

A photograph of two young children sitting in a strawberry field. The child on the left is wearing a white shirt and a straw hat, holding a wicker basket filled with strawberries. The child on the right is wearing a blue and white striped shirt, also holding a wicker basket of strawberries and eating one. They are both barefoot and sitting on the grass. The background shows rows of strawberry plants and a hilly landscape under a bright sky.

An Integrated Approach to Making a Difference

Sustainability Report **2022**



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About This Report

This report summarises key sustainability related initiatives across Total Produce from July 2020 to Dec 31st, 2021. Consumption metrics relate to 2021 only.



Follow Total Produce on our on-going sustainability journey.

Visit: www.totalproduce.com/sustainability



Look for this symbol to view videos throughout our report





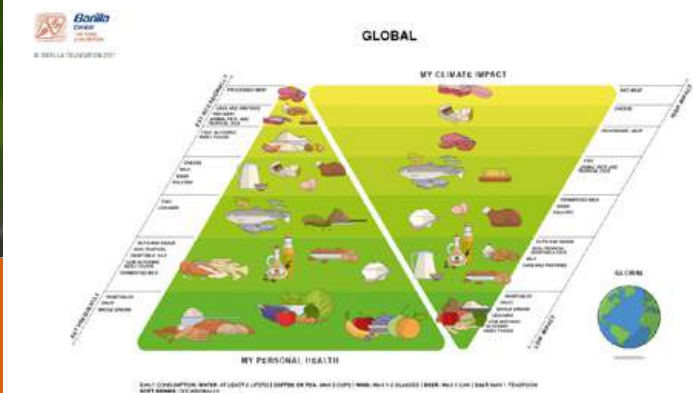
CDP Double B Rating



for Climate Change,
Water Security and
supplier engagement



The most nutritious of foods...



...with the lowest
Environmental Footprint

24 UK facilities
transitioned to
Deep Green
Energy

51 Countries profiled by
key Sustainability
metrics by group
Insight App

43M

Britons viewed
vegetable TV promotion
campaign in 2020



40% of Group
Electricity
Renewably
Sourced



13 Banana farms achieve
certification to the Alliance
for Water Stewardship
(AWS) International
Standard

Launch of
Pioneering
Consumer
Research in
TEN
European
Countries



100%
Employee Assistance
Programme Coverage
in Ireland & UK

100
BILLION

Portions of fresh
fruits & vegetables
sold each year

*includes contribution of Dole Food Company



Healthy planet. Healthy you.

Marketing the most nutritious of products with the lowest environmental footprint

In Total Produce we recognise how privileged we are to be marketing products, the health promoting properties of which have been firmly and definitively established. That these very same products are associated with the lowest carbon, water and ecological footprints of all the major food groups is something about which we are incredibly proud. Few industries, surely can contend with such certainty that their core business- in this instance driving fresh fruit and vegetable consumption makes so positive a contribution to public diet and general well being. Ours is an industry of worth.

While the virtues of fresh fruits and vegetables are widely recognised, the Barilla Centre for Food and Nutrition's Double Pyramid is a popular and

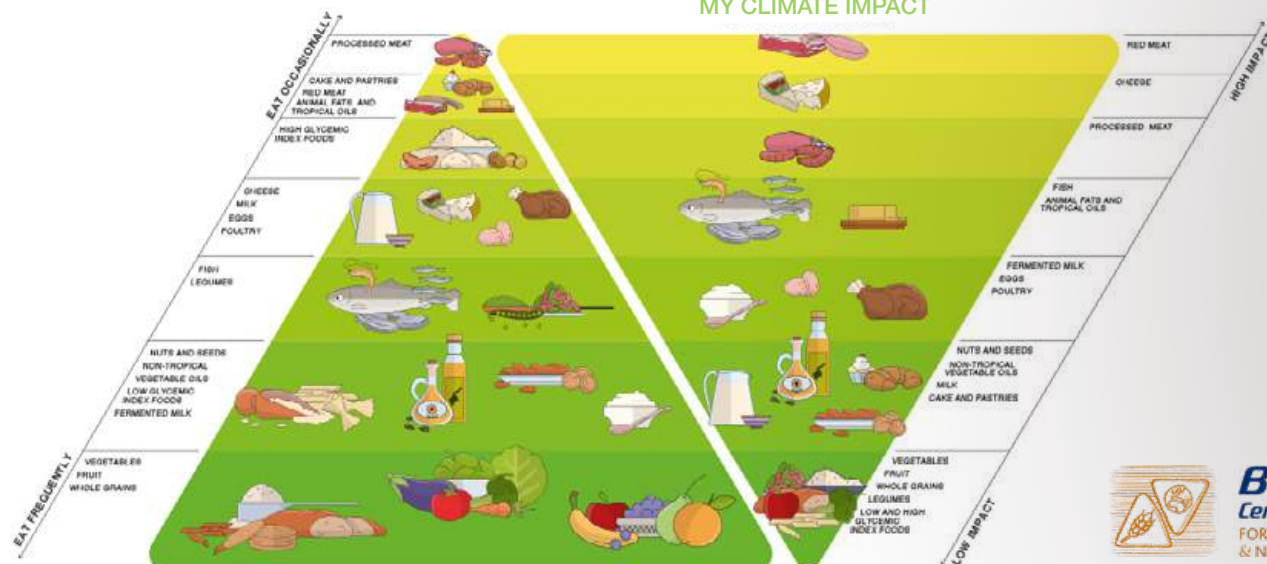
respected vehicle for communicating the health and environmental credentials of different foodstuffs. In April 2021, the BCFN released its updated research into the impact of food production on the environment, confirming the findings of the previous 2016 study- that fresh produce's impact in environmental terms is many times less than of other foods and that it occupies pride of place when nutritional value and environmental impact is cross-referenced.

By placing the Health and Climate Pyramids side-by-side, the Double Pyramid gives a simple and direct illustration of what a balanced, healthy and sustainable diet looks like. This model aims to encourage the adoption of eating styles that are both healthy for humans and respectful of the planet,

reducing the impact of food choices on the environment and climate change.

In Total Produce, we recognise that with the privilege of leading an industry of such virtue comes great responsibility and that there is no room for complacency. We understand it is incumbent upon us to improve our own performance across all facets of sustainability if we are to meet and exceed the expectations of customers and consumer alike. But selling as we do, approximately 100 billion of portions of fresh produce each year, it's gratifying to know by just doing what we do, every day we make the world just a little healthier and a little bit more sustainable.

MY CLIMATE IMPACT



MY PERSONAL HEALTH





Our Operations



Total Produce is today amongst the world's largest and most accomplished fresh produce producers and providers. Local at heart, Global by nature, Total Produce operates out of 30 countries while serving many more. Our industry leading vertically integrated supply chain extends across the globe incorporating over 260 facilities including farms, manufacturing facilities, cold storage, warehousing and packhouses. Growing, sourcing, importing, packaging, marketing and distributing

over 300 lines of fresh produce, Total Produce's range extends from the more familiar to the truly exotic and includes extensive organic and value added fresh cut ranges. Serving the retail, wholesale and foodservice sectors, Total Produce is a complete fresh produce solution provider – offering a comprehensive menu of services to our customers ranging from simple service provision to complete Category Management. Total Produce is part of Dole plc.





02/ Our Strategic Approach

At a time when the imperative to address issues from ethical production to climate change, from the conservation of our seas, to the responsible consumption of our natural resources, has never been more apparent, in Total Produce, we're working to bring the collective strengths of our Group to bear to bring about real, tangible and demonstrable change.

Our approach has involved communicating shared sustainability principles and values right across our international organisation and embedding these principles into our everyday trading practices, both locally and at Group level. It has also entailed putting in place new, robust Group-wide reporting structures and placing

sustainability at the very heart of our operations and strategic decision making.

In doing so, we have opened a Group-wide dialogue across Total Produce; promoting and facilitating the exchange of best practices and the pursuit of a shared vision. It has required setting Group-wide targets, measuring and managing core issues

collectively and collaboration right across the supply chain. Global problems, we know require global solutions. Most importantly, though, it has required decisive action: be it the adoption of renewable energy or the application of environmentally friendly packaging, as we strive, as a Group, to make a real difference.



Values & Purpose

Across our 170 year history, Total Produce has evolved to embrace a shared philosophy incorporating guiding values and principles which define how we do our business. Our culture that has arisen from this philosophy has been enriched by the contribution of international partners who have joined our family along the way so that today, we have clear a understanding of what it is to be part of and represent Total Produce.

Grounded

We're Down To Earth.
We're Honourable.
We're Nothing Without
Our Growers, Our Partners,
Our People, Our Customers
& Our Consumers.

Responsible

We're Accountable;
For Our Performance,
Our Quality, Our
Produce, Our Service.

We Are Committed;
To The Environment
And To The
Communities In
Which We Grow
And Operate.

Passionate

We Care.
We Love What We Do.
We Love What We Sell.
We Embrace Challenges.
We Relish Opportunities.
We Seize The Moment.

Different

We're Local at Heart,
Global by Nature.
We Bring Local
Expertise. We Deliver
Global Strength.
We Deliver The Best
Of Both Worlds.

Collaborative

We Partner. We Listen.
We Share. We Make
Things Happen.
We Get Things Done.
We Grow Together.

Different

Collaborative

Innovative

Innovative

We're Imaginative.
We're Flexible.
We're Resourceful.
We Go The Extra Mile.
We Always Find A Way.

We
Are

Our six core values: Grounded, Different, Collaborative, Innovative, Passionate and Responsible speak to how we see ourselves and the characteristics inherent to us that drive us forward. In defining what we care about: Planet, Produce, Partnership, Prosperity, Communities, People, Health & Nutrition we explicitly define our objectives; the areas upon which our efforts are focused.

