GREEN CORE WITH SAP SOLUTIONS

Providing visibility and control to
help deliver your sustainable future

Capgemini

CO-CREATING SUSTAINABILITY, TOGETHER

The importance of sustainability goes beyond the imperative and obvious benefits to our planet. In business terms, Today, sustainability is fast becoming source of competitive advantage and long term growth.

That is why we are committed to helping our clients drive down their emissions and save 10 million carbon tonnes by 2030 – as well as making the Capgemini Group carbon neutral by 2025 and Net Zero by 2030.

Green Core with SAP Solutions, built on SAP technologies and enhanced with Capgemini expertise, are a perfect example of our sustainable vision brought to life.

By combining our deep industry knowledge and innovative tech ingenuity, we are delivering on our promise to co-create a greener tomorrow with our clients, so we can realize our sustainability vision together.
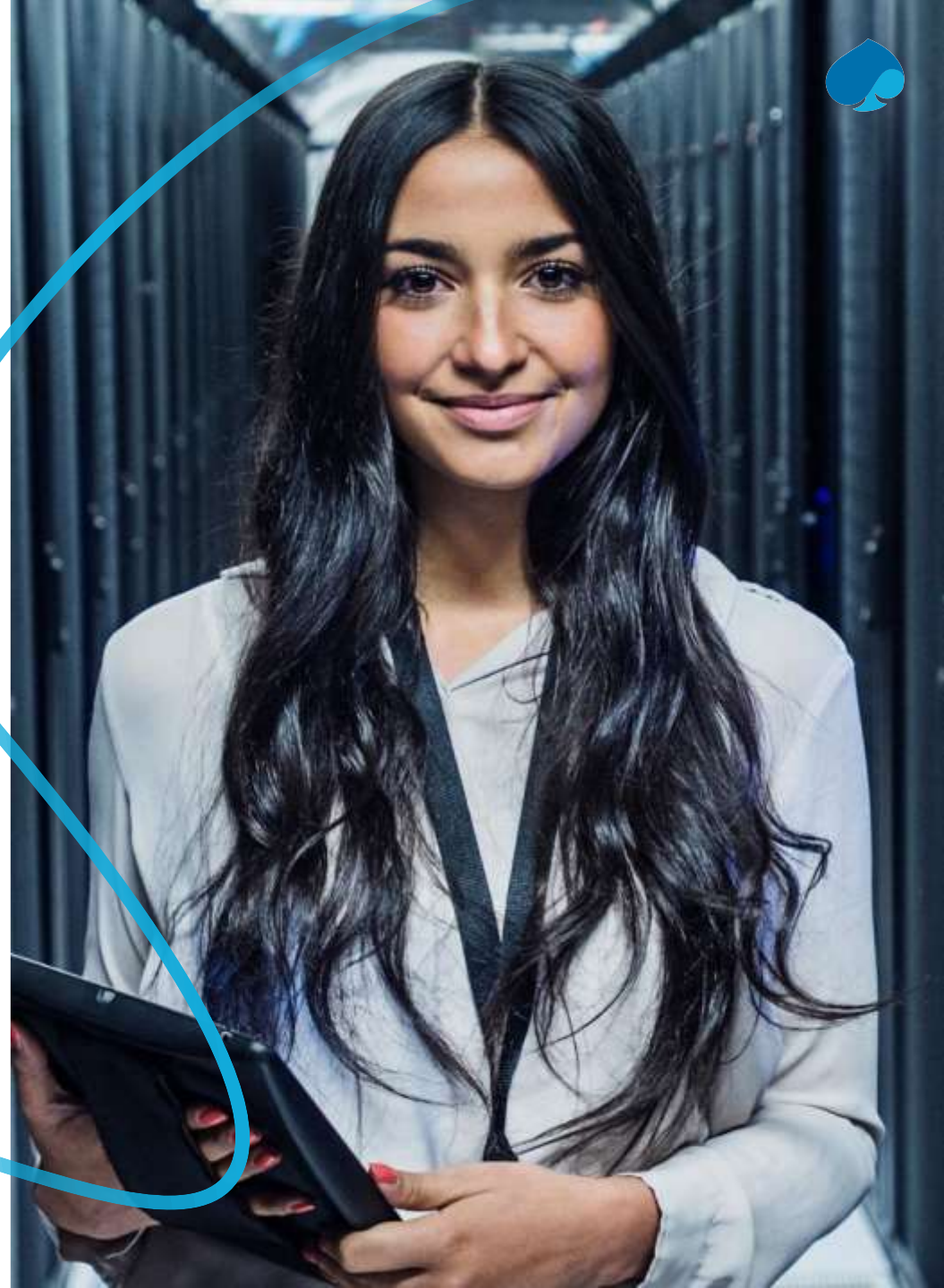
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SETTING THE SCENE

