

DELTALIGHT

Deltalight,
and *future*
generations

2024

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aesthetical, sustainable design

Introduction by the *Ameloot* family

“Sustainability is more than just a fashionable trend; it reflects the spirit of our times. For Deltalight and the Ameloot family, as a forward-looking family business, engaging in sustainable practices is a natural extension of our values. It goes beyond merely following a trend. As a family business, we are deeply aware of the importance of what each generation passes on to the next.

Our plan is simple yet ambitious, aligned with the responsibility we carry and the dedication that characterises Deltalight. We do not walk this path to sustainability alone but together with our customers, specifiers, suppliers, and employees, as partners in creating a better future—based on personal contact, commitment, and trust.”



02

Our ambition for sustainability



In Deltalight's vision for 2050, sustainability stands at the forefront of our values, guiding our operations. Our expertise lies in crafting architectural lighting solutions designed with longevity in mind. These products embody durability, ensuring they not only illuminate spaces but also stand the test of time.

We are fully committed to build a responsible business for our current generation and for those to come, with sustainability and circularity being key parts of our operations. To reach this goal, we have a no-nonsense and pragmatic plan, consisting of 4 programmes.

Our ambition
for sustainability

OUR PLAN

Programme 1

DECARBONISATION

Programme 2

CIRCULAR ECONOMY

Programme 3

SOCIAL FOUNDATION

Programme 4

SUSTAINABILITY DRIVERS



OUR PLAN

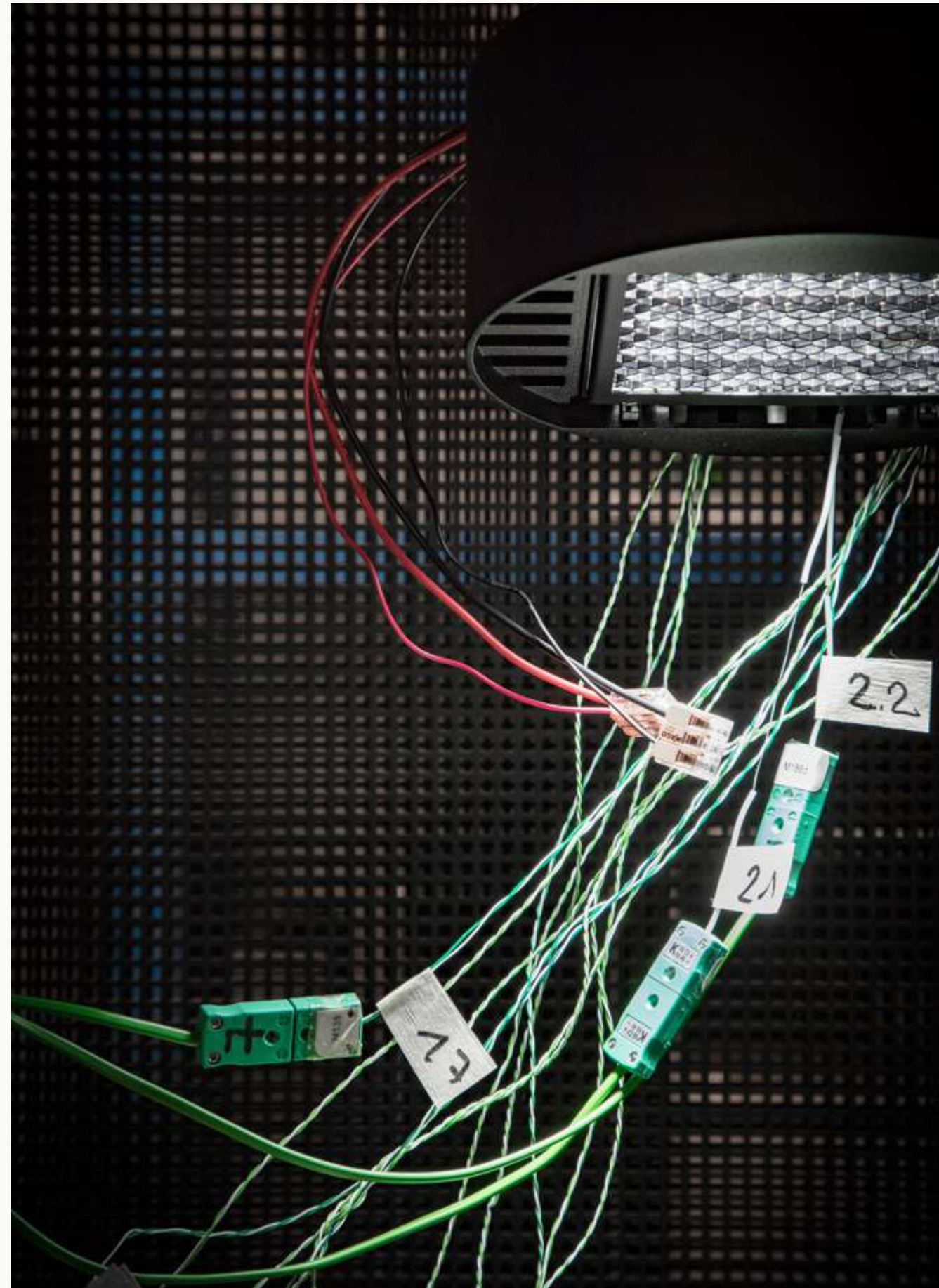
As a family business we searched for a partnership that could help us out with useful and usable tools. We used the Future-Fit Methodology to derive our long-term goals. Because we strive to become a Future-Fit Business, which means that our company uncompromisingly supports the wellbeing of people while respecting planetary boundaries .