Our business model is a product of both. It emphasises that we are "Local at heart, global by nature." We deliver the best of both worlds: the collective strengths and resources of a global leader alongside the local expertise and experience of a local business. It emphasises also a key strength- our collaborative nature - a trait and an ambition enshrined in our corporate tagline: "Let's Grow Together".



8 DECENT WORK AND
ECONOMIC GROWTH10 REDUCED
INEQUALITIES12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION13 CLIMATE
ACTION14 LIFE
BELOW WATER

15

Solid Foundations

United Nations Sustainable Development Goals: A Common Framework For Progress

The United Nations Sustainability goals are widely recognised as a shared blueprint for achieving a more sustainable future for all. Though committed to all 17 UN SDG's collectively, in Total Produce we selected Goal 3: Good Health and Well-Being as our "Pillar Goal". It is, after all, the very essence of what we do. We further identified Goal 12: Responsible Consumption and Production, Goal 13: Climate Action and Goal 14: Life Below Water as our priority goals- goals towards which we believe, we are best positioned to make a real and tangible difference.

Since selecting these pillar and priority goals in 2018, we have made substantial progress in their pursuit. As an industry leader, we have played an important role in promoting healthy diet and good nutrition supporting a myriad of worthy initiatives in markets across the world. We have also made substantial progress in reducing our group carbon footprint, integrated best sustainable practices and protocols into our internal operational and reporting processes and introduced environmentally friendly packaging alternatives across our operations.

A Strategic Approach To Sustainability

In Total Produce we recognise we are on an ongoing journey towards becoming an ever more sustainable business. Determined to take a holistic approach to moving forward, our strategy has been divided into four sections:

Nutrition & Health - Working with key stakeholders to educate, inspire and empower consumers to make better health and lifestyle choices.

Environmental - Being a responsible custodian of the environment in which we grow and trade. Ensuring the uncompromising pursuit of agronomic and sustainable best practices and the responsible consumption of fragile natural resources.

Ethical & Social - Working respectfully and constructively with all of our stakeholders across the communities in which we do our work.

Economic - Embedding best governance practices into our processes and practices, profiling and managing sustainability-related risk and ensuring responsible trading practices are in place across our operations.

In mapping out our strategy and aligning our objectives to UN sustainable development goals clearly and simply, we aspire to deliver greater transparency to our sustainability efforts and to ensure appropriate focus and resources are divided across all facets of the sustainability agenda.

In Total Produce we recognise we are on an ongoing journey towards becoming an ever more sustainable business.



Our Sustainability Strategy



3 GOOD HEALTH AND WELL-BEING



Championing Nutrition & Health

3 GOOD HEALTH AND WELL-BEING



Empowering Consumers / Promoting Well-Being

Environmental



Energy

Measure
& ManageReduction &
Renewable

13 CLIMATE ACTION



Water

Measure
& ManageReduce,
Recycle
& Improve

14 LIFE BELOW WATER



Waste

Measure
& ManageRemove, Reduce
& Recycle

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



Ethical & Social



Marketplace

Communities,
ConsumptionPromotion,
Sponsorship,
Investment

8 DECENT WORK AND ECONOMIC GROWTH



Production

Food Safety,
Best PracticesInvestment,
Support,
Collaboration

Biodiversity

15 LIFE ON LAND



Our People

Protect And
Engage
ColleaguesNurture And
Develop
PotentialEmbrace
Diversity

10 REDUCED INEQUALITIES



Economic

Structure

Strategy

Protocols

Risk
ManagementResponsible
Trading

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

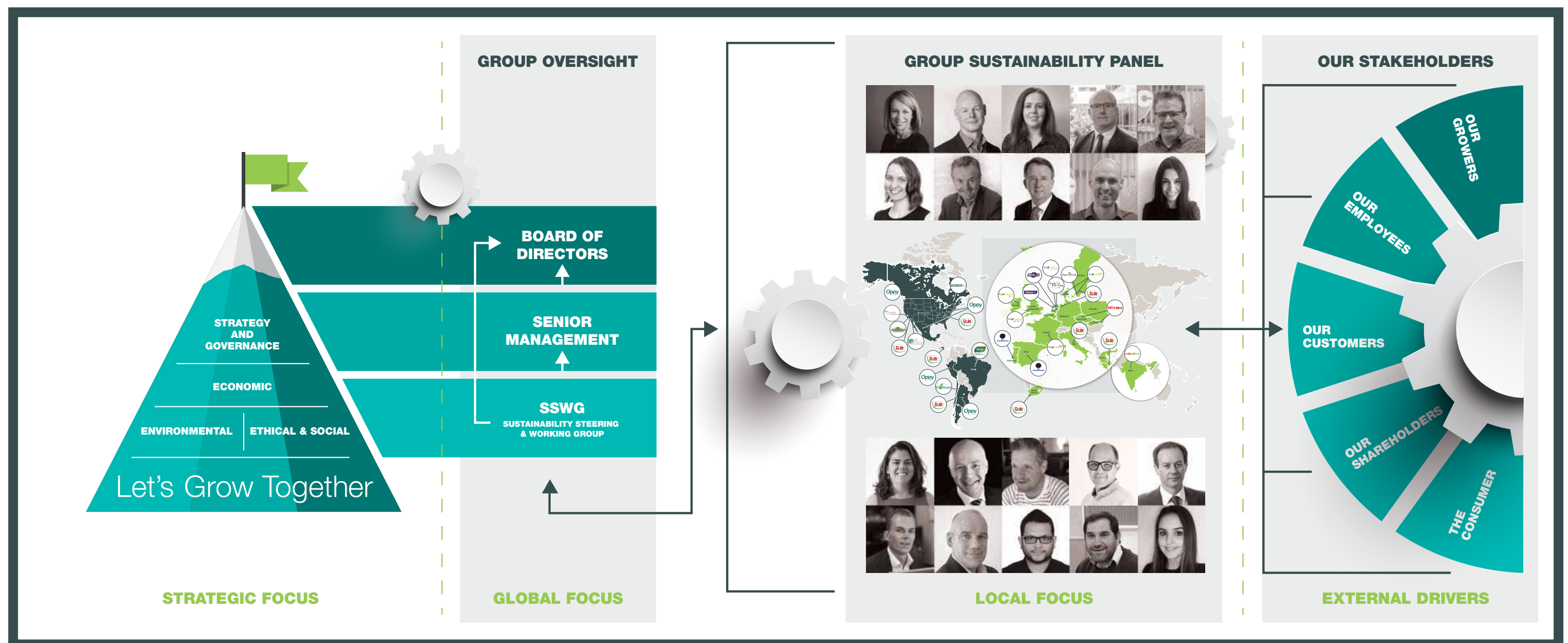


Our Stakeholders

In Total Produce we recognise that if real and substantive progress is to be made, it will require cooperation and coordination across the supply chain.

Collaborative by nature, we are committed to working with stakeholders across the fresh produce supply chain and beyond to reduce the collective impact of our industry on the environment and ensure best agronomic, ethical and social standards are adhered to from farm to fork. This entails working with growers at production, engaging our employees, industry peers and customers to deliver consistent standards of sustainable production which exceed the expectations of consumers and of which all of our stakeholders can be proud.

It also entails ensuring that input from stakeholders concerning sustainability can be shared with management at the highest level. In putting in place our Group Sustainability Panel we have installed an internal mechanism through which representatives from across our operations can exchange best practices and give voice to the concerns and aspirations of key stakeholders.





Governance

Our Structures

The importance of sustainability to Total Produce is evident in the selection of “Sustainable Trading Practices” as one of our strategic priorities. Our structures reflect our tagline “Let’s Grow Together” – a determination to be collaborative in our approach to achieving our goals. Sustainability reporting in Total Produce has been structured to be an inclusive process, encouraging two-way dialogue, extending across the supply chain and engaging all of our stakeholders. While Environmental, Social & Governance matters have always been managed at a local level, as we believe local management are best placed to identify the sustainability related risks and opportunities for their business in their region, we also know the benefits that come from the sharing of ideas and collaboration on global issues. Therefore, our Sustainability Steering and Working Group and Sustainability Panel were established to ensure best practice across the Group and the best use of our resources with regards to sustainability matters.

Sustainability Steering and Working Group

Our Sustainability Steering and Working Group (SSWG) is led by our Finance Director and brings together colleagues, including our Group Sustainability Officer, from functions such as technical, operations, finance and marketing while also having support from other areas such as human resources. The SSWG reports directly to the senior management and sustainability is a standing agenda item for all management meetings.

Sustainability Panel

Colleagues representing Operating Companies across Total Produce form the Sustainability panel that meets virtually to discuss environmental, ethical & social and economic related issues. The SSWG provide updates on initiatives and attendees are invited to present on their local sustainability practices, such as alternatives to plastic packaging, to colleagues.

This is also the forum for the distribution of Group policies and practices as developed by the SSWG. In 2020 the SSWG established a Sustainability policy which confirms the Group’s commitment to best sustainable practices in addition to complying at all times to the relevant national and international legislation and industry codes of conduct. This overarching policy, along with other supporting policies such as environmental, plastic packaging, employee culture and engagement and responsible marketing were approved by the senior management.

Corporate Governance

The Management of Total Produce are firmly committed to business integrity, high ethical values and professionalism in all of its activities and operations. Our strategic priorities are all underpinned by a strong company culture of conducting business in an honest and ethical manner. They recognise the importance of maintaining the highest standards of corporate governance and that it is accountable to its shareholders in this regard.

The Management have adopted the Quoted Companies Alliance (QCA) Corporate Governance Code, issued in April 2018. The Code is constructed around ten broad principles and our application of these can be found on our website <https://www.doleplc.com/corporate-governance/corporate-governance-guidelines>

Risk Management

Risk management is co-ordinated by an Executive Risk Committee (‘ERC’) which directs the implementation of the process consistently. Responsibility for the identification and evaluation of financial, operational and compliance risks is delegated to senior management, which reports back to the ERC. The ERC reviews the relevant findings, identifies strategic risks and makes recommendations.

