

# Planet Passionate Report Summary 2025



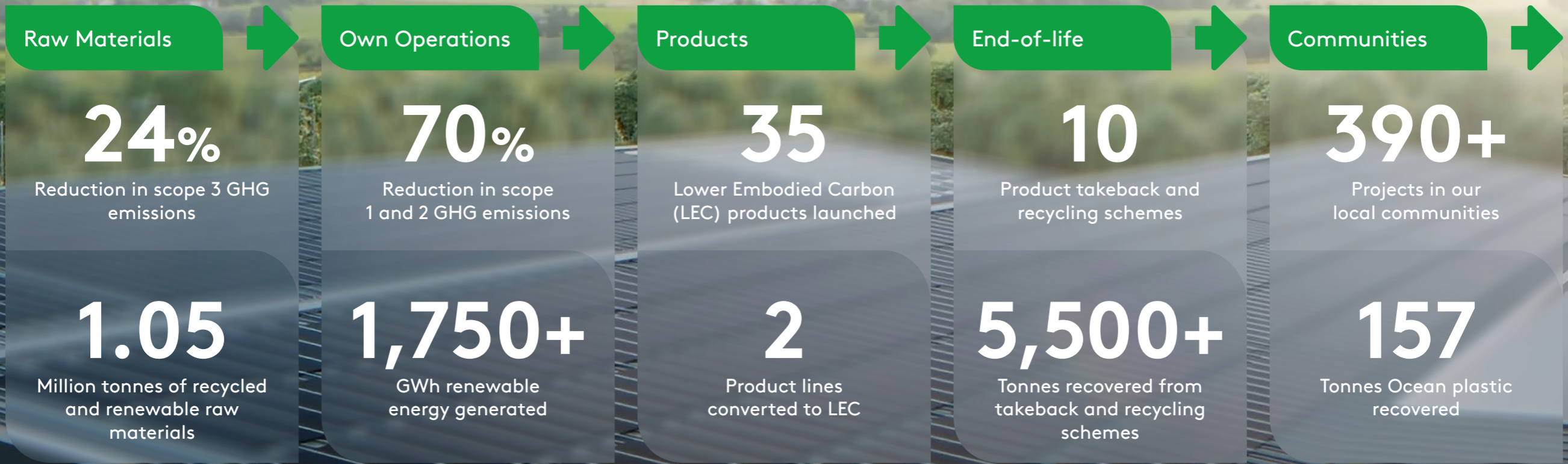
PLANET  
PASSIONATE



## Progress Across our Value Chain | 2020-2025

We are delighted to showcase the progress we have achieved, not just in 2025, but throughout our Planet Passionate journey. To every colleague who has contributed to our ongoing success – thank you for being the heart of our mission!

**600+**  
Planet Passionate projects since 2020



## About this Report

This publication serves as a summary of the progress we made on our Planet Passionate programme in 2025.

For more information on the programme as well as a more detailed look into our sustainability performance during the year, visit our Planet Passionate report 2025, which is available here:



## Additional Publications



**European Sustainability Reporting Standards (ESRS)**  
The sustainability information we disclosed in accordance with the ESRS is available in the relevant section of our 2025 Annual report.

## Our strategic pillars



## Our Solutions

Conserve energy and reduce carbon emissions

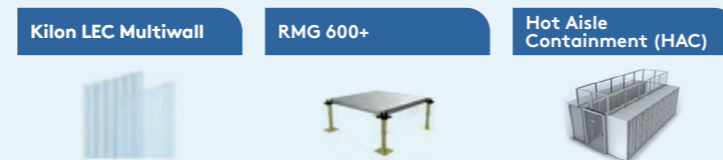
### Insulated Building Envelopes

Kingspan's Insulated Building Envelopes (previously Insulated Panels, Insulation and Roofing + Waterproofing) segment is a global leader in advanced energy saving solutions for roofs, walls and floors, delivering high-performance building solutions for energy efficiency in both new build and renovation applications across all building types.



### Advnsys

Advnsys (previously Data Solutions and Light, Air + Water) is a global leader in bespoke critical infrastructure solutions, primarily focused on data centres, ventilation and daylighting. It designs and manufactures high-performance systems that deliver energy-efficient lighting, airflow, cooling and ventilation for both new build and renovation projects in data centres and commercial buildings.



## Kingspan – At a Glance

Founded and headquartered in Kingscourt, Co. Cavan, Ireland, Kingspan is a global business operating in over 80 countries and with over 29,000 employees.

Our business model and strategic pillars enable the ongoing conversion to high-performance building envelopes from outdated and inefficient methods of construction.

Through our continuous development of innovative and proprietary technology, we have created a portfolio of products which create value across a number of key metrics. Critically, through the differentiated thermal performance of our innovative solutions, we help design teams, architects and ultimately our customers play their part in tackling climate change.

80+	€9.2bn
Countries	Revenue
2	€955.1m
Operating Segments	Trading Profit
278	40%
Manufacturing Sites	EU Taxonomy Revenue Aligned
29,000+	€79.6m
Employees	Investment in Innovation

# Planet Passionate | Where Strategy Meets Action

Planet Passionate is not just a set of environmental targets; it is a pillar of our strategy and is deeply embedded in the way we operate. See below how Planet Passionate has permeated every facet of our business.

## Finance

### Environmental performance embedded into remuneration



Planet Passionate is embedded in Kingspan's Performance Share Plan (PSP) framework. The measure is based on several Planet Passionate targets.

### €750m Green Private Placement



The Private Placement has embedded pricing mechanisms that reduce the cost of borrowing where Kingspan achieves Planet Passionate targets.

### 70 €/tCO<sub>2</sub>e Internal carbon price



Introduced in 2023, the charge on scope 1 and 2 energy related GHG emissions has helped to further incentivise the rapid deployment of decarbonisation projects.

## Management

### Quarterly meetings



Our Global Planet Passionate team meets on a quarterly basis to discuss progress and to facilitate peer-to-peer learning.

### Acquisition screening procedure



We screen acquisition prospects to make sure they align with our strategic goals. The screening process includes a set of Planet Passionate criteria.

### Supplier engagement & collaboration programme



We actively engage with our key raw material suppliers on climate change topics. Engagement focuses on data collection and product decarbonisation roadmaps.

## People

### 150+ Global team



More than 150 people across our operations help us champion the Planet Passionate ethos both internally and externally.

### Champions network & education programme



Our business Communication Champions help to disseminate Planet Passionate updates to everyone in the Group and our education programme helps to continually inform our colleagues on relevant topics.

### Planet Passionate Communities



Planet Passionate Communities is the philanthropic arm of the Planet Passionate programme. It is designed to support our local communities in implementing environmental and wellbeing projects.



## A message from our Chief Sustainability, Digital and Marketing Officer

"Planet Passionate is more than a programme; it is embedded at the heart of our people, our operations, and our products. It is an ambitious commitment to reducing the environmental impacts of our operations and upstream supply chain, while innovating and bringing new solutions to market at pace that help lower both the operational and embodied carbon of buildings.