We have formulated a four cornerstone programme that collectively forge a comprehensive pathway to true sustainability. Each programme carries a clear vision with an ultimate long-term goal. In order to reach each goal we derived meso- and micro goals, inducing ownership on all company-levels and a feasible step-by-step approach.

PURSuing FUTURE-FITNESS ACROSS THE VALUE CHAIN



Programme 1 - *Decarbonisation*



The first programme is all about taking decisive steps to reduce emissions across all scopes of our operations. We are committed to reaching net-zero carbon operations, which means adjusting our business practices, so we do not emit more greenhouse gases than we remove. We want to reduce our carbon footprint by 50% by 2030 and reach net-zero by 2050, requiring an annual reduction of 8%.

Our goal is to cut down direct emissions from sources we own or control and aim to reduce emissions, arising from purchased electricity, steam, heat, and cooling, by 8% annually. Continuing our commitment, we also plan to lower Scope 3 emissions, encompassing all other emissions linked to our activities, by 8% annually. Alongside these targets, we are dedicated to minimising waste in our operations.

To ensure transparency and accountability, we will regularly report and set clear targets for our CO2 emissions. Additionally, we are developing an operational waste reduction plan, which we will diligently monitor and manage.

Programme 1 - *Decarbonisation*

ACHIEVEMENTS:

- 01

PRODUCT FOCUS

Improving energy efficiency of the luminaires.

minimising the carbon footprint of the materials used in their production, including reducing gas consumption for product painting.
- 02

**PRODUCTION
PROCESS FOCUS**

Generating renewable energy (PV)

Optimising logistics and transportation
- 03

SUPLIER FOCUS

Embracing partnerships with suppliers for collective innovation in low-carbon solutions
- 04

**COMPANY
(AND CULTURE)
FOCUS**

Electrifying company cars

Improving energy efficiency of our offices by enhancing our air conditioning systems.

Reducing water and gas consumption by maximising rainwater usage and optimising heating.



Programme 2 - *Circular Economy Programme*



We want to move from a linear economy with waste streams and a higher demand for virgin materials to a business that strongly supports a fully circular economy by 2050. We're not afraid to rewrite the rules and elaborate new business models to support a dynamic and circular business.