The ERC reports its findings and recommendations to the Audit Committee, which in turn reports to the reports to senior management. Our Board conducts its own risk identification and assessment so that it is sufficiently aware of the principal threats to which our business may be exposed. The Board’s review

includes strategic, financial, operational and compliance controls and risk management systems. On an annual basis the Board confirms they are satisfied with the effectiveness of the internal control systems in place.

The SSWG reports through our existing risk management structures ensuring senior management are kept up to date on all relevant Environmental, Social and

Governance matters and that Sustainability is considered during the risk identification and management processes. The risk matrix on page 22 identifies sustainability related risks and opportunities which are considered as part of these risk management procedures.





Risk and Materiality

Risk

The Total Produce risk management structures are strongly embedded in the practices of the Group. The SSWG report directly through these procedures and so ensure sustainability is considered through the risk identification process.

As part of the development of our sustainability strategy our SSWG considered the risks and opportunities under our 3E's.

Materiality Matrix

We believe a detailed materiality analysis is an important tool for identifying the most significant sustainability issues with respect to both our business and our stakeholders' priorities. Using the SASB Materiality Map as a reference point, our SSWG, in conjunction with an external expert, developed a Group materiality matrix.

We identified the 3E's, namely Environment, Economic and Ethical and

Social, as the central pillars instructing our analysis of the material issues. As a diversified group with over 260 locations across the globe, these pillars serve as a framework under which local operations can define their own policies and practices.

The SSWG is now focusing on stakeholder engagement to further develop our matrix and therefore our priorities and the focus of our policies, practices and resources going forward.

ENVIRONMENTAL

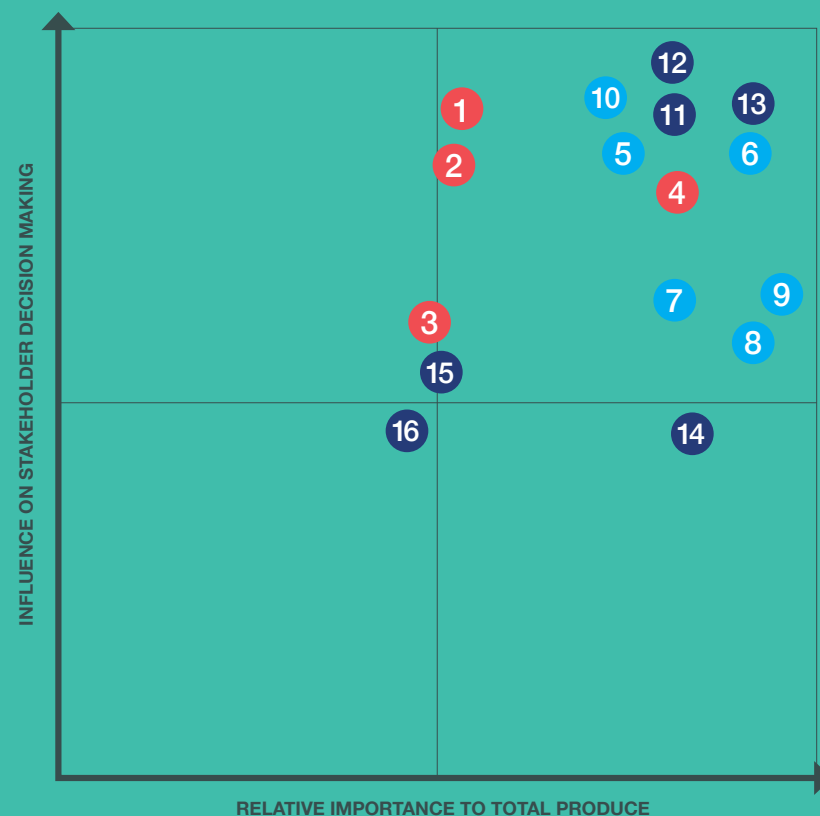
- 1 Energy & Greenhouse Gas Emissions
- 2 Water Consumption
- 3 Waste Management
- 4 Packaging Innovation

ECONOMIC

- 5 Regulatory Compliance
- 6 Customer Relationships
- 7 Consumer Trends
- 8 Risk Management
- 9 Financial Returns
- 10 Stakeholder Engagement

ETHICAL & SOCIAL

- 11 Ethical Sourcing
- 12 Food Safety & Quality
- 13 Promotion of Healthy Food & Nutrition
- 14 Employee Development & Engagement
- 15 Diversity & Inclusion
- 16 Community Engagement



	Risk	Actions	Opportunity
ENVIRONMENTAL	<p>Climate change is one of the greatest challenges facing society. Long term effects of climate change, such as unusual weather patterns can disrupt the supply and demand dynamics of fresh produce.</p> <p>Governments in the jurisdictions in which we operate may introduce punitive measures for companies who do not take actions to be a sustainable business</p> <p>Food waste within our business will increase costs and may have reputational impacts.</p> <p>Our own consumer research has identified that fresh produce is a category in which consumer appetite for sustainably packed product is particularly strong.</p>	<p>We are committed to minimising our consumption of natural resources and our impact on the wider eco system.</p> <p>Since 2018 we are measuring our carbon footprint and setting targets to reduce our impact.</p> <p>Around the Group we are introducing measures to reduce carbon footprint related to our energy usage. Examples include the installation of solar panels or LED lighting</p> <p>We have joined the Alliance for Water Stewardship as we endeavour to embrace best practice in water management.</p> <p>Local operating companies have worked with groups such as Food Cloud to reduce food waste.</p> <p>We are investigating methods of reducing food wastage such as Shelf Life Extension technology in Oppy and collaborating with WRAP in the UK</p> <p>We continue to develop sustainable packaging such as the compostable packaging at Group level and local projects such as recyclable packaging for table grapes in the Netherlands</p>	<p>We believe we can be a leader in an industry already know for its health benefits and low environmental impacts (see pg. 6)</p>
ETHICAL & SOCIAL	<p>Stagnating or falling consumption of fruit and vegetables is a risk for wider society as well as our business.</p> <p>The Group is dependent on the continuing commitment of its people and continuing to attract the best people.</p>	<p>The Group has undertaken a number of initiatives to promote health and wellbeing. Examples include the support of the Eat Them to Defeat Them campaign.</p> <p>Recruitment policies, management incentives and training and development programmes have all been established to encourage the retention of key personnel.</p>	<p>We can drive consumer consumption of fresh produce aided by our insights into their behaviours.</p> <p>We want to improve on our ability to retain the best people – already 57% of our colleagues have been with us 3 years or more.</p>
ECONOMIC	<p>Profitability in the fresh produce sector is dependent on high quality of supplies and consistency of delivery. It is possible that serious quality issues, and in particular, contamination of product, whether deliberate or accidental, could have a negative impact on revenue</p> <p>Failure to properly communicate our sustainability practices and policies to all of our stakeholders could impact our reputation.</p> <p>Risk of corruption, bribery, fraud, threats or sabotage.</p>	<p>Management undertakes ongoing reviews to ensure policies and procedures around this area continue to be effective and that adequate resources are in place.</p> <p>The Group has very close and well established relationships with its growers and only buys product when comfortable with the grower's reputation and commitment to food safety.</p> <p>We setup sustainability structures to ensure best practices and policies are in place. (See pages 18, 19).</p> <p>Risk management programme coordinated by executive risk committee.</p> <p>The Group has launched its first website exclusively focused on sustainability. Hosted at www.totalproduce.com/sustainability, this site is a user friendly, central online resource through which stakeholders can download and review content. It also outlines policies, protocols and procedures that are in place.</p> <p>Total Produce also issues annual group wide sustainability reports.</p>	<p>We will continue to develop our position as one of the worlds leading fresh produce company whilst delivering long-term stakeholder value.</p> <p>We understand stakeholder engagement is a key part of the long-term success of the Group and constant and improved communication with all stakeholders is essential.</p>



Targets and Achievements

Environment



Carbon Footprint

2020

- ✓ Reduce carbon consumption in Total Produce Ireland operations by 40%*
- ✓ Reduce Total Produce Group-wide carbon consumption by 20%*

Update 2021

- ✓ In achieving a 10% reduction in group carbon footprint by y/e 2021, we met our Vision 20/20 target.
- ✓ 24 UK facilities transitioned to deep green energy in 2021. See page 30.

2025

- ✓ Integrate estimated Scope 3 emissions into Total Produce Group reporting models.
- ✓ Calculate and publish a combined Carbon Footprint figure for Total Produce & Dole.

2030

- ✓ Achieve net zero carbon emissions from Dole managed farm level operations.

Waste Management

2020

- ✓ Introduce centralised waste reporting structure across the Total Produce Group.
- ✓ Publish waste generation data from key Total Produce Group installations.

Update 2021

- ✓ Collation of group-wide data ongoing.
- ✓ Data from key facilities collated and published. See partnership with WRAP UK on page 38.

2025

- ✓ All Total Produce Group sites to have reduced Food Waste by 50%.
- ✓ All Dole Tropical Packaging to be Recyclable or Compostable.

2030

- ✓ All Total Produce packaging to be recyclable/compostable.

Water Stewardship

2020

- ✓ Total Produce - Join the Alliance for Water Stewardship.
- ✓ Total Produce - Integrate water consumption data into reporting models and submit to the CDP.

Update 2021

- ✓ 13 Dole banana farms accredited with Alliance for Water Stewardship standard. See page 35.
- ✓ In 2021 our First Water Footprint was established. We submitted data to the CDP and received C grade which we improved to B grade in 2022.