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"SUSTAINABILITY HAS BECOME AN IMPERATIVE FOR ORGANIZATIONS TO MAINTAIN COMPETITIVENESS, WIN NEW BUSINESS AND ATTRACT AND RETAIN TALENT, WHILE THEY ALSO STRIVE TO OUT-PERFORM THEIR SOCIAL AND ENVIRONMENTAL COMMITMENTS "

Elisabetta Spontoni
Global Head - SAP Operations
Group Offer Leader Digital Core with SAP S/4HANA®
Capgemini

Source: Capgemini, Sustainability Evolution, *Will your organization turn disruption into opportunity?*
https://www.capgemini.com/wp-content/uploads/2021/03/2021-04-07_Sustainability-revolution-POV_Brochure_A4-P_Interactive_Final.pdf

Sustainability is business-critical

79% of **consumers** have changed their purchase preferences based on products' perceived environmental and social impact.

90% of **executives** in the consumer products and retail industry agree that sustainability is a key driver for their sector.

70% of **employees** actively seek companies with a strong environmental vocation.

SUSTAINABILITY MARKET DRIVERS

Sustainability no longer sits on the periphery of the business world. Today, it is a core component in business' ability to compete and grow over the long-term.

Just **6%** of businesses have achieved a high-level of sustainable IT maturity

Source: *'Sustainable IT: Why its time for a Green revolution for your organisations IT'*
Capgemini Research Institute, 2021

Socially-aware markets
More socially-aware consumers demand more sustainable products and services.

Increasing green regulation
Governments are implementing demanding compliance and regulation around sustainability.

Competition for talent
In a market weighted towards job-seekers, employees seek companies with strong sustainability credentials.

Agile new market players
New, nimble competitors are entering markets seeking to exploit the sustainability niche.

Internal business pressures
Shareholders and investors are demanding business leaders drive growth *and* sustainability.

SUPPLY CHAIN SUSTAINABILITY CHALLENGES

Sustainability remains elusive for many businesses, with data silos and legacy systems like ERPs acting as barriers.
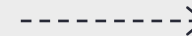
SYSTEM COMPLEXITY

Data siloes
Data is key to business insight but is going unused, sat in siloes out of reach of the decision-makers who need it to drive sustainability.

Legacy systems
Legacy ERPs are complex, decentralized monoliths, unable to visualize the right information at the right time.

...leads to...

POOR VISIBILITY

Lack of carbon insights
Decision-makers have poor visibility and control over operations, products and inputs across their supply chain.

No action
Without timely and accurate insights into the business, enterprises cannot act decisively on sustainability.

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INTRODUCING GREEN CORE WITH SAP SOLUTIONS

Green Core with SAP Solutions

We empower organizations to thrive in a greener world by helping them gain greater control and visibility of their operations, products and suppliers, so they can spot and act on opportunities to make their entire value chain more sustainable.

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STRONGER, TOGETHER

Capgemini uses innovative technology building blocks from SAP to help clients achieve their sustainability ambitions.