Here is how we are turning vision into action: Our current focus on circularity is grounded in durability. We choose timeless designs and top-quality products that last long and are highly efficient in lighting. Moving forward, making products easy to disassemble, repair, and recycle, as well as ensuring parts can be replaced, will grow in importance. This will also introduce significant logistical challenges.

By ensuring easy access to sustainable alternatives and recycling options at the end of product lifecycles, we want to facilitate our end-consumers in making eco-conscious decisions

Programme 2 - *Circular Economy* *Programme*

ACHIEVEMENTS:

- 01

PRODUCT FOCUS

Implementation of circularity principles in the development of our products.

Reduce consumption of LED modules by providing easy to replace driver electronics.

Design sustainable flagship products during 2024.

Environmental Product Declaration (EPD) for the Entero product family, published on EPD-hub.
- 02

**PRODUCTION
PROCESS FOCUS**

Packaging Innovations: We’ve made significant strides in reducing our environmental footprint through packaging. This includes phasing out plastics, adopting single waste stream recycled carton for all our product families, repurposing waste carton as filling material in pallet boxes, and reducing shipping volumes by switching from tubes to triangular carton. We’ve also eliminated the use of plastic box sealing tape.

Less paper usage by replacing multilingual manuals with QR codes pointing to digitally available information

Target to have a 75% recycled content of used Aluminium. We want all our profiles to be made from 75% recycled aluminium which guarantees a long lifespan. We use a local supplier for a short transportation trajectory. In addition, the aluminium shavings left over in our production process are returned to our supplier for reuse.

Programme 2 - *Circular Economy* *Programme*

03 **PRODUCT FOCUS**

Waste Recycling Agreements: By collaborating with our plastic waste and aluminium waste supplier, we’ve established agreements to enhance our waste recycling efforts.

04 **COMPANY (AND CULTURE) FOCUS**

Green Light Alliance: Our participation in the Green Light Alliance has helped in determining the Life Cycle Assessment (LCA) benchmark for luminaires, an essential step in measuring and reducing our environmental impact.

One-click LCA Software: We utilise this advanced software for life cycle analysis, preparing our products for EPD submission and ensuring transparency in our environmental impact.

Declare Label: We are proud of our first project with the Declare label, showcasing our commitment to transparency and environmental stewardship.

Lighting for Good Awards recognises outstanding achievements in packaging design, awarding the title of Best Packaging Design to innovative and environmentally sustainable solutions in the industry.

FUTURE-PROOF SYSTEMS FOR THE LIFECYCLE JOURNEY

We are exploring new systems for installation, repair, and end-of-life management – think repair hubs and comprehensive lifecycle analyses. Every new product launched will have a systematic Life Cycle Assessment or LCA for short. Transparency is fundamental to our approach. We pledge to keep the market informed with official sustainability data and environmental product declarations (EPD) for our key product families.



Programme 3 - *Social Foundation Programme*



Detalight recognises big opportunities to do good in the world. As a family business that has been around for generations, we are all about growing the right way. We believe everyone who helps make our products deserves to get a fair shot at success. Our goal? To make sure everyone, no matter their age, feels empowered and validated.

Doing so, a sustainability culture can flourish where every person is encouraged to take responsibility for a better future for next generations. Only in this way can our quality products with high-quality comfort have a positive impact on society.

Programme 3 - *Social Foundation Programme*

ACHIEVEMENTS:

- 01

SUPPLIER FOCUS

Supplier Engagement: Through suppliers’ self-assessment and setting KPIs for our top 20 suppliers regarding the provision of requested information, specs, and EPDs, we ensure our supply chain aligns with our sustainability goals.
- 02

**COMPANY
(AND CULTURE)
FOCUS**

Sustainable Procurement Charter:
Our charter guides us in making responsible and environmentally conscious purchasing decisions.