2025

- ✓ Total Produce - Achieve AWS certification across all global Total Produce sites.
- ✓ Achieve 100% optimised water practices in Dole operated farms and packhouses.

2030

- ✓ Tropical Fruits: Design and install fully automated water irrigation systems in all Dole banana & pineapple production areas under irrigation.

Ethical & Social



Production, Marketplace, People

2020

- ✓ Secure the safety and well-being of colleagues across the world during the COVID-19 pandemic.
- ✓ Total Produce - Extend sponsorship of Agri-Aware Incredible Edibles project & Argofruta Foundation until 2025.

Update 2021

- ✓ Argofruta and Agri-Aware sponsorship extended. Programmes conducted virtually during Covid-19
- ✓ Sponsor of UK Eat Them To Defeat Them vegetables primetime TV advertising campaign. Expected reach- 43m Britons. See page ??.

2025

- ✓ Dole - Expand Role of Dale Foundation across Latin America.
- ✓ Devote at least \$0.07 per box of Dole branded bananas & pineapples to fund social projects investing \$50m+ over 5 years.

2030

- ✓ Establish Total Produce as a recognised leader in responsible fresh produce production.

Economic



Governance & Responsible Trading

2020

- ✓ Formalise Total Produce internal sustainability reporting structures to Board of Directors.
- ✓ Total Produce - Launch "Total Organics" specialist unit.

Update 2021

- ✓ "5 Steps" Sustainability training workshop rolled out across Europe. See pages 45.
- ✓ Insight App launched to profile source countries by key sustainability metrics.
- ✓ Total Organics range extended to 25 lines.

2025

- ✓ Total Produce - Implement the recommendations of the Task Force for Climate-Related Financial Disclosures (TCFD).
- ✓ Implement blockchain tagging technology and/or traceability solutions across all Dole divisions.

2030

- ✓ To have positioned Total Produce as a recognised global leader in Sustainability Reporting.



03/ Environmental Overview

Energy Conservation



Water Management



Waste Management



Biodiversity



In Total Produce, our understanding of the nature of our responsibilities with respect to the environment is unambiguous. In the first instance, as a customer orientated organisation, the delivery of premium quality, safe, traceable produce to the consumer grown to the most stringent agronomic and sustainable standards must always remain a priority for us.

Meeting and exceeding customer expectations is what we do. We recognise also, though the responsibilities inherent in the pursuit of this goal, most notably to the emerging and developing nations from which we source, and more specifically to our partners in production- the local and global growers who supply us. This responsibility extends beyond the growers and their people to the environment in which they operate. After all, for a company such as ours, so inextricably linked to the fruits of the world's most fertile growing regions, environmental conservation and sustainable production constitutes less of an abstract moral responsibility and more of an absolute commercial necessity.

Expectations are clear, of course. We must be uncompromising in the pursuit of best practices right across our operations and we must be responsible in our consumption of fragile natural resources. To this end, we concentrate our efforts on the measurement, management and reduction of energy and water and the production of waste and on the promotion of best practices in soil management and biodiversity.



**Energy Conservation
& Management**



**Waste
Management**



**Water Management
& Stewardship**



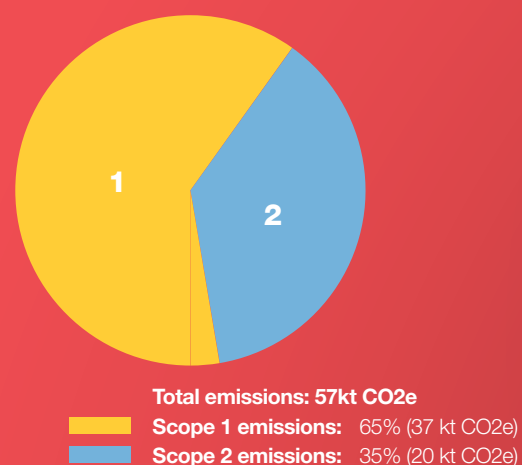
**Soil Management
& Promoting Biodiversity**



Total Produce records 10% reduction in Carbon Footprint, but the work continues...

Sustained Progress Achieved In Reducing Group Carbon Footprint

In 2021, the collective carbon footprint for the Total Produce Group internationally was measured once again. Details can be found in the chart below. We are happy to report a 10% decrease in carbon consumption compared to 2020 totalling 57 kt CO₂e. This reduction is attributable to our ongoing efforts to invest in renewable forms of energy, to the promotion of energy conservation across our operations, to the enthusiastic manner in which our people across our operations have embraced our goal to reduce group energy consumption by 30% by 2030 and, of course, in part to the impact of Covid-19 on our operations.



10%
yoy decrease in GHG impact in 2021*
*(location based)

CDP Climate Action
Rating
"B"

25%
reduction in Scope 2 emissions



**CASE STUDY****Total Produce UK Completes Transition to Deep Green Energy**

February 1st, 2021 saw Total Produce's UK operations complete the transition to 100% 'Deep Green' renewable electric energy sources to power its business units across Great Britain. This transition applied to twenty four units in all: eighteen in England, three in Scotland and three in Wales, including Central Distribution Centres, production facilities,

regional depots and TPUK's Head Office in Liverpool.

Part of Total Produce's group-wide initiative dedicated to measuring and reducing carbon consumption throughout the group and contributed to a group wide 25% reduction in scope 2 emissions in 2021. This transition is estimated to have delivered a 20% reduction in TPUK's Co2 emissions throughout 2021. The adoption of renewable energy in the UK follows the transition to green energy by twenty four sites in Ireland in 2019.

CASE STUDY**Dutch, Spanish and Brazilian Operations turn to Solar Solutions**

While in selected markets renewable energy is sourced through national grids, in others, individual facilities are using solar based alternatives. In Brazil, group partner, Argofruta, a major exporter of tropical produce, has installed some 1,800 solar panels on its Petrolina packing facility, from which it exports some 14m fruits per year. This equates to over 85% of its energy needs, some 100,000kwh/ month.

With the installation of nearly 1,400 solar panels on its Central Distribution Centre located in Bleiswijk, the Netherlands, Total Exotics, a significant importer, ripener and marketer of Avocados and Mangoes, anticipates a reduction of over 25% in the carbon footprint associated with the facility with the panels generating some 415.000 Kwh yearly and reducing CO2 emissions by some 250.000 KG. In Q1, 2022 our Eurobanan facility in Madrid installed some 1,130 solar panels, which is expected to deliver a 20% reduction in carbon consumption.

**CASE STUDY****Managing Climate Change - The Red Cleo Berry**

Developing varieties of fruit best suited to increasingly unpredictable weather patterns is important to ensuring continuity of supply and best agronomic practices. With heat waves and droughts becoming more common identifying varieties that have an inherent reliability and maintain growth in hot warm summers is become increasingly important. To that end, Total Produce UK identified a variety called Red Cleo, bred primarily for Egypt, that having been bred for warmer drier climates, continues to produce fruits even during high temperatures and more importantly remains sweet and juicy.

Trials of Red Cleo are continuing as we focus on ways to support our growers reduce the amount of irrigation they use without losing the viability and quality of the crop. We believe Red Cleo represents a good example of a new breed of climate resilient strawberry varieties that will contribute to continuity of quality and supply going forward.





Water Footprint Data

Having collated our first water group water footprint data in 2019, 2021 saw us make our first submission to the CDP re: Water Security, securing a “C” rating. In 2020, we extended the scope of our data collection for our collective water consumption and secured a “B” rating. In 2021 we as a group consumed some 1,796,850 m³ of water. 2021 has also seen a number of initiatives put in place which will enable Total Produce to profile, measure and manage our water consumption going forward.

CDP
Climate Action
**Rating
“B”**

2021
Water Consumption
1,796,850 m³





Water Management

CASE STUDY

Eurobanan
Avocado

Total Produce is committed to supply chain collaboration, continuous improvement and embracing new technologies to minimise water usage, and improve biodiversity, in all locations we procure, market, and distribute. Spain is the fresh produce basket of Europe producing a wide range of healthy fruit and vegetables, but warm climates bring with them inherent water risks that need to be managed carefully and with respect to the environment and the local community. Our Spanish business, Grupo Eurobanan has two ongoing sustainability projects dedicated to water and promoting biodiversity.

The first project is in the South East of Tenerife and is a collaboration with Coplaca the principal producer cooperative in the Canary Islands and the conservation NGO Seo Birdlife. The idea is to create a model

farm to share knowledge with Coplaca growers about sustainability and new techniques for soil regeneration, water management and biodiversity. The project started on an old farm that had previously been used for glasshouse production, so the abandoned glasshouses have been removed and the early focus has been on regeneration of the soil and establishing the local vegetation using native species that are resilient to the environment and provide a good host for natural predators and beneficial insects. The principal focus going forward will be on water management, conserving and managing water efficiently using state of the art monitoring, recycling, and application techniques.

Project two, aptly named “Avocado Fun” is in the abundant growing area of Huelva, in the South West of Spain. The focus again is on water and biodiversity but in this instance the project is taking place on a working 170 ha farm that is aiming to improve avocado yields using new sustainable technology. The farm

already has 30ha dedicated to biodiversity and the development of habitats and local fauna which complements the production of Hass avocado. A new energy efficient irrigation and fertigation system has been installed which goes hand in hand with soil moisture monitoring at different depths and a crop nutritional monitoring system developed by AGQ labs that is designed to optimise fertilisation and irrigation, so avocado trees only consume what they need for optimum yield and quality.

Both projects although with different set up's, share the same goals- to improve our environment by employing new technologies and techniques that challenge current cultivation methods and to keep the best of the old by regenerating soils and planting robust native fauna. Knowledge and learnings gained from these projects will be shared amongst the wider Total Produce group in forums, case studies, and visits and through our local and global grower network.

made this a complicated task. The WWF Water Risk Filter has made this work not only possible but has provided the platform for a targeted approach to water stewardship and ultimately the AWS standard.