The built environment accounts for 37% of global energy-related greenhouse gas emissions. It is therefore critical that we address emissions within our sector as quickly as possible. Yet progress is not happening fast enough to match the urgency of the challenge we face.

Planet Passionate is our commitment to turning ambition into action. We have made significant progress towards our 2030 targets, a testament to the dedication and hard work of our teams around the world. While we are proud of what has been achieved so far, we recognise that there is still much to do in the second half of the programme to accelerate impact, scale our solutions, and help drive lasting change in our industry."

**Bianca Wong**  
Chief Sustainability, Digital and Marketing Officer  
Kingspan Group

# Planet Passionate | How We Create Value



Our goal is to reduce the environmental impact of our products while maintaining their high-performance, to help our customers reduce both the operational and embodied carbon of their buildings.

## Raw Materials



Increasing the use of raw materials with reduced environmental impacts.

### Key Inputs



Metal



Chemicals



Mineral fibre



Timber

**1.05m tonnes**

Recycled and renewable raw materials in 2025

**97%** Of our biological raw materials are certified as sustainably sourced by PEFC or FSC.

## Manufacturing



Decarbonising our manufacturing facilities through energy efficiency and renewable energy generation and procurement.

**63%** Renewable energy use

**61%** of wholly owned sites have Solar PV

“Using less energy, and using it more efficiently, continues to underpin our decarbonisation strategy. This approach delivers reliable emissions reductions and reinforces our commitment to high-performance, low-carbon operations.”

**Mark Harris**  
Business Technical Director  
Insulated Panels EAA  
Planet Passionate Chairperson



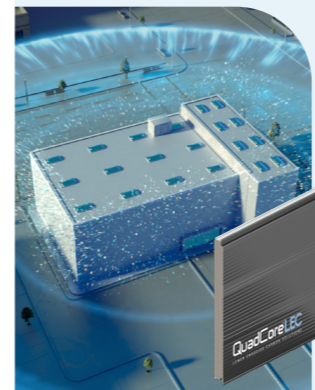
## Products



Development of products with improved environmental credentials, such as reduced embodied carbon and increased recycled content.

**35** LEC products

**10** Takeback and recycling schemes facilitated in 2025



**LEC Product Range**  
We have continued to roll out our LEC product range, including offerings across our insulated panels, structural, data solutions and daylighting products.

## Buildings



Our products can contribute to the development of high-performance buildings with reduced environmental impacts.

### Potential product impacts

**219m tCO<sub>2</sub>e**  
Estimated lifetime carbon savings from insulated systems sold in 2025

**7.6m tCO<sub>2</sub>e**  
Kingspan's 2025 value chain GHG emissions

**3.3bn lumens**  
Our daylighting systems sold in 2025 create 3.3 billion lumens of natural light annually

**>400K**  
Enough to light up over 400,000 homes<sup>1</sup>

**39.8bn litres**  
Over 39.8 billion litres of rainwater will be harvested by our tanks produced in 2025





**16,000**  
Enough water to fill nearly 16,000 Olympic swimming pools<sup>2</sup>

**1.05m tonnes**  
We used 1.05 million tonnes of recycled and renewable content in the raw materials used to manufacture our products in 2025

**2m**  
Comparable to the municipal waste produced by a city of c.2m people<sup>3</sup>

<sup>1</sup> Assumes 10 x 60W bulbs per home <sup>2</sup> Assumes a 20 year product life <sup>3</sup> Based on a c.0.5 tonnes per person pa, OECD average

# Planet Passionate | Target Progress 2025

	2030 Planet Passionate Targets	2025 Position	Progress Towards Target
<b>CARBON</b> 	65% reduction in scope 1 & 2 GHG emissions <sup>1,2</sup> from 2020 (%)	70%	100%
	15% reduction in carbon intensity from key raw materials from 2020 (%)	4%	27%
	≥90% zero emissions company cars <sup>3</sup> (annual replacement %)	97%	100%
<b>ENERGY</b> 	60% renewable energy consumption (%)	63%	100%
	ISO 50001 certification for large sites <sup>4</sup> (%)	50%	50%
	Solar PV systems on all wholly owned sites (%)	61%	61%
<b>CIRCULARITY</b> 	Zero waste to landfill <sup>5</sup> (%)	-6%	
	1.5 million tonnes recycled and renewable raw materials used annually (tonnes)	1.05 MT	70%
	Facilitate 20 product takeback and recycling schemes (no. of schemes)	10	50%
<b>WATER</b> 	Harvest 100 million litres of rainwater annually (million litres)	57.3 ML	57.3%

<sup>1</sup> Excluding biogenic emissions. Scope 2 GHG emissions calculated using market-based methodology.

<sup>2</sup> GHG emissions were recalculated due to acquisitions that occurred in 2021 through to 30th September 2025.

<sup>3</sup> Kingspan defines a 'zero emissions car' as a vehicle with zero tailpipe emissions. The boundary does not include the energy used to power the vehicle or the embodied emissions from manufacturing.

<sup>4</sup> Large sites: Sites with ≥5GWh annual energy use during the prior year 2024.

<sup>5</sup> 90% reduction of waste to landfill in Kingspan manufacturing, R&D and assembly facilities from 2020 base year.

# CARBON & ENERGY

**400+**  
Projects since 2020

**620k+ tCO<sub>2</sub>e**  
Reduction in scope 1 and 2 GHG emissions since 2020

**63%**  
Renewable energy use in 2025



We take our role seriously in the fight against climate change and the greatest impact we can have is to help enable the decarbonisation of both new and existing buildings around the world.

Climate change risks and opportunities are deeply embedded in our strategy, R&D investment, products and business model. Kingspan's core strategy is structured around the manufacture and delivery of a wide range of high-performance and energy and resource-efficient solutions.

## Our targets

**1.5°C**

Kingspan's 1.5°C aligned decarbonisation strategy outlines our approach to climate change mitigation and is supported by our GHG carbon reduction targets.

**Kingspan Group plc commits to reduce absolute scope 1 and 2 GHG emissions 65% by 2030 from a 2020 base year.\***

**15% reduction in carbon intensity from key raw materials by 2030 from a 2020 base year.**

**Kingspan Group plc commits to reduce absolute scope 3 GHG emissions from purchased goods and services, fuel and energy related activities, use of sold products and end-of-life treatment of sold products 42% from a 2020 base year.\***

**Kingspan Group plc commits to reach net-zero greenhouse gas emissions across its value chain by 2050.**



## Our Decarbonisation Levers

We aim to continue reducing our scope 1 and 2 GHG emissions by further implementing projects and initiatives under the following decarbonisation levers.

