Annual Review 2021/2022

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Chairman's Letter

As the country mourned the sad passing of Queen Elizabeth II, I would like to acknowledge the long relationship she had with the Trust.

Her Majesty The Queen visited the Eden Project on two occasions, the first in 2006 to open The Core building and then in June 2021 when Eden played host to the G7 leaders. On that day, the Queen was accompanied by Their Royal Highnesses the then Prince of Wales, the Duchess of Cornwall and the Duke and Duchess of Cambridge. After greeting the world leaders, The Queen, the Duchess of Cornwall and the Duchess of Cambridge attended a private Big Lunch event at Eden to meet two dozen local people who had done remarkable work during the COVID pandemic. The Queen was in fine humour that day, and as she left us to get the train, we now reflect that this was the last event she attended in Cornwall.

The G7 visit marked a key moment for Eden. The government's choice of the Eden Project to host a reception and dinner was designed to send a clear message that the world's leaders recognised the realities of climate change and the ever-increasing loss of biodiversity and that urgent action was required by all to avoid planetary disaster. It also demonstrated the value of the stage that Eden offers through its architecture, its gardens and its brand, that allows others to drive positive transformation.

Eden, now coming of age at 21, emerged from a period of interrupted trading caused by the pandemic and focused on the planetary emergency with renewed vigour. Eden took a stand at the COP 26 held in Glasgow. Amongst a vast array of hastily assembled traditional business stands, Eden's colourful exhibit drew audiences like butterflies to a buddleia. Designed in a school competition by the Harris Boys Academy of East Dulwich, adapted to the space by Grimshaw, and built out of recycled materials by

the apprentices of Sir Robert McAlpine,
Eden presented a Cabinet of Climate
Curiosities that drew politicians, business
people, activists and journalists from all
over the world.

At another vast international assembly, Eden was commissioned as the lead designer of the main Sustainability Pavilion at the Dubai Expo 2020. Postponed during the pandemic, the Expo was eventually attended by 23 million people during the six months to March 2022. Working with partners Grimshaw, the building, named Terra, was self-sufficient in energy and water and Eden Project International co-led the landscape design and visitor experience for the Sustainability Pavilion at Expo 2020 Dubai (which ran from October 2021 to March 2022). The Sustainability Pavilion is a demonstration of groundbreaking technology and innovative landscaping, providing an extraordinary adventure that explores our individual and collective responsibilities as citizens on a changing planet.

Visitors journeyed through a series of immersive galleries, exploring under the

ocean and beneath the forest to discover the wonders of the natural world. They witnessed how these wonders are consumed by systems that are driven by our own lifestyles and choices. Finally, they encountered approaches and ideas that will help regenerate the beauty of our planet.

The two-year pandemic forced us to make changes to the operation of the Eden Project in Cornwall, including the use of timed ticketing. The system brought benefits for the visitor as well as helping Eden to reduce its costs. Together with extraordinarily high levels of tourism in Cornwall, these measures allowed Eden to deliver its best performance in its 21-year history. The Eden Sessions, the popular series of music concerts traditionally held in the early summer, had to be delayed to the autumn. Where else could you see Ben Howard, McFly, Royal Blood, Snow Patrol, the Script and IDLES in the space of just a few days? After such a long time during which artists couldn't perform and audiences couldn't gather, it was no surprise that 6,000 people emerged

very happy from each of those wonderful evenings.

The strong trading performance allowed Eden to recover from the losses incurred in previous years and to engage in investments, both in Cornwall and elsewhere, that had been deferred. The Trustees and the Eden team are now determined to drive change through building the relationships between people and the natural world. Plans are in play for developing sites in Morecambe, Dundee and farther afield, and the team has been strengthened. Rob Chatwin was appointed as Group CEO in January 2022, and Dawn Wilding as CFO in October 2021. Both come with rich pedigrees, and Rob brings extensive experience in delivering transformation on a global stage.

My thoughts return to The Queen.
Throughout the year, and kicked off by
The Queen's visit in June 2021, the Eden
team worked with the royal households
to deliver the biggest-ever Big Jubilee
Lunch, bringing people together as part
of the celebrations for HM The Queen's

Platinum Jubilee. All the hard work in planning and preparation took place during this financial year, but I can now record that over 17 million people across the country took part in the Big Jubilee Lunch in June 2022, almost a year since the Queen's visit to Eden.