The Water Risk Filter is a digital tool that interprets the best scientific available data and translates it into a structured, dynamic framework that is easy to navigate and understand and it relates perfectly to current global supply in the fresh produce market. Using the Water Risk Filter scenario analysis, we have been able to profile and evaluate future climate-water risk exposure in detail and bring this knowledge into our sustainability resilience planning and strategy. On the ground, in our day-to-day procurement planning activities, we have created a benchmark position, identified hot spots, and developed a proactive approach to mitigation planning in the supply chain. The mitigation plans consider circularity (reuse, capture, recycling, and storage), stewardship in the catchment and developing projects to support, increase knowledge and educate in the wider supply chain.

With the valuable support of AWS and the WWF Water Risk Filter, we are able to work towards the challenge of SDG 6 Clean Water and Sanitation, future water security and building a more resilient future for the fresh produce industry as a whole.

CASE STUDY

UK- Hydroponics

Total Produce and industry partner Phytoponics have completed an initial academic trial stage at Stockbridge Technology Centre. It proved that strawberry plants could not only thrive in a deep-water hydroponic system, but the production system had the potential to compete commercially with current practice- providing a route to a production system with a significantly lower environmental footprint. Early results have shown root development to be extraordinary, as the root development is unhindered

by soil or substrate. The roots are also healthier delivering the potential for increased yield and excellent flavoursome berries.

Sustainability will play an important part of any future production system and deep-water hydroponics has the potential to improve on current systems in a variety of ways. The water is recirculating so no water is wasted as the plant only uses what it needs and there is the potential to increase the length of the production season, cheaply and easily by heating the water. All these improvements will add up to a significant decrease in the production footprint,

required to grow a punnet of strawberries.

Trials have now moved to a semi commercial stage, with thousands of plants. Over the next two growing seasons we plan to evaluate further the sustainability credentials of deep-water hydroponics and at the same time prove the business case and commercial viability of the project.

CASE STUDY

13 Dole Farms
Achieve Alliance
For Water
Stewardship
Certification

In 2020 Dole Food Company announced that eleven banana farms in Colombia and two in Ecuador achieved certification to the Alliance for Water Stewardship (AWS) International Water Stewardship Standard for taking water management to a higher level in Dole's own farming and suppliers' growing and sourcing operations.

The standard is intended to drive social, environmental and economic benefits at landscape level which encompasses all users of a particular water catchment,

allowing them to better understand how their water use impacts others, and to work collaboratively and transparently for sustainable water management. In addition to more sustainable water use, the program includes integrated crop cultivation management, conservation and promotion of ecosystems and biodiversity, climate protection, waste management and social aspects.

By adopting this water management standard, Dole and its growers continue to move progressively towards even more responsible water governance and mitigation of supply chain water challenges across banana operations. The knowledge and experience from these 13 farms will be shared across other Dole farming regions.

CASE STUDY

AWS Update and Mapping
Global Water Security Risk

Total Produce continues to be a member of the Alliance for Water Stewardship because we want to drive social, environmental and economic improvement by engaging with operational sites and growers to better understand and address the water challenges in their respective countries and catchment areas. It provides a target and progressive route towards best practice. Most notable has been the training, networking and collaboration that are vital part of any stewardship program.

Learnings along the journey have been many. Our agronomists and technical teams have always focussed on water, sanitation, and hygiene (WASH) as well as improving best practice in irrigation and water quality. Water stewardship has given a different approach. One of the first and most immediate tasks was the need to understand and map our current water security challenges. Having a global supply base, with a wide range of fresh produce items produced by thousands of specialist growers from small to large





Avocados - Extending shelf-life to reduce Waste

Total Exotics, Total Produce's specialist avocado and mango ripener and marketer based in Bleiswijk, the Netherlands has a long standing commitment to reducing waste. Indeed the unit has found innovative ways of finding alternative uses for excess stock be it redirecting left-over mangoes to a company that makes leather or left-over avocados to a company that makes avocado oil from the seeds. Prevention, of course is always better than a cure, however.

Total Exotics has, therefore, been conducting an exhaustive search into ways through which shelf-life can be extended and food waste reduced at consumer level. Total Exotics search brought them to Liquidseal, a Dutch company producing a chemical-free coating to offer extra protection to the avocado and thereby extend

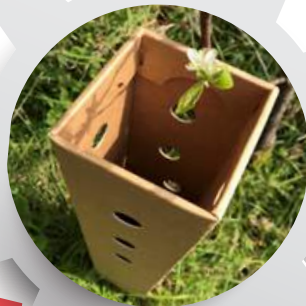
shelf life. The coating works optimally when it is applied at producer level in the country of origin. The grower only has to mix the liquid with water feeding through the spray nozzles of the sorting machine to apply the coating. After extensive and rigorous testing, a marked improvement in shelf life but also in internal appearance was identified. Multiple Total Exotics producers in Colombia and Peru are already applying the coating with suppliers in South Africa

and Mexico due to commence application shortly. With a low added cost and high value-add, shelf life is extended by some 8 to 12 days while initial customers' responses have proven very favourable. Working together with innovators, growers and customers, Total Exotics is proud to be playing its part in reducing unnecessary food waste in the fresh produce supply chain.





Packaging and waste



CASE STUDY

Production - Reducing
and Removing Field Plastics

At production, removing and identifying alternatives to field plastic is a real challenge but in the UK, Total Produce growers have been looking at different types of tree guards, to reduce the amount of plastic used in orchards. Fruit trees have been traditionally protected from rabbit damage by using single use plastic guards. Total Produce growers have been trialling a new product called Earthboard developed by SIRANE. The board is a fibre based solid board that is 830 Micron thick, water resistant board, that also has a water based coloured coating (Earthcoating) that is also water resistant. There are a range of sustainability benefits, most notably fully recyclable, biodegradable and compostable, the Earthboard guards eventually degrades and do not have to be collected. This product supports our customer plastic pollution strategies and is especially useful for top fruit and stone fruit growers' new planting programmes. So far trials have shown that the farm footprint could be reduced significantly and the Earthboard guards have reduced plastic pollution.

CASE STUDY

Total Solutions UK Adopts
Food Waste Reduction Roadmap

The Food Waste Reduction Roadmap, is a world-leading initiative introduced by WRAP and the IGD and supported by the UK's devolved governments. The aim of the Roadmap is to deliver a 50% reduction in the UK's food waste by 2030, in line with the national commitment under target SDG 12.3 of the United Nations Sustainable Development Goals.

Companies which fully commit to the 'Target, Measure, Act' (TMA) methodology behind the Roadmap can benefit from assistance from the WRAP team which includes experts from across the food sector. The process encourages and supports collaboration between organisations in 'whole chain plans' (WCP) which can unlock waste across and along value chains.

Further to our commitment as a signatory to the Food Waste Reduction Roadmap and our strategic drive towards food waste reduction, Total Produce UK started the journey towards meeting the Courtauld 2025 targets, by using the data supplied by Total Solutions.

The journey began in May 2020 by extracting food waste data across the entire operation for 2019 (1st January – 31st December). A Food Waste Roadmap data capture sheet was completed for all waste streams out of the site. Site food waste data equated to 1.18%. Based on data

submitted, a 5% YoY improvement was targeted- equating to 1.12% waste per the 2020 target.

The Solutions team has been actively involved in projects and training workshops to analyse opportunities to reduce food waste further and the site has actively engaged with initiatives such as Fair Share where surplus food is distributed into food distribution network to support healthy eating in the most disadvantaged individuals. The WRAP roadmap process encourages and supports collaboration between organisations and to think bigger towards 'whole chain plans' (WCP's) which can unlock waste across and along value chains. Going forward forecasting and planning are targeted improvement areas, along with an ongoing programme of shelf life and preservation technology projects and eventually breaking the 1% barrier.



CASE STUDY

Anaerobic Digester Delivers
A Win:Win In Kenya

Working with growers in key growing regions around the world brings opportunities and challenges. Every farm and grower are unique.

Provenance Partners, a Total Produce Joint Venture, is a vertically integrated supplier of globally produced and sourced exotic vegetables to market leading multiple retailers, processors, and food service companies in the UK. The company was founded in 2011 to exclusively market product from Vegpro Kenya Limited, Kenya's largest producer and exporter of fresh produce. This long and formidable collaboration extends beyond marketing to the complex challenge of sustainable production in a country with a fair share of climate related challenges.

Vegpro Kenya Ltd is a great example of a forward-thinking vegetable production business, that is harnessing complex sustainability issues like energy and waste, and now using them to drive and improve the overall sustainability of the farms and cultivation. Vegpro Kenya Ltd invested in the very first biogas power plant in Naivasha, Kenya. Located at Gorge Farm the Anaerobic Digester converts vegetable and flower production waste from the farming operations into biogas, which powers specially adapted power gas engine generators to create renewable electricity, used to power the main 706ha vegetable production unit. Any excess electricity is fed directly into Kenya's National Grid. Post digestion any of the natural solid or liquid by-products remaining are returned to the land as nutrient laden organic fertilizer. It is an innovation that represents a win: win for Vegpro, the soil, Kenya but also Total Produce, our customers and the consumer.





Total Produce UK partners With Saga Robotics to significantly reduce use of fungicides in berry production

Saga Robotics are working with Total Produce to provide chemical-free control of powdery mildew in strawberries in open field and protected cropping systems globally using the Thorvald autonomous robotic platform. Using twice-weekly doses of UV-C light, the battery-powered Thorvald platform delivers complete protection to the strawberry crop without the need for chemical sprays or human operators, and since it is

chemical free, fruit can be harvested immediately with no harvest interval. Thorvald light treatment is a sustainable, cost-effective and reliable alternative to traditional fungicides, and is the first in a series of innovative solutions to repetitive labour-intensive tasks in strawberry production to be offered by Saga Robotics.