<b>Energy Efficiency</b> <b>52 Projects</b> In 2025, we completed over 52 energy efficiency projects across our Group.	<b>On-site Renewable Energy Generation</b> <b>61 % sites with solar PV</b> We have solar PV installed on 61% of our wholly owned sites.	<b>Process Improvement and Electrification</b> <b>15 lines on renewable electricity</b> 15 of our insulated panel lines are now operating on renewable electricity.
<b>Renewable Energy Contracts</b> Conversion of purchased non-renewable energy to renewable alternatives.	<b>Lower GWP Raw Materials</b> Eliminate the remaining minor use of high GWP blowing agents that are used in a small number of our sites.	

The majority of our GHG emissions is related to our purchased goods and services. To advance our decarbonisation efforts, we are focusing on reducing these emissions by implementing targeted initiatives under the key levers below.

<b>Data Collection and Reporting</b> <b>79%</b> Category 1 scope 3 GHG emissions calculated using physical emissions factors	<b>Supplier Engagement and Collaboration</b> <b>63%</b> Of emissions related to our raw materials covered by our supplier engagement programme	<b>Development of Lower Environmental Impact Products</b> <b>35</b> Lower Embodied Carbon (LEC) products launched to date
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\*The target boundary includes land-related emissions and removals from bioenergy feedstocks.

# Carbon & Energy | Project Highlights

**ISO 50001 Certification**  
 Rokietnica (Poznań), Poland  
 Light, Air + Water

Energy Efficiency



**Solar PV Extensions**  
 Insulated Panels, CEME & Joris Ide


On-site Renewable Energy Generation

**412 kWp**  
 Additional capacity

**1,115 kWp**  
 Additional capacity

LIPSKO, POLAND

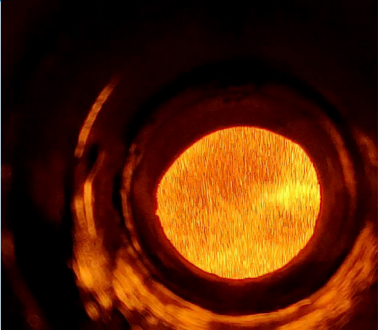
ISOMETALL, BELGIUM



**RIFT – Iron Fuel Technology™**  
 Kingspan Unidek

Process Improvement and Electrification

Kingspan Unidek has partnered with Dutch clean-tech developer RIFT to pioneer the world's first commercial use of Iron Fuel Technology™, marking a major milestone toward gas-free production. Through this collaboration, RIFT will supply both an Iron Fuel boiler and the Iron Fuel itself; an innovative, circular energy source that uses iron powder to generate high-temperature heat without direct CO<sub>2</sub> emissions. The first Iron Fuel boiler is expected to be operational by 2028, starting at Kingspan Unidek's Gemert site.



**Insulated Panel Line Electrification**  
 Insulated Panel Businesses

Process Improvement and Electrification

**15**  
 Laminators electrified to date


ISOMETALL, BELGIUM



**Solar PV Installation**  
 East Stroudsburg, United States AWIP

On-site Renewable Energy Generation

**795 kWp**  
 Generation capacity



**Hydro Powered Turbine and Bio LPG Conversion**  
 Askeaton, Ireland Insulation

On-site Renewable Energy Generation

Renewable Energy Contracts

**Hydro Powered Turbine**  
 The modernisation introduced advanced flow management and design improvements to protect aquatic life, enabling the facility to generate up to 0.22 GWh annually while minimising ecological impact.

**Bio LPG Conversion**  
 In May 2025, the site switched from LPG to BioLPG, a drop-in alternative requiring no infrastructure changes. This transition cut LPG-related carbon emissions by 1,884 tCO<sub>2</sub>e annually.

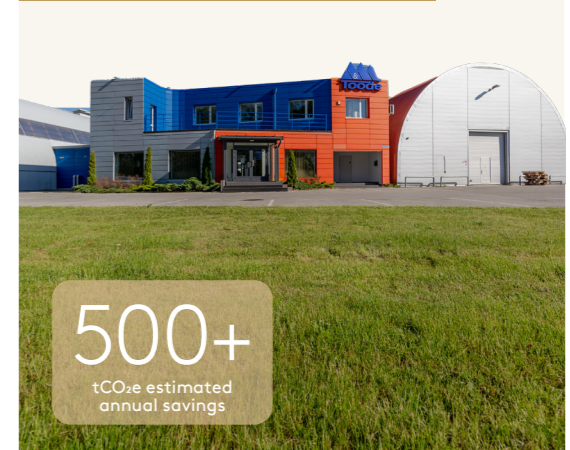
**0.22 GWh**  
 Generated in 2025



**Renewable Electricity Contracts**  
 Joris Ide

Renewable Energy Contracts

**500+**  
 tCO<sub>2</sub>e estimated annual savings



# CIRCULARITY

106  
Circularity projects to date

10  
Product takeback and recycling schemes facilitated

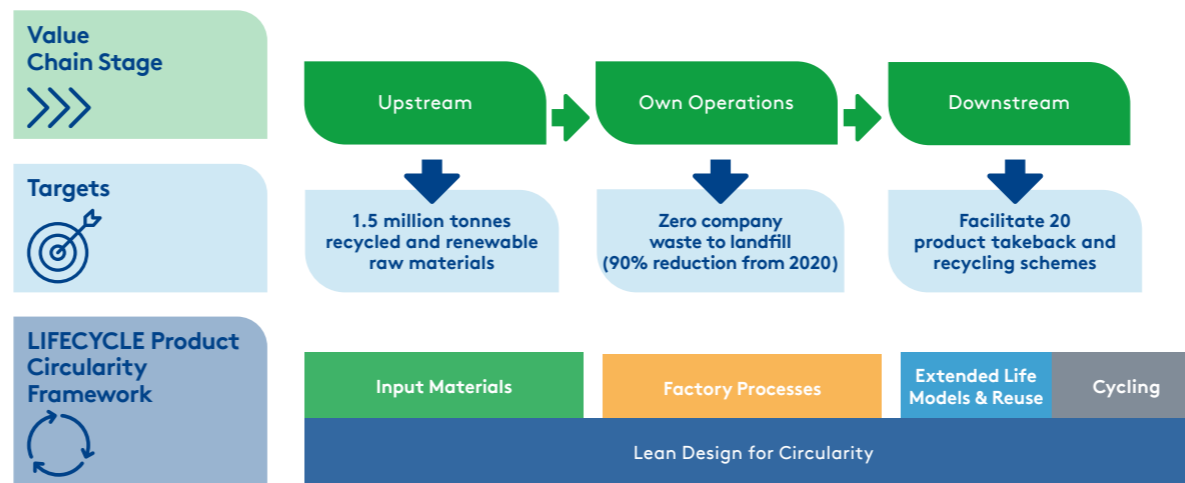
1.05 m  
Tonnes of recycled and renewable materials in 2025



At Kingspan, we acknowledge the importance of transitioning to a circular economy as we move forward in our Programme with the objective of integrating circular economy principles into our business model to help us decouple economic growth from resource use.