Edward Benthall, Eden Trustee and Chairman of the Eden Trust

Highlights

The Eden Project is one of the world's great botanical gardens, a year-round destination with a vibrant series of events, activities and exhibitions for all ages.



Eden Universe

The Eden Universe project set out to ask whether 5G technologies could enhance Eden's visitor experience onsite as well as online, and whether a digital offering could increase our audience reach. Part of the Department of Digital, Culture Media and Sport's (DCMS) 5G Create Testbed and Trials programme, it ran for seventeen months from November 2020 to March 2022.

Eden Universe was managed by a consortium of four partners comprising the Eden Project, aql, Marshmallow Laser Feast, and Meta Camera. The project developed four different trials that covered Visitor Experience, Education, Health & Well-being and Art & Culture.

The project team created bespoke digital experiences for each trial group, including augmented reality in the Rainforest Biome, a virtual tour of Eden featuring live 360° cameras, a livestreamed musical wellness experience in the Rainforest Biome and live data dashboards displaying environmental conditions and sustainability information at Eden. The trials took place with visitor groups at Eden and online, in schools across Cornwall, care

homes around the UK and an online arts and culture audience. The project was deemed a great success by DCMS. Much was learnt by the partners and the team achieved a few 'firsts' in terms of the technology developed.

> Eden is now developing and exploring how the trials and content developed can be offered across different audience groups. We have launched an updated version of the virtual tour on our website, which includes the live 360° cameras, and are updating the online augmented reality experience for online and use by our Schools Team. We intend to build on the data dashboards in the near future to inform our teams and create a new interactive exhibit in the Core building. We also believe there is a great potential for live broadcasts and online performances in the Biomes and are pursuing ideas with relevant

What has been learnt from the Eden Universe project and the legacy to follow can be considered for all future Eden Projects.

teams.







As the Official Automotive Partner of the Eden Project and the Eden Sessions, and reaffirming its commitment to electric-only car manufacture by 2030, Volvo Car UK launched its first-ever Pure Electric Test Drive Hub at Eden in February 2021.

The initiative is part of Volvo's three-year partnership with Eden, which hopes to tackle some of the challenges and barriers of buying and driving electric cars and accelerate the uptake of zero-emission vehicles. Volvo has provided Eden with a fleet of Volvo XC40 Recharge pure electric vehicles to support operations.



COP26

The Renaissance concept of a cabinet of curiosities was updated by Eden for COP26 as a call to arms to regenerate our fractured planet. Located in the Blue Zone in the Scottish Exhibition Centre, the Eden Project Pavilion was a showcase of objects that represent the urgent transformations required, which in turn have nurtured an ecosystem within the dome. Plants climbed up and in through the cracks as biodiversity once more returned. Harnessing the geodesic design reminiscent of the Eden Biomes, this time its panels reflect the planetary crisis we have entered. The structure, designed by Grimshaw and fabricated and constructed by Sir Robert McAlpine, used only materials that have been grown, reused or recycled.

The 'cabinet' contained a diverse collection of objects, artworks, media, models and installations from automata and planet-positive artworks to augmented reality and immersive media that reveal the invisible worlds around us, as well as geothermal drill bits and solar energy trees that speak of an end to fossil fuels.

The Pavilion asked those attending COP26 to consider their connections and shared responsibilities: not as delegates of nationstates, but as Earthlings wholly dependent on the health of this planet.







Oi Earthling!

As well as attending COP26 in person, Eden set drones dancing in the night sky above the Biomes imploring world leaders to act now to combat climate change and global heating. The resulting film sees almost 300 solar-charged drones form a shape-shifting display, transforming from a blue planet to its earthlings, finally forming the words 'Oi Earthling! Act Now!' to remind delegates that a good planet is hard to find.

The piece was a collaboration with display company Celestial and Volvo Car UK, and you can view it on Eden's YouTube channel youtu.be/MLhN7jqG6GE