We have established a comprehensive Social Foundation Policy, applicable to all our supply chain stakeholders.

Simultaneously, we are cultivating sustainable employer branding to reflect our core values. (New colleagues are initiated into sustainable business practices).

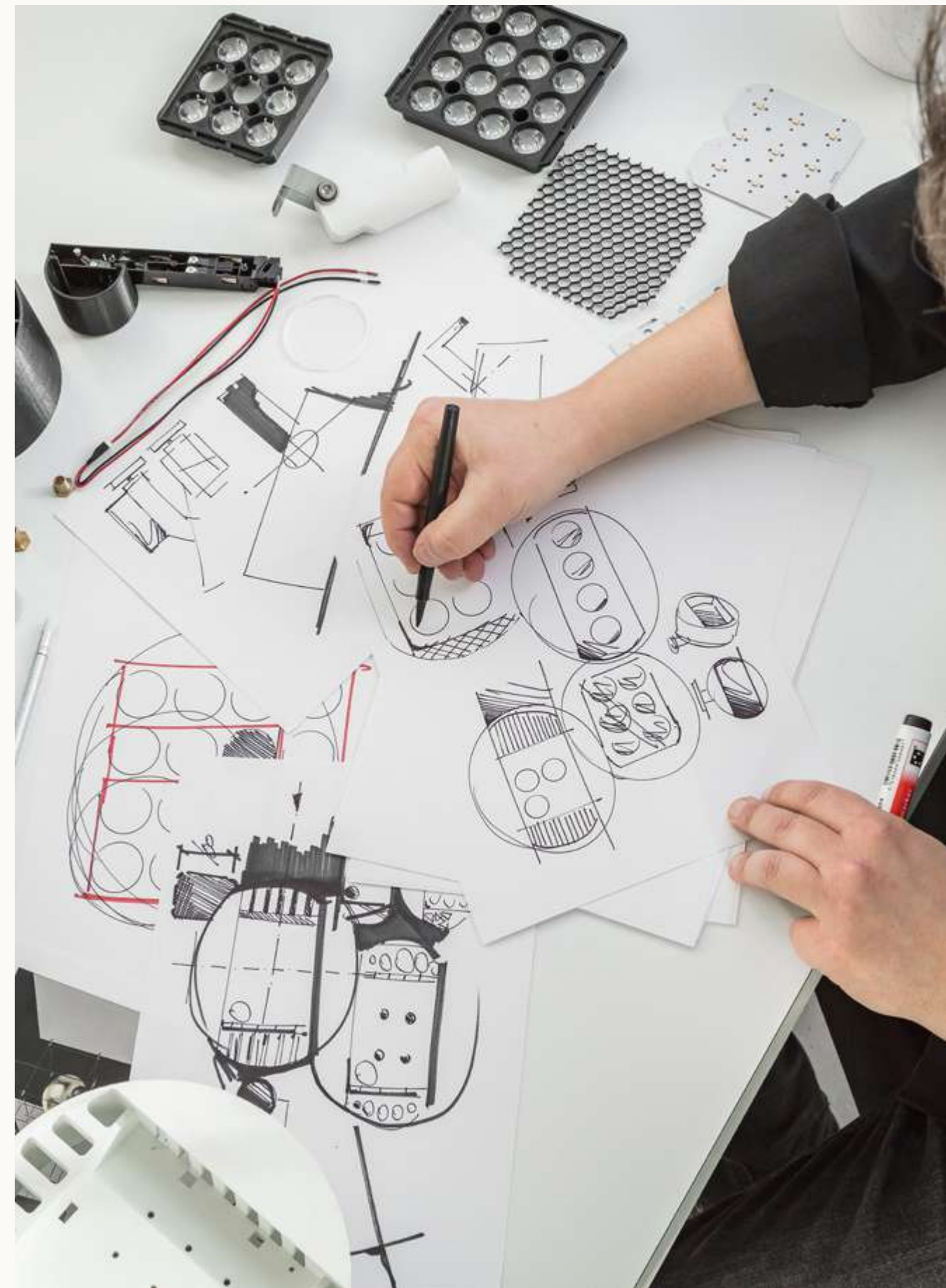
We’re implementing a low-carbon employee commuting plan, which we will continually monitor and improve, reinforcing our dedication to a more environmentally conscious approach.