We recognise circularity is an essential pillar to lowering embodied carbon, decreasing costs, and creating more resilience in supply chains which is why we employ our LIFEcycle product framework to help integrate circularity principles across each stage of our product lifecycle.

## Our Circularity Strategy | Targets

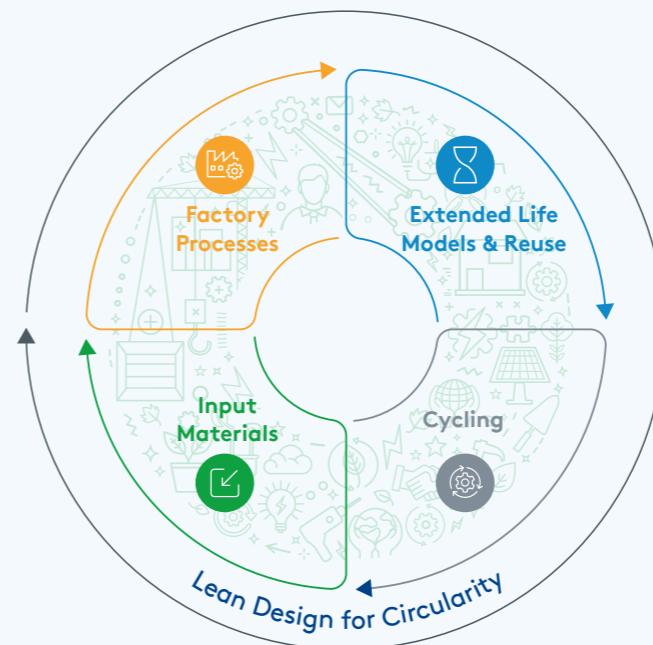


## LIFECycle Product Circularity Framework

### Our Approach

As a global manufacturing business, enhancing the circularity of our products is a key focus. Our approach is underpinned by our LIFEcycle Product Circularity Framework, launched in 2020. The overarching aim of this framework is to ensure circularity principles are considered during the development of new products, under the "Lean Design for Circularity" umbrella.

By incorporating circular design principles upfront, we can focus on reducing the consumption of resources, selecting suitable materials for the optimisation of product lifecycle and designing for the elimination of waste under four core themes.



## RECOVER

Kingspan RECOVER is a Group-wide circularity initiative designed to support Kingspan's strategic approach to resource efficiency and circular economy principles. The initiative focuses on the recovery of Kingspan products and materials at all stages of their lifecycle, enabling value to be retained and recirculated within the economy through recycling and extended life solutions.



### Partnership Highlight

In 2025, Kingspan joined the Material Impact Fund Innovation Pathway. Through long-term contracts with property and infrastructure owners on their portfolios, the Material Impact Fund is a gateway that aims to secure future access to predictable volumes of high quality secondary raw materials and a return system for building parts.

# Circularity | Project Highlights

### Reuse Panel

London, United Kingdom  
Data Solutions



Extended Life Models & Reuse  
Cycling

Kingspan Data Solutions has launched their raised access floor reuse programme. Tate UK offer a takeback scheme and refurbished raised access floors, for use in commercial offices, that not only minimises waste to landfill but demonstrates our commitment to reducing embodied carbon in buildings.

Developed in close collaboration with the UK's leading architects and developers, we are championing the circular economy where construction materials are reimagined and reused, extending their life cycle.




**30,000 m<sup>2</sup>**  
recovered in 2025

### Derbigum Novitumen®

Perwez, Belgium  
Roofing + Waterproofing



Input Materials



After three decades of research and development, Derbigum has launched its first product made without any virgin bitumen, the Derbicoat Novi P. Using recycled Novitumen technology, it represents a fundamental breakthrough in waterproofing membrane production while maintaining performance.

### Warmotech Partnership – Insulation Waste Recycling

Winterswijk, the Netherlands  
Insulation



Factory Processes



Landfill diversion potential:  
**400 t**  
annually

### Next Circle Takeback Scheme

The Netherlands  
Joris Ide



Extended Life Models & Reuse  
Cycling



Next Circle, Joris Ide's takeback scheme and recycling program, was launched in September 2025.

With the takeback guarantee, used insulated panels will be collected and reused or recycled so that they are given a new future while valuable raw materials remain in circulation and do not end up in landfill.

### Insulation Waste Repurposing

Cartagena, Colombia  
Insulated Panels LATAM



Cycling



Repurposing capacity:  
**280,000**  
blocks annually

### Mineral Fibre Dust Recycling

Isometall, Belgium  
Joris Ide



Factory Processes




**930 t**  
Diverted from landfill in 2025

### Wood Fibre Insulation

Czarnkow, Poland  
STEICO



Input Materials



Our raw materials come from Polish State Forests which have been responsibly managed for over a hundred years to ensure the continuity of the trees from which we manufacture wood fibre products.

What is removed during production is treated and reused within the process. The plant includes advanced technologies for filtering exhaust gas, cleaning waste water and rainwater harvesting.

### Landfill Diversion

Saint Mary's, Australia  
Insulated Panels, EAA



Factory Processes



**200 t**  
Recycled in 2025

# WATER



**157** tonnes  
Ocean plastic recovered

**59**  
Rainwater harvesting systems

**68** ML  
Estimated annual harvesting potential

Access to water is a fundamental human right and crucial for sustainable development.

Climate change, urbanisation, and population growth are intensifying water stress and contamination. Recognising the urgency of water scarcity and misuse, we, as a global manufacturer, are committed to minimising our impact on the world's water resources and ecosystems, ensuring a sustainable and equitable future for all.

## Our target

Through our Planet Passionate programme, we have set an ambitious target to harvest 100 million litres (ML) of rainwater annually by 2030.

### OUR TARGET

Harvest 100 million litres of rainwater annually by 2030



We have harvested over  
**245**  
million litres of rainwater since 2020

## Rainwater Harvesting

Unidek Gemert, the Netherlands  
Insulation



**17.5** ML  
Estimated annual harvesting potential

## Ocean Clean-up Projects

We are also embedding water conservation across our manufacturing processes, product portfolio, and community partnerships. Recognising the scale of the challenge, we partner with like-minded organisations to address issues such as the ocean plastic crisis, ensuring that our business growth aligns with the global imperative to protect water resources and secure equitable access for current and future generations.

### Ocean Clean-up Projects supported since 2020:

  <b>2020</b> ECOALF 3-Year Partnership	  <b>2021</b> Seabin™ 3-Year Partnership	  <b>2022</b> Clearbot 3-Year Partnership	  <b>2023</b> 4ocean 3-Year Partnership	  <b>2024</b> rePurpose Global 3-year Partnership	  <b>2025</b> Seven Clean Seas 3-Year Partnership
	<b>11</b> tonnes of marine litter collected	<b>37</b> tonnes of waste collected	<b>52</b> tonnes of ocean-bound plastic removed to date	<b>57,300</b> kg of plastic removed to date	

NEW partnership in 2025

# PRODUCT PASSIONATE

We want our products to make a difference; that's why we are tirelessly working on enhancing the environmental performance of our products, thus supporting our customers to decarbonise both new and existing buildings.