Tried, tested, trusted technology foundation

Market-leading, widely-used technologies aligned to SAP's commitment to zero emissions, zero inequality, and zero waste.
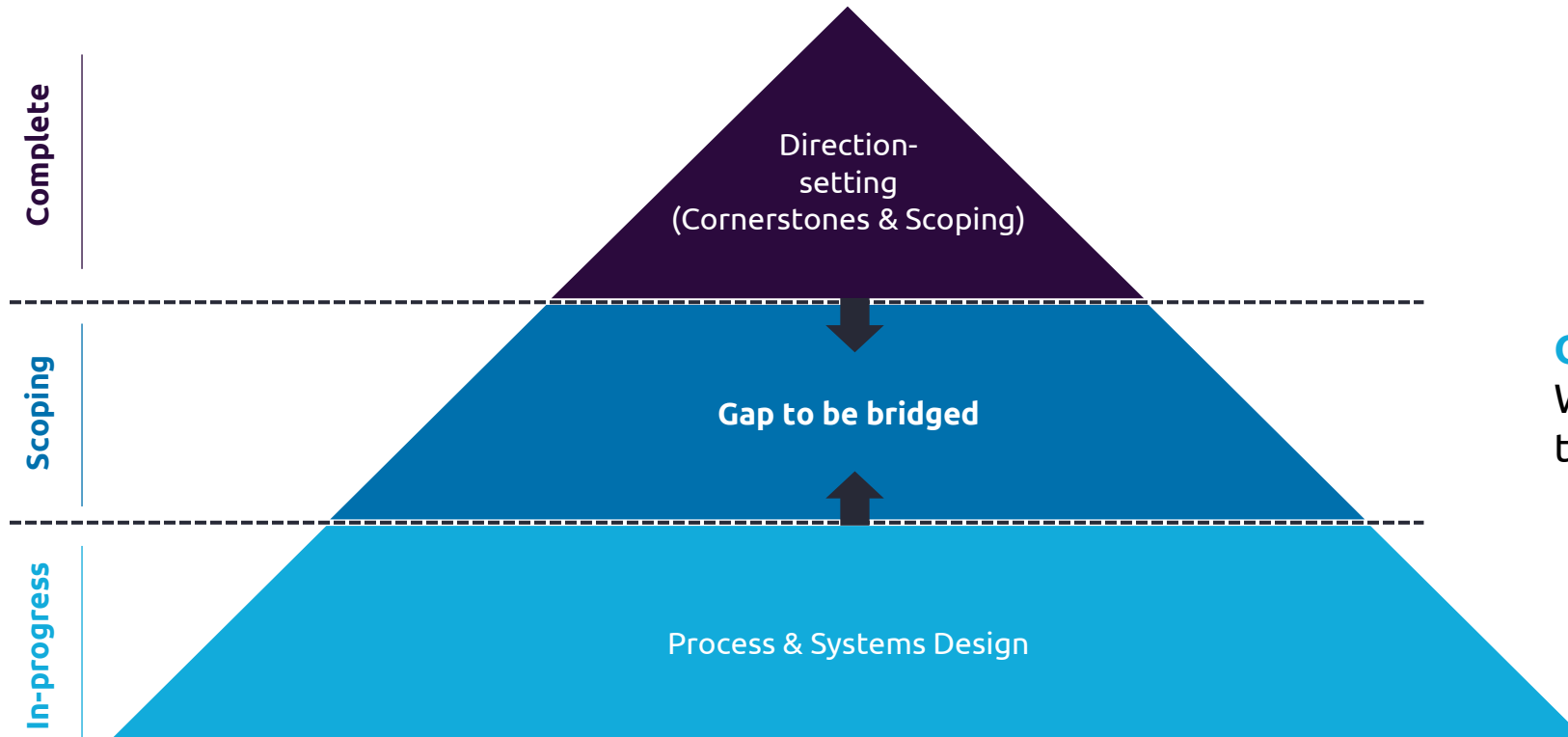
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Actionable sustainability insights for businesses

SAP-based analytic apps and dashboards that provide actionable, client-specific insights. Solutions are tailored to specific industry needs and designed to match outcomes with companies' specific sustainability ambitions.

OUR CLIENTS' BIGGEST CHALLENGE

"How can I translate our sustainability ambitions into operations & technology?"

Complete

Direction-setting
(Cornerstones & Scoping)

Scoping

Gap to be bridged

In-progress

Process & Systems Design

Our added value
We help our clients to meet their sustainability ambitions

GREEN CORE WITH SAP SOLUTIONS: AN OVERVIEW

What are Green Core with SAP Solutions?