Total Produce Ireland joins All-Ireland Pollinator Plan as part of Origin Green programme

Total Produce and its operations across the world are committed to ensuring adherence to the best agricultural practices from seed to store. As part of the Origin Green programme, the world's only national food and drink sustainability programme, Total Produce Ireland have committed to introduce at least one new biodiversity initiative each year across key sites in Ireland. The biodiversity initiatives are designed to promote the importance of Bees and pollinators and emphasise their vital role in the production of fresh produce.

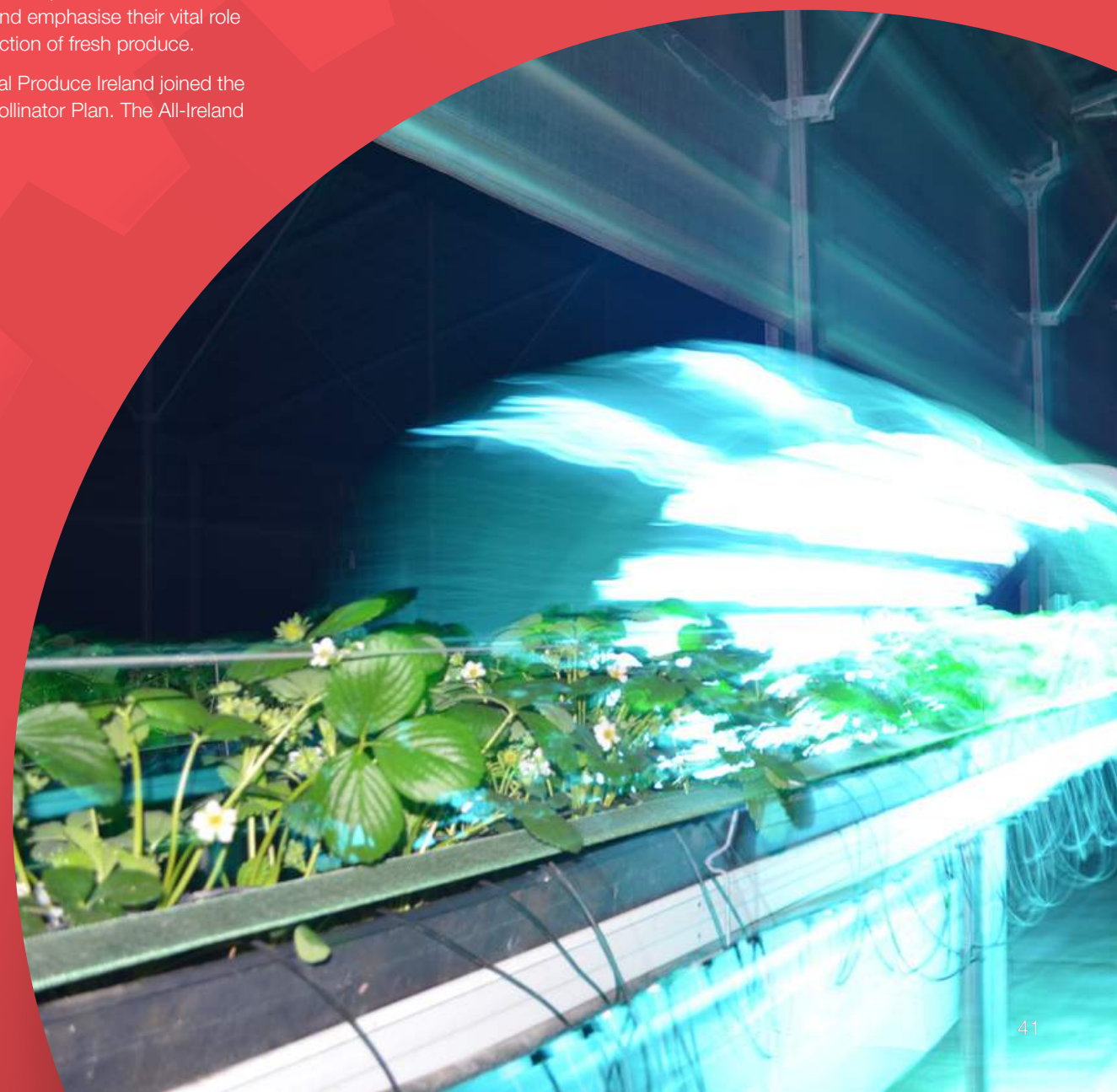
In 2020, Total Produce Ireland joined the All-Ireland Pollinator Plan. The All-Ireland

Pollinator Plan aims to create an Ireland where pollinators can survive and thrive.

As part of the All-Ireland Plan, Total Produce Ireland focused on implementing biodiversity enhancements. We began planting pollinator friendly plants such as Rudbeckia goldstrum, Calamintha nepeta blue cloud, Salvia royal bumble, Verbena bonariensis to name a few in containers outside our key site in Ireland. In addition, we added Laurel to our planters which

are attractive to bees, bumblebees, and butterflies. In 2022, we plan to insert bee hotels at each of our Irish depots and provide seed packs for employees to encourage growing pollinator friendly plants at home.

These biodiversity initiatives are part of our on-going commitment to Origin Green and the environment.





04/ Ethical & Social Impact

Total Produce's position at the forefront of the global industry- our size, our reach and our customer base, brings with it great responsibilities.

Our commercial reputation- a reputation cultivated across a century of trading is already one, we believe of a progressive corporate citizen, accomplished at practically embracing our responsibilities and uncompromising in the pursuit of best practice. This is a reputation we are determined to maintain, though and it is appropriate that now at this time of heightened awareness, we in Total Produce reaffirm the role of principled trading practices in our delivery of operational excellence and superior produce.

We recognise our responsibilities extend across global production, throughout the marketplace and to our own people, of

course. At production, we are committed to trading responsibly with growers and forging mutually beneficial partnerships. In the marketplace we seek to contribute to society by promoting good health and well-being- something inextricably linked to the products that we sell and by being a good neighbour; playing a constructive part in the communities in which we grow and trade. Across the globe, we aspire to be a best-in-class employer: championing human rights, assuring worker welfare- something particularly important during the Covid-19 pandemic and providing opportunities and encouragement to all of our people so that they can fulfil their full potential.



At Production



In the Marketplace



Our People



Our People



Culture & Training

The Group recognises that people are key to its success and sustainability. One of the core strategic priorities focuses on recruiting, retaining and developing highly talented and committed colleagues who are supported in building a long-term career within the business. This is encapsulated in a term used across the Group – “The People Behind Our Produce”.

The long-term sustainability of the organisation is heavily dependent upon a culture based upon consistently applied core values and behaviours, where colleagues are able to be open and honest about the levels of engagement within the business.

During 2020 the Management of Total Produce approved the Total Produce Employee Culture and Engagement policy. The SSWG are working with the Human Resource personnel to ensure there is processes and initiatives to monitor and continually improve the levels of employee engagement.

Staff Development

As the company has grown across the globe, we've been lucky to welcome new talent from new cultures who work alongside our existing experienced professional colleagues to make us an ever-stronger Group. It has also provided opportunities to our colleagues to work in new markets where they can gain important personal development while helping facilitate the geographical growth of the Group.

Along with locally established programmes, the Organisational Development Director works with the Senior Management and HR professionals to ensure succession plans and talent programmes are in place across the Group. These programmes aid employees in their personal development in addition to providing the Group with talent to meet current and future business needs.

Alongside bespoke leadership development programmes and local management modules, the Groups Key Talent Programme is in its fourth year. This brings together colleagues from around the group to collaborate on projects, develop personal skills and investigate “real life” strategic projects.

Diversity & Inclusion

A strategic priority of the Group is to recognise and develop the talents of the Group's employees. As part of this, the Nomination Committee consider diversity in respect of appointments and succession planning. In 2019, the Committee developed a Board Diversity Policy which was approved by senior management. In addition, the Total Produce Diversity and Equal Opportunities policy, which applies to all Group colleagues, was issued in August 2019.

The Group is committed to the goals of equal opportunity in employment. It aims to provide a work environment for staff that fosters fairness, equity, and respect for social and cultural diversity, and that is free from unlawful discrimination and harassment.

Total Produce is an equal opportunities employer. All appointments and promotions are made on the basis of performance and ability. We are committed to the continued development of the personal and business skills of our employees; that they will be treated in a fair and unbiased way and given every encouragement to realise their potential.

CASE STUDY

“5 Steps” Sustainability Employee Workshops Launched

In Total Produce we count within our number some of the most experienced and talented professionals in our industry. Across our operations our people have expressed extraordinary passion and ever growing interest in sustainability, the environment and how it affects our business and wider communities. In an internal survey 80% of colleagues said sustainability was important to them and 73% said they wanted to work for a company concerned about sustainability. Our people have been explicit about wanting to know more about creating resilience, changing supply change risks and how sustainability makes good business sense.

In 2020 Total Produce embarked on a journey to inspire, educate, train, and collaborate with colleagues across the business to drive forward our ambitious sustainability plans. Its objective is to harness the evident enthusiasm amongst our people to promote a sustainability first culture throughout our organisation.

To this end, we developed a series of sustainability workshops that we called the “5 Steps” programme. The objective was to promote sustainability in all our business units aligning each to a common, shared framework, targeting 5 key areas of focus. Recognising that the full breadth of sustainability-related issues can sometimes seem intimidating, at the heart of the 5 Steps programme lies 5 achievable steps per year dedicated to tangibly improving our

local and Group sustainability credentials. Preceded by the widespread distribution of an introductory video, workshops were customised for local circumstances and have so far been made available to employees in the Netherlands, Ireland, the UK, Nordic and North America.