Our solutions make a significant positive impact on the resource efficiency of buildings.

## Potential product impacts

**Carbon**  
**219m** tCO<sub>2</sub>e  
 Estimated lifetime carbon savings from insulated systems sold in 2025

**7.6m** tCO<sub>2</sub>e  
 Kingspan's 2025 value chain carbon footprint

**Natural Light**  
**3.3bn** lumens  
 Our daylighting systems sold in 2025 create 3.3 billion lumens of natural light annually

**>400k**  
 Enough to light up over 400 thousand homes<sup>1</sup>

**Water Conservation**  
**39.8bn** litres  
 Over 39.8 billion litres of rainwater will be harvested by our tanks produced in 2025<sup>2</sup>

**16,000**  
 Enough water to fill nearly 16,000 Olympic swimming pools

**Recycled and Renewable Materials**  
**1.05m** tonnes  
 We used 1.05 million tonnes of recycled and renewable content in the raw materials used to manufacture our products in 2025

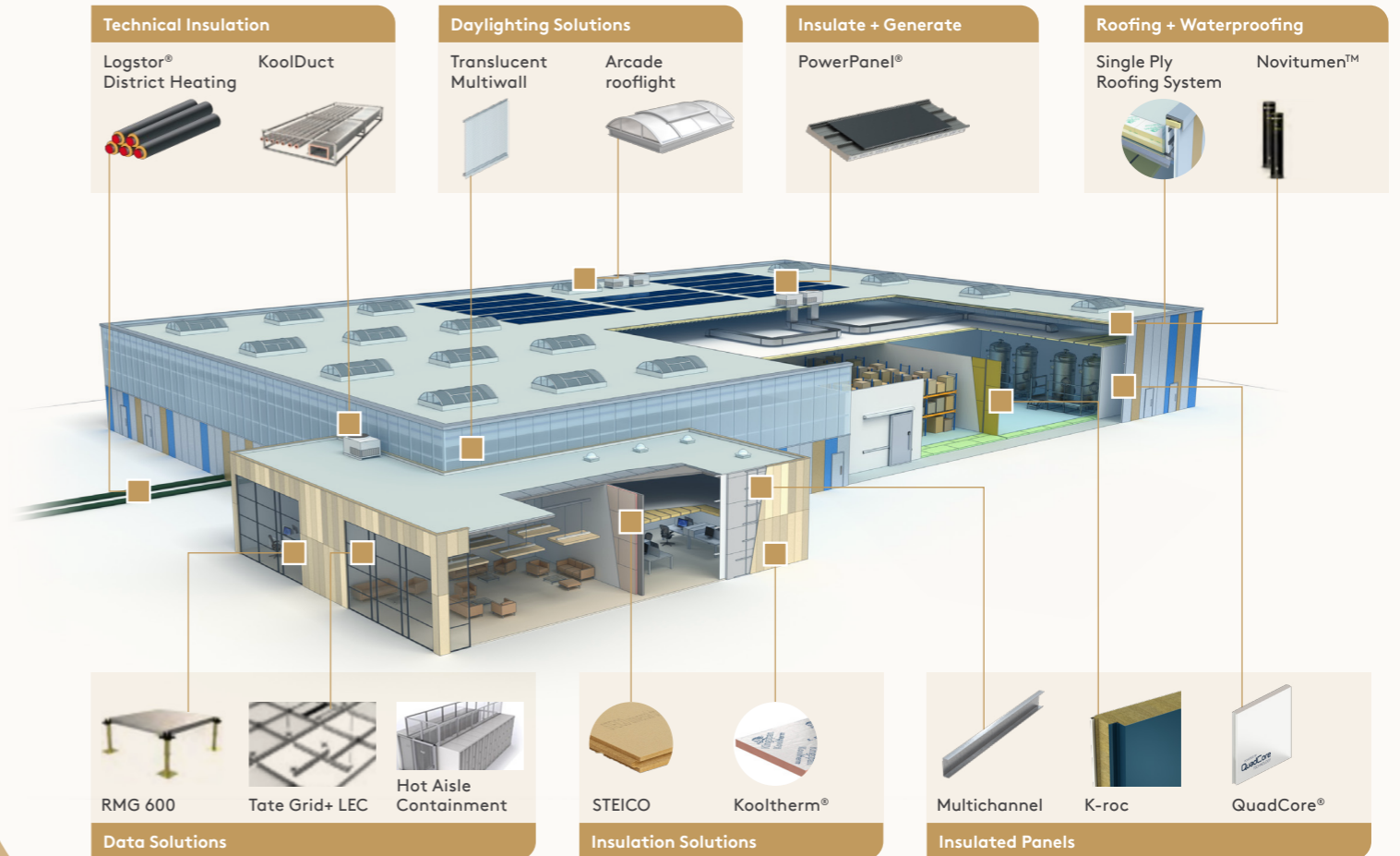
**2m**  
 Comparable to the municipal waste from a city of c.2 million people<sup>3</sup>

## Completing the Envelope

Our strategy of Completing the Envelope aims to take our innovation and sustainability DNA and apply them to a wider portfolio of products which are complementary to our current offering.

Our systems and solutions driven approach deepens our relationships with customers and extends the opportunities to make buildings better now and into the future.

We offer customers a wide range of high-performance building envelope solutions which deliver energy efficient buildings and can also generate renewable energy.



<sup>1</sup> Assumes 10 x 60W bulbs per home <sup>2</sup> Assumes a 20 year product life <sup>3</sup> Based on c.05 tonnes per person pa, OECD average

# Product Passionate | LEC (Lower Embodied Carbon) Solutions

Beyond our existing product portfolio, we have developed a suite of LEC (Lower Embodied Carbon) products. These solutions deliver reduced embodied carbon across their lifecycle when compared with their equivalent, standard Kingspan products, while maintaining the high levels of performance expected from our range.



