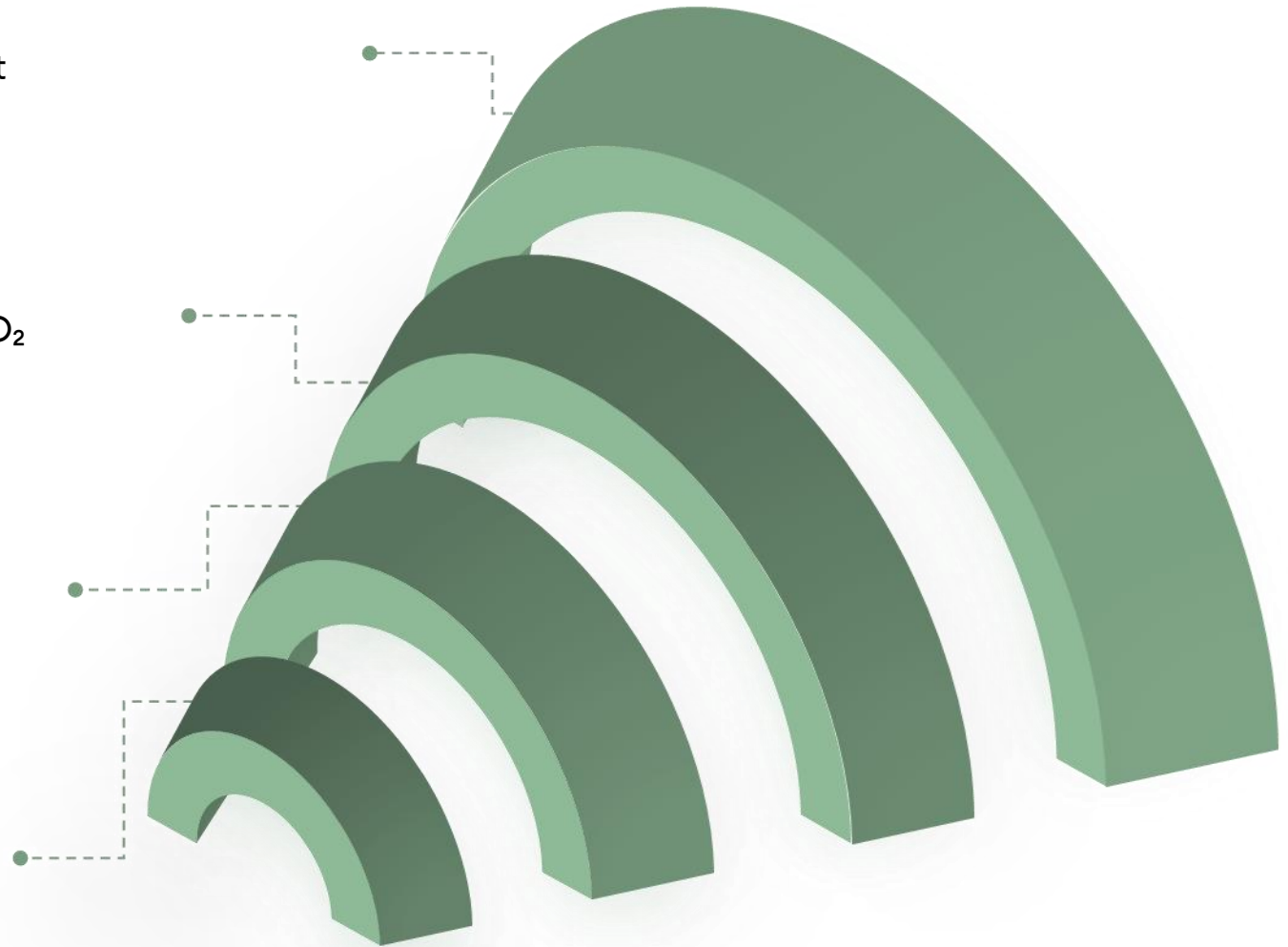
Capacity to measure, report and reduce the CO₂ of specific processes.

2: COMPANY-WIDE

Capacity to measure, report and reduce the company's CO₂ emissions.

1: BASIC

Capacity to measure, report and reduce the company's CO₂ emissions.



Scopes and levels of carbon management

Carbon management
strategy

Carbon footprint

Reduction plan

The following table provides an overview of the carbon management actions included in this plan (in dark grey) and future actions that Provital aims to implement but that are not included in the current plan.

STRATEGY	FINANCE	MEASUREMENT AND REPORTING	REDUCTION	SCOPE 3	COMMUNICATION AND ACTIVISM
Carbon management plan	Climate contributions	Basic GHG accounting	Quick wins	Basic measurement	Ad hoc commitment: advertisements
Robust governance	Management of financial uncertainty (internal CO ₂ tax)	Full organizational accounting based on expenditure or emission factors	Reduction plan	Targets	Internal communication
Carbon management aligned with business strategy	Risk detection and management	Carbon footprint auditing	Reduction targets	General engagement with suppliers	Structured change management plan
Scenario planning and adaptation	Identifying financing options	Public information: CDP	Eco-design based on LCA data	Supplier-level data and segmentation	Organizations
Business model innovation	Banking with green institutions	Use of LCA to provide more detail on high-priority items	Advanced measures: Business model innovation	Specific commitment to help suppliers with the highest impact	Political participation

Thank you!

If you have any questions, please contact us via e-mail:

qhse@weareprovital.com

You can find more details about our environmental management, as well as our sustainability policy and annual report on our website at :www.weareprovital.com/en/our-impact

**Carbon footprint policy
and carbon reduction
plan**