A set of solutions built on top of SAP applications that provide greater visibility and control for organizations by measuring the financial, economic, and social impact of their IT, operations and wider value chain.

What do they do?

Green Core with SAP Solutions use transactions across business functions in SAP applications to track carbon emissions and other sustainability KPIs, and visualize them in decision dashboards.

Why is this important?

Real-time outputs help teams make critical decisions and take action to meet their ambitions for making the value chain more sustainable – in turn driving competitiveness, compliance and growth.
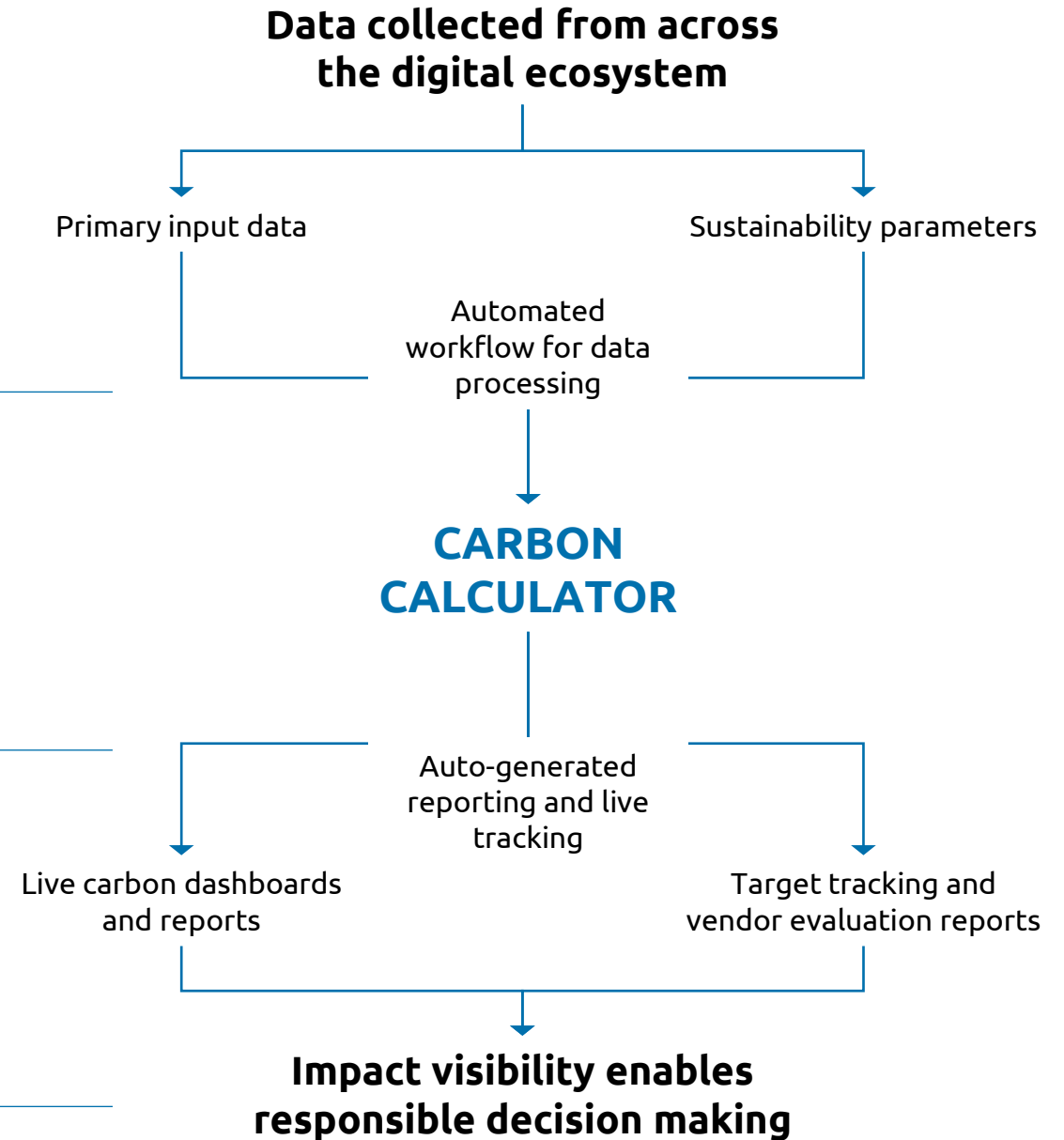
HOW DOES IT WORK?