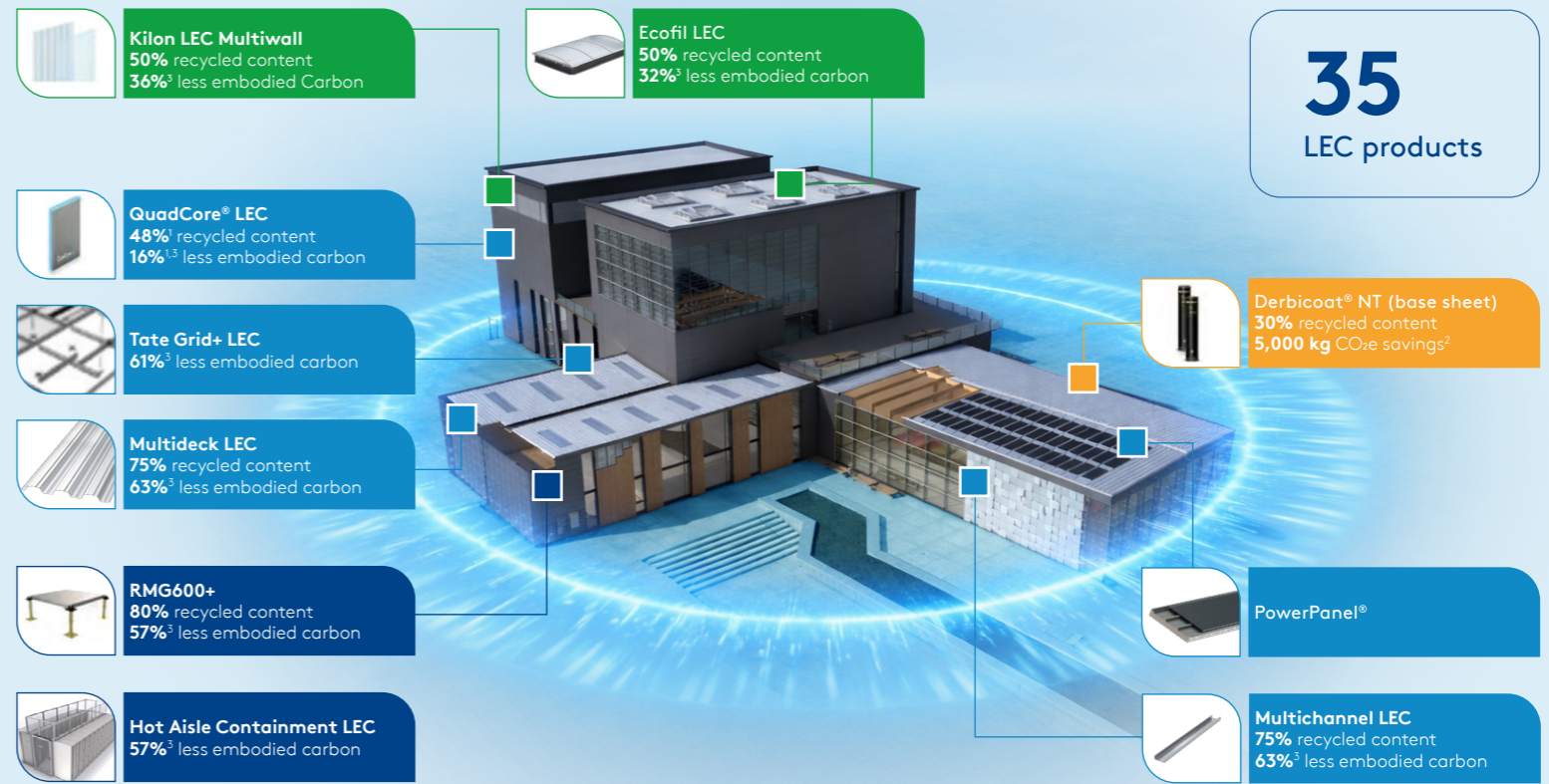
Our goal is to reduce the environmental impact of our products while maintaining their high performance, to help our customers reduce both the operational and embodied carbon of their buildings.

Our R&D, procurement and sustainability teams worked in partnership to take significant steps in the development of LEC alternatives across our portfolios. In 2025, we brought 18 LEC products to market including: Topdek LEC, Evolution LEC, Ecofil premium LEC and Hot Aisle Containment LEC. This brings our LEC portfolio to a total of 35 products across our insulated panel, daylighting, data solutions and structural product sets. This was made possible through continuous innovation, supplier engagement and decarbonisation projects within our operations.

As over 70% of our emissions are related to our key raw materials, working with our supply chain is critical. Through our ongoing supplier engagement programme, we aim to source raw materials with lower embodied carbon and higher recycled content. We collaborate closely with our supply chain partners to support the development of such materials and to encourage innovation across all stages of the value chain. By working together to bring new, more sustainable products to market, we aim to support our customers in achieving their sustainability objectives and contribute to accelerating the transition toward a net zero emissions built environment.

**18**  
New LEC products in 2025

## The LEC (Lower Embodied Carbon) Envelope



**35**  
LEC products

<sup>1</sup> 100mm panel  
<sup>2</sup> 5,000m<sup>2</sup> roof  
<sup>3</sup> Across lifecycle modules A-C

# Product Highlights | Lower Embodied Carbon | Insulated Building Envelopes

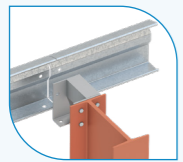
## Insulated panels

After the successful launch of QuadCore LEC with our Architectural Wall Panel (AWP) as our first LEC product in 2023, we have expanded the range of LEC insulated panels to include 9 more products such as QuadCore KS1000RW LEC Roof Panel, QuadCore Evolution LEC and AST LEC. LEC insulated panel products are now on offer in multiple regions across Europe, with their introduction in Poland, Finland and the Czechia in 2025. With this further expansion, these products are now beginning to contribute meaningfully to our market share.

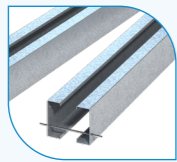
## Structural Steel

Our range of LEC structural steel products has rapidly expanded and continuous development is underway with 5 products across the multichannel multibeam and eaves beam ranges.

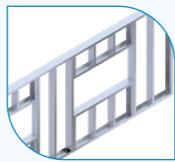
2025 also saw the first LEC multideck product brought to market. This introduction expands the potential market penetration of the LEC range through its applications in multi-storey commercial and residential buildings and multi-level car park projects.



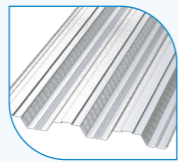
Eaves Beam LEC



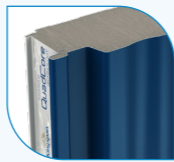
KS Sigma Profile LEC Mezzanine Floor



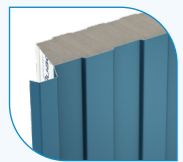
Kingframe LEC steel frame system



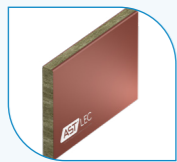
Multideck LEC 60



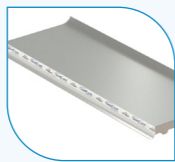
QuadCore AWP



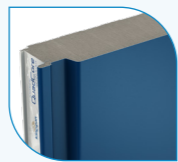
QuadCore KS1000RW LEC Roof Panel



AST L LEC



QuadCore Topdek LEC



QuadCore Evolution LEC

22  
Insulated building envelope LEC products

## Case Study

Holborn Viaduct  
London, UK

The Holborn Viaduct redevelopment in London is designed as a highly sustainable workplace, targeting BREEAM Outstanding and WELL Platinum certification. Its design incorporates passive measures to reduce energy use, increased natural ventilation and daylight, biodiverse green terraces, and the reuse of existing Portland stone to minimise embodied carbon.