We believe that by putting in place these interactive workshops we are creating sustainability ambassadors throughout our organisation. We believe we are laying the foundation for sustainable progress year on year and empowering employees worldwide to play an active part in the formation of our sustainability strategy going forward.

CASE STUDY

REDEVA AQRA Programme Seeks To Assist Literacy On Egyptian Farms

Egypt is an important source for Total produce UK, not only to our Redeva strawberry breeding program but also our berry supply chain for multiple business. Egypt has a very low poverty line of 32.5% (CAPMAS 2018) which is closely linked to poor literacy rates. Illiteracy rates rise significantly in rural areas to 37% (CAPMAS 2017).

Throughout our Egyptian grower supply base we found that this percentage in the agricultural worker community increasing to up to 55%, many of whom are women.

In order to empower female workers in our supply chain we embarked with two of our strategic growers to create the Redeva AQRA Programme. Its aim is to assist women working in the fields to gain access to a certified literacy program which will allow them to progress their job

opportunities, reduce their vulnerability in terms of understanding legal documents and allow them to support their children in breaking the cycle of poverty and illiteracy.

Leveraging our local knowledge in the country, we have co-ordinated with the Egyptian Department of Education to provide training materials while the growers ensured that workers were available for class during their normal working hours and were paid their normal working day so that they did not lose out financially. Total Produce paid for Government recommended adult education teachers in this triple initiative.

The project included 240 women from 3 different sites for the first phase and took place in Oct 2021.





CASE STUDY

Total Produce Introduces Employee Assistance Programmes in Ireland and the UK

Mental Health is a critical issue at the best of times and one that has only grown in importance as we as a society and as individuals collectively deal with the fallout arising from Covid-19 and the social isolation and wider implications associated with the pandemic. In Total Produce we are committed to promoting and encouraging Physical, Financial and Emotional well-being for our employees. With that in mind, in October 2020 we introduced the Total Produce Group Employee Assistance Programme across Ireland and the UK - an initiative that is ongoing year on year and dedicated to providing immediate access to a

specialist information portal and fully qualified, accredited counsellors to any Total Produce colleagues in need of further support. This free, confidential resource is administered and operated by a third party and the service is available to all employees and their immediate families.

Launched to coincide with World Mental Health Awareness Day, the Total Produce Employee Assistance Programme provides professional information and support on Personal and Family Matters, Health and Fitness, Babies and Children, Managing Money and Work Issues.

2021 also saw Total Produce's Irish and UK businesses come together to promote our inaugural "Wellbeing Week" to raise awareness of wide ranging aspects of wellbeing including social, physical, emotional, financial, career, community and environmental wellbeing.



Click to
play video

Assuring The Safety Of Our People During Covid-19

The Covid-19 Pandemic has affected nearly every facet of our operations: Food Safety, Worker Welfare, Health & Safety, Production, Procurement, Sales, Distribution and Administration. The challenges associated with the spread of the coronavirus internationally has also, however, brought into sharp focus the true value of what it is that we do; securing the international supply chain, assuring the integrity and safety of the produce we sell and delivering to people everywhere the most nutritious, healthy fresh fruits and vegetables from every corner of the globe. Never has this been more important. That we have succeeded is entirely attributable to the efforts and commitment of our people around the world. Across our operations throughout our first priority, always has been the health and well-being of our people.

Securing Our Operations

On sites across the world, measures have been put in place to ensure best practices are adhered to protect our staff.

These measures included:

- Restricted access to operations.
- Best practice regulations enforced - including social distancing and strict hygiene protocols.
- The installation of thermal imaging cameras and protective screens
- The provision of protective clothing.





CASE STUDY

Total Produce Main Industry Sponsor Of Primetime UK Vegetable Promotion Campaign

In Total Produce, we're all about promoting good health and well-being and finding the fun in fruits and vegetables, so we're very proud to fly the flag for the fresh produce industry by being a main sponsor of this innovative, Eat Them To Defeat Them campaign in the United Kingdom.

Far too often healthy products are overshadowed by less virtuous snacking alternatives on primetime television. The "Eat them To Defeat Them" campaign, with its extraordinary reach- some 43m Britons in 2021, seeks to address this imbalance. Dedicated to using best-in class advertising and in-school programmes to encourage children to eat more vegetables, the campaign places vegetables front and centre on primetime national television, engaging kids in a fun, irreverent way.

Launched during "The Masked Dancer" on the ITV channel on the 12th February, the £3m TV campaign ran through until March 28th and was supported by a £1m above the line and digital campaign supported by Twitter, Spotify, Mumsnet and others and a schools intervention programme that will see 1m children at over 3,000 primary schools receive "Eat Them To Defeat Them" Mission Packs.

EAT THEM TO DEFEAT THEM

Click to
Play Advert



CASE STUDY

Kostministeriet goes Pan-European

Kostministeriet, meaning "the Ministry of Food", began as a market research project commissioned by Total Produce Sweden dedicated to providing deeper insights into what motivates and inhibits consumers from eating more fresh fruits and vegetables. In 2021 its scope was broadened to cover 10 different European countries.

Using a variety of complementary research methods Kostministeriet seeks to get a deeper understanding of consumers than traditional research provides. It is used to support generic promotion of produce, for New Product Development and for category management with retail partners.

10,000 people will be interviewed across 10 European countries; Austria, Germany, Belgium, France, Czech Republic, Denmark, Sweden, Finland, Poland, and the Netherlands,

By garnering a deeper understanding of consumer perceptions of fresh fruits and vegetables our hope is to better meet the expectations of consumers across the continent, driving consumption and promoting better health and well-being.



Click to
View Report

Skala
upp!

Mer grönsaker
och frukt i skolan

KOST MINISTERIET



FREE CHILLI





05/ Economic Overview

Responsible Trading



Governance



Food Safety



Total Produce's role, first and foremost, is securing the fresh produce supply chain- delivering safe, nutritious fresh fruits and vegetables grown to the highest agronomic and sustainable standards, in pristine condition to consumers worldwide. We exist to insulate customers from exposure to risk, to champion best practices and to be an advocate for consumers; meeting and exceeding their expectations.

Because we know that prospects for increasing consumption still further and for our industry in general remain inextricably linked to the implicit trust attached to fresh produce by the consumer and that this trust remains ever contingent on a confidence in the supply chain through which produce is delivered and in the integrity of those from whom it is sourced.

We recognise that inherent in this is a responsibility for businesses like ours to not only adhere to best practices ourselves but to ensure adherence by others. A first step is vigilance- profiling sources and growers and

rewarding those that excel and constructively engaging and supporting partners to bring about ongoing improvements in our shared supply chain. We know too that it is incumbent on us to, by providing the widest and most diverse possible range of fresh fruits and vegetables, inspire and empower consumers to make informed choices and to work with third parties both locally and internationally to collectively promote ever more sustainable production. And we know that by doing this; by being transparent, progressive and responsible, our future will be bright and our business will continue to grow.



Food Safety



Responsible Trading Practices



Governance



Sustainably Optimising The Supply Chain: NoWaste Logistics

True to its mantra that “our name is our promise”, NoWaste logistics, our specialists distribution business located in Sweden, places efficiency at the very heart of its business. Working with customers across multiple branches and segments of diverse industries ranging from fresh produce to hardware, building materials, furniture, and clothes, NoWaste brings state of the art technologies, vast

expertise and long-standing experience to the supply chains. It offers integrated solutions, consultancy services, in-house developed IT systems, distribution, customs clearance, and transport making it one of the leanest third-party logistics companies in the business. Nowaste Logistics operates twelve terminals and has more than 500 employees in Helsingborg and its surrounding area.



SRS pallets

Environmental benefits in the transport segment are often linked to transport distances and choice of fuel. However, other components in the transport segment can contribute to major environmental gains when improved. As Nowaste works together with external parties in road and rail transport, influence on transport distances and fuel is moderate. Therefore, in 2022 it was decided to actively improve other elements that can be influenced, specifically the platforms the goods are transported on. At one of No Waste's largest terminals, the euro pallet has always been part of our processes. However, a better alternative, offering a longer life cycle and lower weight, specifically SRS pallets was identified. It is a plastic pallet with steel reinforcement, made of 100% recyclable material. The change of load carrier has resulted in an annual reduction of greenhouse gases by 48 tonnes. The estimated lifecycle is 15 years and can be used more than 100 times.

CASE STUDIES IN SUSTAINABLE LOGISTICS

Solar panels

NoWaste warehouse, “T1” extends over 48,800 square meters has been constructed to maximise efficiency. Heated by heat pumps and underfloor heating, the property is built with extra wide walls to counteract heat emissions and the lighting is divided into zones that are controlled by motion detectors. The ventilation units are equipped with heat recovery and energy efficient fans, the result of which is that the facility's consumption of heat energy is only 5.4 kWh per square meter per annum. By way of a benchmark, the Swedish National Board of Housing, Building and Planning's general advice on energy declaration for warehouse buildings is between 115–125 kWh per square meter and year. In 2021, we installed solar panels at T1. The panels produce approximately 250 000 kWh per year. It gives an emission saving of 1 476 175 kilograms of carbon dioxide.

GROW

NoWaste's most important resource, across all categories, is its employees. To unlock the full advantage of being the global leader in fresh produce NoWaste works to bring the people of the wider Total Produce organisation together under one strategic vision. NoWaste believes that by engaging and empowering its people, collectively employees can deliver our strategic vision across our businesses. It is NoWaste employees who decide whether we can deliver what we promised our customers and consumers. For NoWaste as an employer, this ambition means we strive to always create the best possible conditions for employees, so that they can feel safe and satisfied in their everyday life and develop in their professional role. GROW is our meeting place and the hub of our health and education work within our operations. An important success factor for us as an employer is the ability to adapt to contemporary changes so that NoWaste attracts the right employees and make them feel comfortable, develop, and stay with us. It was on this basis that GROW was started in 2018. The aim is to develop the people, the community, and the culture within the group. We believe that if we take care of our employees, our employees will also take care of our company. As a concept, GROW has three important parts: health, education and providing the opportunity for meetings and knowledge exchange between the employees within our group, whether they work in a terminal or an office, at any company or any position.