1 **Aggregate**
Collect and aggregate data from across the digital ecosystem using SAP applications, and compare it to sustainability parameters.

2 **Assess**
Calculate your carbon footprint using the Carbon Analyzer engine.

3 **Action**
Intuitive dashboards and reports display insights to help users to make informed decisions, take action and make changes.

Data collected from across the digital ecosystem

Primary input data

Sustainability parameters

Automated workflow for data processing

CARBON CALCULATOR

Auto-generated reporting and live tracking

Live carbon dashboards and reports

Target tracking and vendor evaluation reports

Impact visibility enables responsible decision making

SUSTAINABILITY BENEFITS

Capgemini uses deep sector expertise to build outcome-focused solutions for clients.

Improve ESG performance

Ensure regulatory compliance

Green Core with SAP solutions provide greater visibility and control

Reduce operating costs

Enhance customer engagement

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OUR SOLUTIONS

INTRODUCING SUSTAINABLE SUPPLY CHAIN BY CAPGEMINI

SUSTAINABLE SUPPLY CHAIN

Today's challenge
To build a sustainable supply chain, companies must understand their suppliers' carbon emissions, energy use and waste performance. These metrics are rarely available.

How Capgemini helps
Our supply chain solution aggregates sustainability and carbon emission data for suppliers in SAP applications, ranking them via intuitive carbon footprint dashboards.

How you benefit
Accurate, up-to-date sustainability rankings allow you to choose the most sustainable suppliers and carriers, as well as the most efficient delivery routes and transport modes.

Tangible business benefits

10% lower carbon footprint for outbound transport

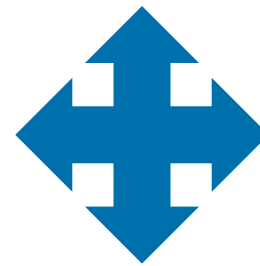**10%** of costs save by cutting energy and water consumption

8% more efficient fleet utilization, for greener transport

SUSTAINABLE SUPPLY CHAIN BENEFITS

Sustainable supply chain

boosts visibility and control

Improves ESG performance
- Better sustainability sourcing decisions
- Lower supply chain carbon footprint
- Improved social enterprise index

Reduces operating costs
- Lower water and energy consumption
- Improved fleet-utilization
- Admin costs saved via supplier screening

Ensures regulatory compliance
- Supplier human rights and regulatory compliance, tracked
- Improved monitoring of sustainable contract terms

Enhances customer engagement
- Brand image is improved via supplier compliance

SOLUTION IN ACTION

SUSTAINABLE SUPPLY CHAIN

Our use cases address end—to-end supply chain sustainability requirements by reducing waste, enabling sustainable procurement decisions and making carbon emissions transparent across production, raw materials, energy, and transport.

USE CASE 1	USE CASE 2	USE CASE 3	USE CASE 4	USE CASE 4
***Source to Pay* for supplier sustainability**	***Source to Pay* for materials sustainability**	***Order to Cash* for outbound logistics**	***Demand to Supply* for intelligent allocation**	***Demand to Supply* for inventory optimization**
Measures and ranks suppliers' sustainability performance	Evaluates material sustainability parameters	Determines real-time carbon emissions for outbound supply chain processes	Helps users navigate supply and demand fluctuations	Incorporates product carbon footprint data into inventory and planning

SOURCE TO PAY SOLUTION: SUPPLIER SUSTAINABILITY

SUSTAINABLE SUPPLY CHAIN

A single dashboard to comprehensively evaluate supplier sustainability on SAP S/4HANA®.