To support these ambitious environmental targets, the project incorporates Kingspan Multideck LEC 60, a LEC structural flooring solution. By reducing upfront embodied carbon impacts, Multideck LEC 60 contributes directly to the project's whole life carbon strategy and aligns with its goal of creating a more sustainable, adaptable, and future-ready commercial building.



## Insulate + Generate | PowerPanel

### The One-Day PowerPanel Installation

PowerPanel is an insulated roof panel which combines QuadCore insulation technology, lower embodied carbon steel and photovoltaic (PV) technology to deliver renewable energy.

Developed through collaboration across almost every department within our business, the first PowerPanel installation in the UK was completed in 2025.

With its slimline design, the system enables faster, safer builds (fully installed in just one day using a tower crane and Cladboy vacuum lifter) supported by our Kingspan Easy Deck. With a 25-year insurance-backed system warranty, it's made to perform and built to last.

PowerPanel epitomises the insulate + Generate concept perfectly by combining high performance QuadCore thermal efficiency and leading photovoltaic technology – creating a single solution to help future proof building projects.



## Bio-based products | Insulated Building Envelopes

### STEICO Wood Fibre Insulation

**STEICO's wide range of wood fibre insulation products strengthens Kingspan's bio-based offering and supports the Group's ambition to provide a full spectrum of insulation solutions.**

Starting from niche products to now becoming the leader in wood fibre production, STEICO has a fantastic range of multi-functional wood fibre insulation.

Made from softwood, its permeability to water vapour helps prevent moisture buildup which protects from structural damage, prevents overheating in summer while retaining warmth in winter.

STEICO is always working together with their R&D department to make their products better and easier to use for their customers.



### STEICO product range



STEICO Wood fibre Insulation



STEICO Laminated Veneer Lumber



STEICO I-joists

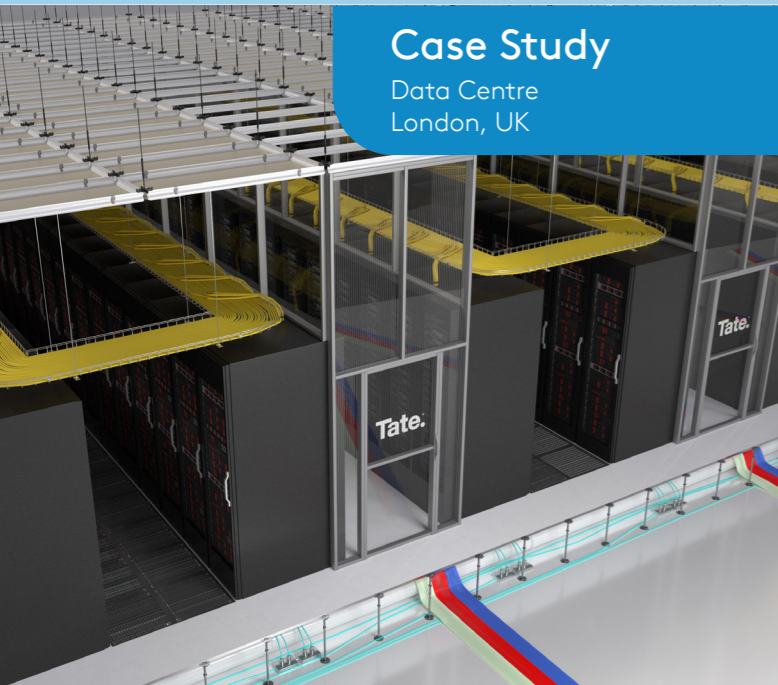
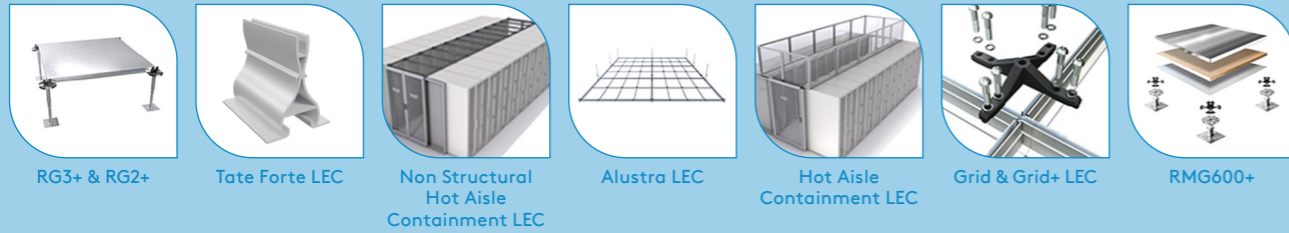


STEICO Blow-In Insulation

## Lower Embodied Carbon | Advnsys Tate Data Centre Containment Solutions

We have witnessed a growing global demand for products that support our customers to decarbonise their buildings, delivering tangible environmental benefits at a building level. At Tate, we have risen to this challenge to ensure we are synonymous with lower embodied carbon solutions and are therefore seen by our data centre and commercial office customers as being at the forefront of this transition.

### Tate LEC products



### Case Study

Data Centre  
London, UK

This initiative sets a new benchmark for sustainable construction in the data centre sector and reinforces our customers' mission to be great to the world and communities around us.

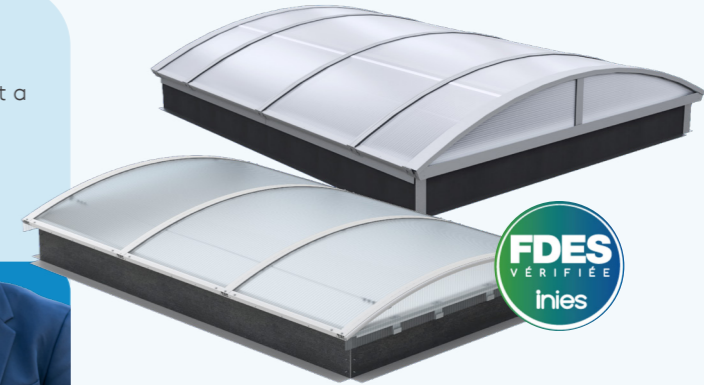
A key Tate colocation customer is making significant strides in sustainable construction at its London data centre, where our Tate Grid LEC ceiling system helped save 347 tCO<sub>2</sub> compared to traditional designs.

The design uses fewer materials and is produced in our Dublin factory where the raw material is sourced from a supplier that uses hydropower, resulting in a 59% reduction in embodied carbon.

## Introduction of ECOFIL LEC / ECOFIL PREMIUM LEC

"Ecofil LEC and Ecofil Premium LEC are made from 50% recycled materials and have verified carbon reductions. They set a new benchmark for our lower embodied carbon rooflights in France and support RE 2020 compliance."