CASE STUDY

Total Produce Roles Out “Insight” Sustainability Risk Profiling App

The global fresh produce supply chain is complex, and sustainability is an involved, intricate, and flourishing sphere that encompasses many factors from climate change to human rights. These factors are vitally important to our customers, consumers, investors and within the communities in which we live and work.



Developed in 2020, the Total Produce Insight App is a dynamic intelligence tool that aims to empower buyers, procurement experts and managers with an immediate, effective, and powerful route to identify sustainability risks within the global fresh produce supply base.



Introduced alongside our 5 Step Sustainability training programme, the Insight App is a quick, simple, and efficient interface that simplifies a comprehensive database using 20 publicly available data points to profile 51 countries on the basis of key sustainability related metrics.

Types Of Sustainability Risks Profiled

THE APP RECOGNISES THREE DISTINCT AREAS OF RISK-

Environmental Risk

Defined as the actual or potential threat of adverse effects (physical, chemical, or biological) on communities and the environment (soil, water, air, plants, and animals). The Insight risk assessment tool uses environment data from nine publicly available data sources to provide a comprehensive country risk assessment.

Ethical Risk

Defined as the often unexpected and negative consequences of unethical actions. These risks involve regulatory violation, corruption, modern slavery, labour abuses, and human rights in the workplace and in the supply chain. The Insight risk assessment tool uses ethical data from eight publicly available data sources to provide a comprehensive country risk assessment.

Other Risks

These risks concern financial and political stability and more importantly the countries commitment and progress against United Nation's Sustainable Development Goals. The insight risk assessment tool uses data from three publicly available data sources to profile potential risk in these areas.

Our Traffic Light System

Using the familiar and established traffic light system, Insight guides the user swiftly by country to essential and definitive information regarding a source's potential sustainability risk, so informed and better decisions can be made for our customers and consumers.

OBJECTIVES-

- 01 To heighten awareness of sustainability as a critical factor in source and supplier selection.
- 02 To empower buyers to make informed choices when selecting suppliers and assist in addressing identified risks.
- 03 To direct resources towards global sources associated with the highest potential sustainability related risks.
- 04 To encourage and facilitate buyers to engage with suppliers to affect real change on the ground.



Food Safety And Quality Is Our Priority

As a global fresh produce leader food safety lies at the heart of everything we do. It is fundamental to our business model that we maintain the highest standards of food safety throughout our entire supply chain, ensuring our produce remains safe, fresh, and wholesome from field to fork. It all starts with systems and processes enabling full traceability from the point of production to the customer. Our business has robust, explicit procedures for checking compliance against all local and national legislation and customer specific codes and standards, always ensuring that the fresh produce we market is safe and consistent in quality. Our technical terms of trade and policies outlines the steps required by every grower, supplier, and operating site. Our terms and policies cover food safety risk management, minimum standards for third party audit accreditation both ethical and GAP (Good Agricultural Practice), chemical control and sustainability.

When selecting new suppliers, we set high standards for food safety and quality and have detailed onboarding and grower approval procedures. We conduct formal risk assessments on suppliers and visit growers to support and collaborate with them to maintain standards and continuously improve work practices and processes. Compliance with the Global Food Safety Initiative (GFSI) is a minimum requirement for all operating sites, and we require suppliers to be accredited to the BRC Global Food Standard or a GFSI-equivalent standard, and their certification status is monitored as part of our ongoing compliance procedures. We also undertake our own internal food safety audit checks, carry out hundreds of traceability challenges every year and have extensive testing programs to manage chemical residues and microbiology. All results positive and negative are followed up and learnings are shared with customers and growers to further improve quality and safety.

To further ensure the integrity of our produce we have clear procurement protocols in place for managing fresh produce cultivated in a countries associated with elevated risk through our risk assessment procedures. These risk assessments are designed to identify and manage wider food safety issues, sustainability and ethical practices that may challenge the norms we are used to. In such cases additional third party ethical or sustainability auditing is necessary, along with plans and evidence to prove that our technical terms and policies are not only met but are maintained and surpassed.

For Total Produce, food safety is non-negotiable and top priority. It is however a collaborative effort that starts with growers of excellence and an integrated supply chain focused on food safety and quality from beginning to end. Sharing the same standards, procedures, and values throughout the value chain allows us to provide our customers and the final consumer with the very best, safe, healthy, and nutritious fresh produce.



Promoting The Best Of Local

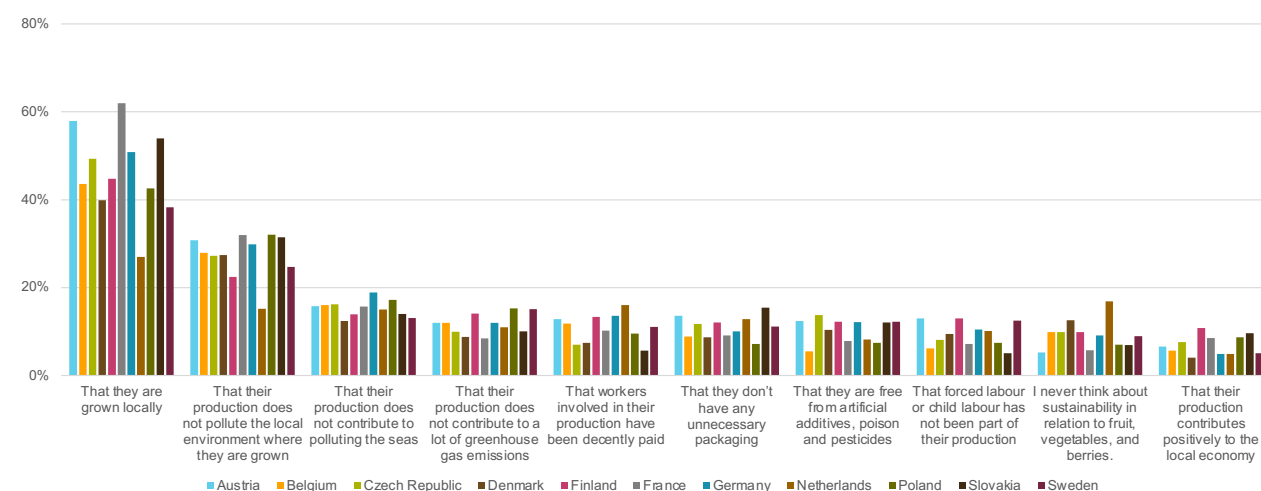
Local at Heart, Global By Nature, in Total Produce we recognise the importance of local fresh produce; the contribution it makes to local economies, the employment it creates, and the environmental dividends arising from the reduction in food miles and associated Greenhouse Gas emissions accrued by choosing local.

We understand too, that for many consumers, local produce is preferred on the basis of taste, freshness and an appreciation of the efforts of local farmers and the challenges they sometimes face.

Total Produce's 2021 research project, Kostministeriet (see page 49), has brought into sharp focus just how important European consumers believe it is to buy local produce, wherever possible. In fact, the results show that "local" is the most important sustainability consideration identified by some 10,000 respondents across 10 different countries.

Local production more important than pollution and climate change when consumers consider sustainability

Sustainability (1/3)



KOST
MINISTERIET



Grá - Local at Heart



Click to play video

Steglinge Gard



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By virtue of our global reach and on-the-ground infrastructure in the markets in which we operate, Total Produce has succeeded in developing an unrivalled network of local growers- some of whom we have been working with for generations.

Across each of our markets, we commit to putting "Local Produce First"; prioritising locally grown produce where it is available, commercially viable and environmentally responsible to do so. We undertake to provide, where possible and practical, agronomic assistance to help local growers achieve the quality standards and accreditations necessary in the modern marketplace, financial, logistical and operational support to ensure local produce reaches local consumers in pristine condition and the commercial, marketing and promotional expertise and resources necessary to place local produce at the heart of the portfolio of produce we present to customers across our international operations.



CASE STUDY

Working With Growers In The UK

In Total Produce we are committed to providing the very best conventionally grown fresh produce in accordance with good agricultural practice and compliance to industry standards for agronomy and ethical practices. Alongside our growers we follow a process of continuous improvement, never standing still, always looking to go one better. Throughout the process our agronomists, quality control teams and technical experts collaborate and network- bringing to the table broad experience both at a local and global level and sharing insights into the supply chain, customer and market requirements and ever-evolving innovations.

We always have the ambition to go beyond industry standard and we support programmes that challenge the status quo. In the UK our partner berry growers have now progressed responsible cultivation, production methods and procedures to achieve the LEAF (Linking Environment and Farming) standard. LEAF is a sustainability programme focussed on an IFM (Integrated Farm Management) whole farm business approach that uses the best of modern technology and traditional methods. Proud to be part of the LEAF network as an advisor member, the network links farmers to a wide array of technical support from industry specialists to academia. Our conventional UK berry growers have achieved LEAF Marque status. This demonstrates our growers on-going commitment to environmentally sustainable production, continuous improvement and performance measurement- assuring consumers that their food has been produced to high standards of environmental care.

Conventional practices are improving all the time, sustainability processes like IPM (integrated pest management) and IFM and collaboration with growers, the food industry, academics, and consumers means that the gap between sustainable conventional and organic is growing ever closer. Through continued support, guidance, continuous improvement and inspiration, sustainable farming methods will enrich the environment and provide prosperity for the growers their families and communities. In Total Produce we work to support all our UK farms to work towards and ultimately achieve this standard.



International Sustainability Partners to Total Produce Group And Subsidiaries





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