Feature:
Supplier sustainability parameters

Key benefits

- More sustainable sourcing decisions

- Suppliers accurately segmented

- More sustainable contract management

Feature:
Supplier ranking report

SOURCE TO PAY SOLUTION: MATERIAL SUSTAINABILITY

SUSTAINABLE SUPPLY CHAIN

A single dashboard to comprehensively evaluate material sustainability on SAP S/4HANA®.

Feature:
Parameterization for supplier material sustainability

Key benefits

- More responsible sourcing decisions

- More accurate material selection

- Manage material attributes on carbon footprint, recycled content, water & energy efficiency

Feature:
Supplier ranking report for material sustainability

ORDER TO CASH SOLUTION: OUTBOUND LOGISTICS

SUSTAINABLE SUPPLY CHAIN

View aggregated data on carbon/fuel emissions, distance and total weight, from freight orders on SAP.

Feature:
Fuel consumption report, based on freight orders

Key benefits

- Actionable insights on carrier performance

- Choose optimized routes and transport mode

- Informs more sustainable business processes

Feature:
Report on carrier fuel consumption and carbon emissions

DEMAND TO SUPPLY SOLUTION: INTELLIGENT ALLOCATION

SUSTAINABLE SUPPLY CHAIN

A single dashboard for evaluating supply allocation against supplier sustainability.

Feature:
Supplier sustainability and risk parameterization

Key benefits

- Better supply/demand allocation

- Improved supply distribution management and demand forecasting

- Increased supply chain responsiveness

Feature:
Supplier ranking report on sustainability

DEMAND TO SUPPLY SOLUTION: INVENTORY OPTIMIZATION

Integrate carbon footprint data into inventory planning, using SAP Intelligent Business Planning (IBP), SAP Analytics Cloud (SAC), Product Carbon Footprint, and SAP.

Feature:
Report on inventory carbon footprint, across locations

Key benefits

- Fewer value chain expenses tied up in working capital

- Inventory and service is optimized according to environmental impact

- Enables users to take remedial actions to reduce safety stocks

Feature:
Displays 'what-if?' scenarios for product locations

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THE CAPGEMINI DIFFERENCE

YOUR TRUSTED PARTNER FOR THE SUSTAINABILITY JOURNEY

Capgemini draws on our deep industry knowledge to deliver tangible, specific business-led outcomes using leading SAP technologies.

Unique IP, implemented at speed
We will accelerate your sustainability roadmap with unique, owned, and purpose-built use cases implemented at pace.

Transformation beyond digital
Our holistic approach goes beyond technology to build configurable sustainability into your day-to-day operations, to change mindsets and processes across your business.

Data is in our DNA
Our extensive data heritage enables us to maximise its use via effective integrations, real-time visualizations, and intuitive dashboard designs.

Rich cross-pollination of skills
We have combined our sector and capability expertise to deliver 50 sustainability innovation assets to date.

Leading SAP architects of the future
Capgemini is home to the world's largest SAP-certified workforce, whose expertise informs and drives value across our sustainability solutions.

CASE STUDY

STATE OF THE ART REPLENISHMENT SYSTEM

CLIENT PROFILE

- Consumer Products Retail sector
- Leading supermarket – Europe
- Among top 4 in both revenue and customer base

AIM

To increase supply chain efficiency through smart ordering, improved forecasting, end-to-end data sharing and automation.

SOLUTION

Capgemini used our deep retail sector knowledge to develop a state-of-the art AI/analytics replenishment solution that provides a self-learning forecast model for the number of customer visiting particular stores each day.

BUSINESS OUTCOMES

- Higher density truck loads
- Lower transportation costs
- Greater supply chain responsiveness
- More accurate store planning
- Fresher in-store products

ENVIRONMENTAL OUTCOMES

- Less food waste
- Lower fossil fuel consumption
- Client empowered to reach their target for reduced food waste

Projected carbon saving of 6,600 tCO2e per year

READY TO
FIND OUT MORE?

Get in touch with us today

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About Capgemini

Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of 290,000 team members in nearly 50 countries. With its strong 50 year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fuelled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering and platforms. The Group reported in 2020 global revenues of €16 billion.

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