Phasing out the use of plastics for soft drinks, disposable cups and drinks in PET bottles.

We develop sources of
light integrated within the
built enviroment



Programme 4 - *Sustainability Drivers Programmes*



The Sustainability Drivers Programme covers all actions that support a pro-active sustainability culture in the entire value chain. It supports the other programmes with control mechanisms to reduce the likelihood of any negative environmental or social impact. Guided by ethical business practices, appropriate taxation, and responsible procurement. Our financial assets, lobbying, and advocacy are strategically aligned to support and safeguard our journey towards a sustainable future.

Programme 4 - *Sustainability Drivers Programmes*

ACHIEVEMENTS:

01	COMPANY (AND CULTURE) FOCUS	Code of Conduct for ethical business
		A sustainable procurement policy
		A whistle-blower procedure
		A fair tax policy
		Transparant communication
		Preparing for sustainability reporting (EU CSRD)
		Our commitment to sustainability has been recognised with the EcoVadis Bronze award.



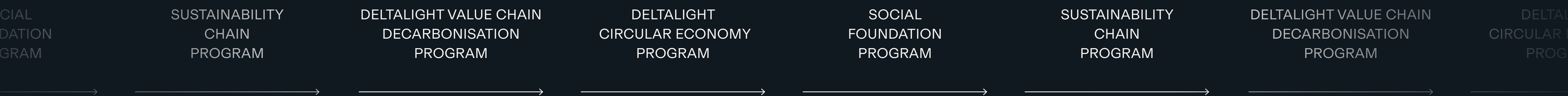
03

The 4 programmes influence & strengthen each other



These four cornerstone programmes collectively forge our comprehensive pathway to sustainability. The Circular Economy Programme, with its focus on full product lifecycle management, complements the Supply Chain Decarbonisation Programme's goal of emission reduction, creating a synergy that amplifies our environmental stewardship. The Social Foundation Programme not only ensures ethical practices within our value chain but also enhances our internal culture, which aligns perfectly with the Sustainability Drivers Programme, reinforcing our commitment to ethical standards and regulatory compliance.

INTEGRATING SUSTAINABILITY TARGETS INTO BUSINESS STRATEGY



The programs support each other

INTEGRATING SUSTAINABILITY TARGETS INTO BUSINESS STRATEGY

We work on sustainability with long-term goals in mind. Those long-term goals are stable. To achieve them, however, we must be flexible and pragmatic. We evaluate our progress every year and adjust where necessary, desirable, or possible.

INTEGRATING SUSTAINABILITY TARGETS INTO BUSINESS STRATEGY



04

High Profile: A Case in aesthetical, sustainable design



The collaboration between Delta Light and MVRDV in the High Profile collection showcases just that. This initiative transforms leftover aluminium profiles into stylish design fixtures, demonstrating a commitment to environmental sustainability through upcycling. The use of parametric design, allows for adaptable and ongoing creation, aligning with the fluctuating availability of materials. This approach not only reduces waste but also repurposes it into collectible items.



The collection's design, which facilitates disassembly for recycling, reflects a thoughtful consideration of environmental impact. Garnering the Dezeen Awards Lighting Design of 2022, the High Profile series stands as a testament to the potential of sustainable design in combining repurposed materials with aesthetic appeal.



THANK YOU.

Photo
Credits

Architect - Atrio Interiores

Slides 7, 15 & 27

Architect - ANARCHITECT
Photography - Luca Cioci

Slides 22, 31 & 32

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