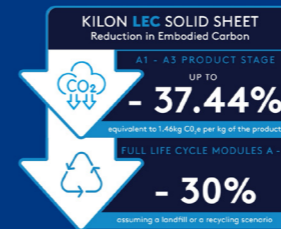
Frédéric Jullien  
Managing Director



## Expanding Our KILON LEC Polycarbonate Range with KILON LEC Solid Sheet

### KILON LEC Solid Sheet

Available in 3mm, Clear and Opal.



"Our KILON LEC range delivers independently verified reductions in embodied carbon, compared with standard KILON products, across an expanding portfolio of polycarbonate solutions."

Aristides Ioannou  
R&D and Innovation Manager



# PLANET PASSIONATE COMMUNITIES

We support local communities in implementing projects related to environmental protection and improving quality of life.

Since 2021, Planet Passionate Communities, the philanthropic arm of our Planet Passionate programme, has been operating efficiently. This initiative provides people and communities around the world with the support they need to implement such projects, ultimately enriching community life.

At the heart of the programme is the ambition to create a positive legacy and a better world, and it is already having a real impact at local and global levels.

**390+**  
Projects completed to date

## Global partnerships & initiatives

### Big Life Foundation

We are proud to announce that, as part of our Planet Passionate programme, we have joined forces with Big Life Foundation - a leading conservation organisation working to protect over 1.6 million acres of wilderness in the Greater Amboseli ecosystem of East Africa. This partnership reflects our commitment to supporting initiatives that create lasting positive impact for both people and the environment.

Big Life Foundation operates at the forefront of wildlife conservation, partnering closely with local Maasai communities to safeguard East Africa's iconic species and habitats. Their work includes protecting one of the world's most iconic elephant and lion populations, mitigating human-

wildlife conflict, and preserving critical migration corridors. Through innovative strategies and community engagement, Big Life has dramatically reduced poaching and continues to provide employment, education, and essential services to local communities.

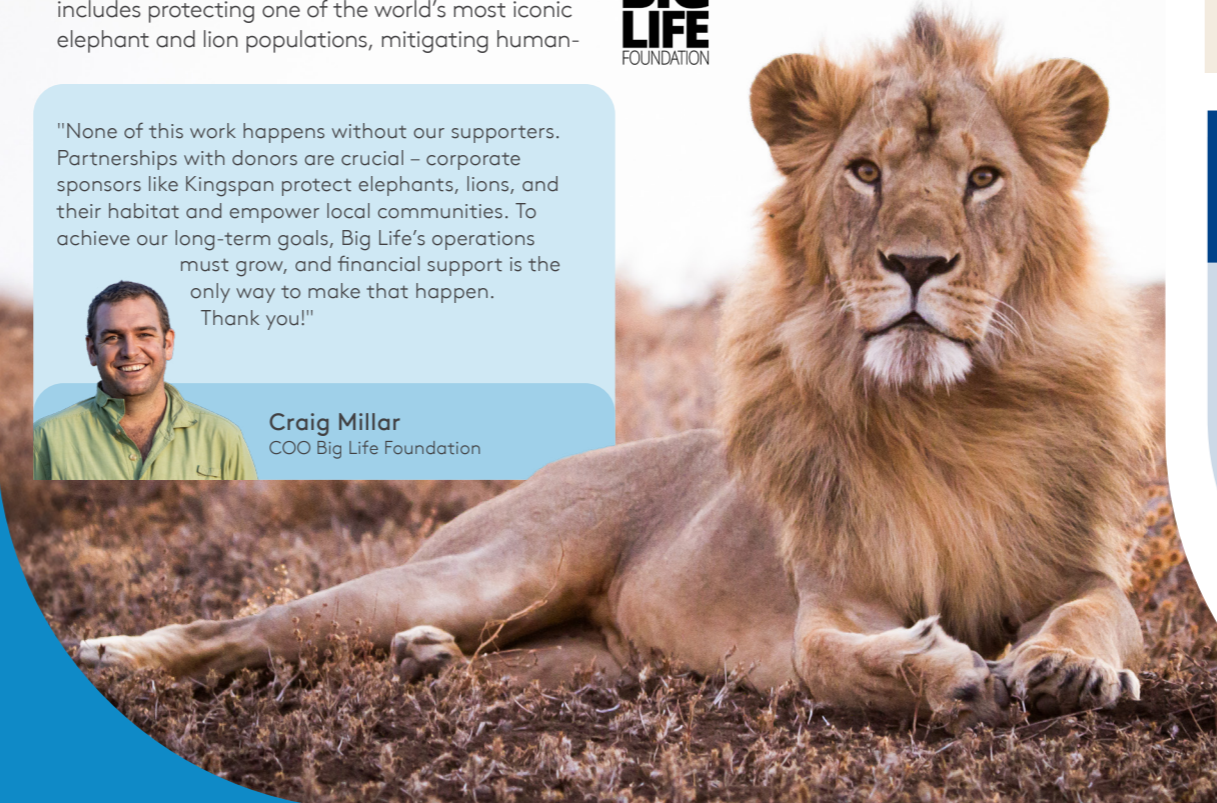
Through this multi-year partnership, Kingspan will sponsor Big Life's Nairrabala Ranger Unit, safeguarding the 37,500-acre Nairrabala Conservancy in Kenya, a vital wildlife corridor linking Amboseli National Park to the wider Amboseli-Tsavo-Kilimanjaro ecosystem.



"None of this work happens without our supporters. Partnerships with donors are crucial - corporate sponsors like Kingspan protect elephants, lions, and their habitat and empower local communities. To achieve our long-term goals, Big Life's operations must grow, and financial support is the only way to make that happen. Thank you!"



**Craig Millar**  
COO Big Life Foundation



GOAL

Together with GOAL, Kingspan has completed the Sayri Molina hospital recovery wing, a 400 m<sup>2</sup> facility that will expand critical care for up to 70,000 patients. This new wing carries the name of Sayri Molina, a beloved GOAL programme officer who dedicated her life to helping others and sadly passed away during the pandemic. Through our Planet Passionate Communities initiative, Kingspan supported in funding material and specialists worked side by side with local builders to ensure the highest standards of care.

### KingSpin Annual charity initiative

48 cyclists, comprising Kingspan employees, their families and friends, set off on a four-day, 400 km challenge across Croatia, Slovenia and Italy to raise vital funds for ARC Cancer Support Centres. We are very proud to have raised an impressive €378,374!



# Local communities | project highlights

## Schools & Classrooms Building

Senegal  
Teczone - Kingspan Insulated Panels EAA



## 'Just a Drop' Organisation Support

Kenya  
Kingspan Light, Air + Water



## Roof Renovation at Stepney City Farm

London, United Kingdom  
Onduline, Roofing + Waterproofing



## River Clean-Up and Tree Planting

Cambui, Brazil  
Kingspan Isoeste



## Kingscourt Tidy Towns Partnership

Kingscourt, Ireland  
Kingspan Group



## Activities for the Families

Bristol, Connecticut, United States  
Morin



## Garraf Beach Clean-Up

Barcelona, Spain  
Synthesia Technology



285 kg  
Of waste collected