Summer 2021: Summer of Celebration

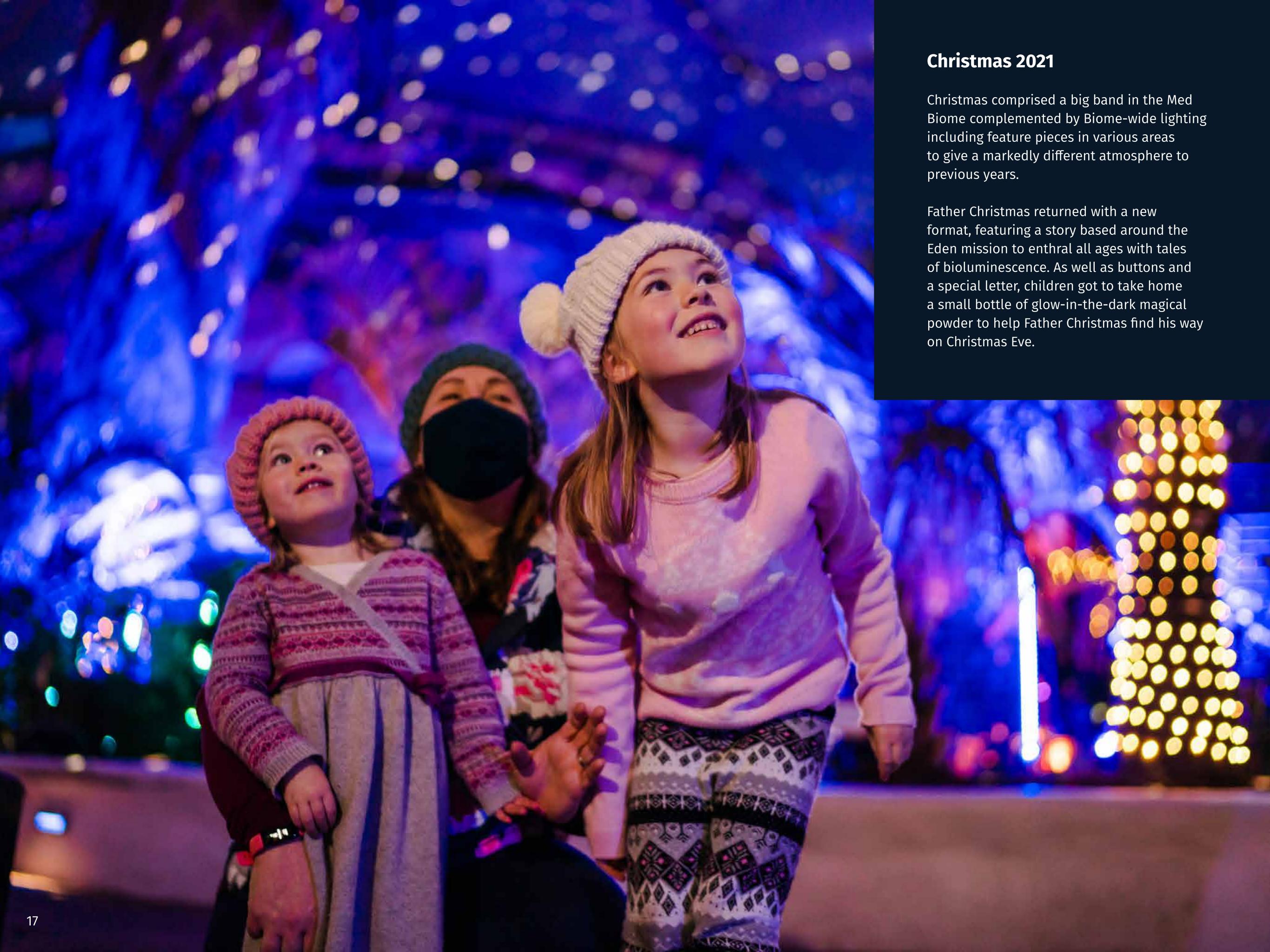
We received a Cultural Recovery Fund (CRF) grant to support restarting live performance across site. Our intention was to explore new ways of delivering storytelling and shortform content. More specifically, we wanted to explore:

- programming work that speaks to and about environmental issues and the climate emergency.
- commissioning relevant and diverse work made by British creatives who have a connection to the four parts of the world represented in the Rainforest Biome (tropical South America, West Africa, tropical islands, South-east Asia).
- supporting the local creative ecology by programming and contracting creatives with a connection to Cornwall.
- work that is visually and aurally bold and able to communicate with audiences in an often busy, 'outdoor' environment.
- work that has some flexibility in its staging and can be adapted to be performed under changing COVID guidelines.
- work that would appeal to a broad family audience across the summer.

We were able to commission a rich programme of work that met our objectives from over 30 freelance creatives, including Vanessa Kisuule, Urban Playground Group, Mandinga Arts, Light Theatre, Hall for Cornwall Young Artists Programme, Wendy Shearer and a local group of jazz musicians.

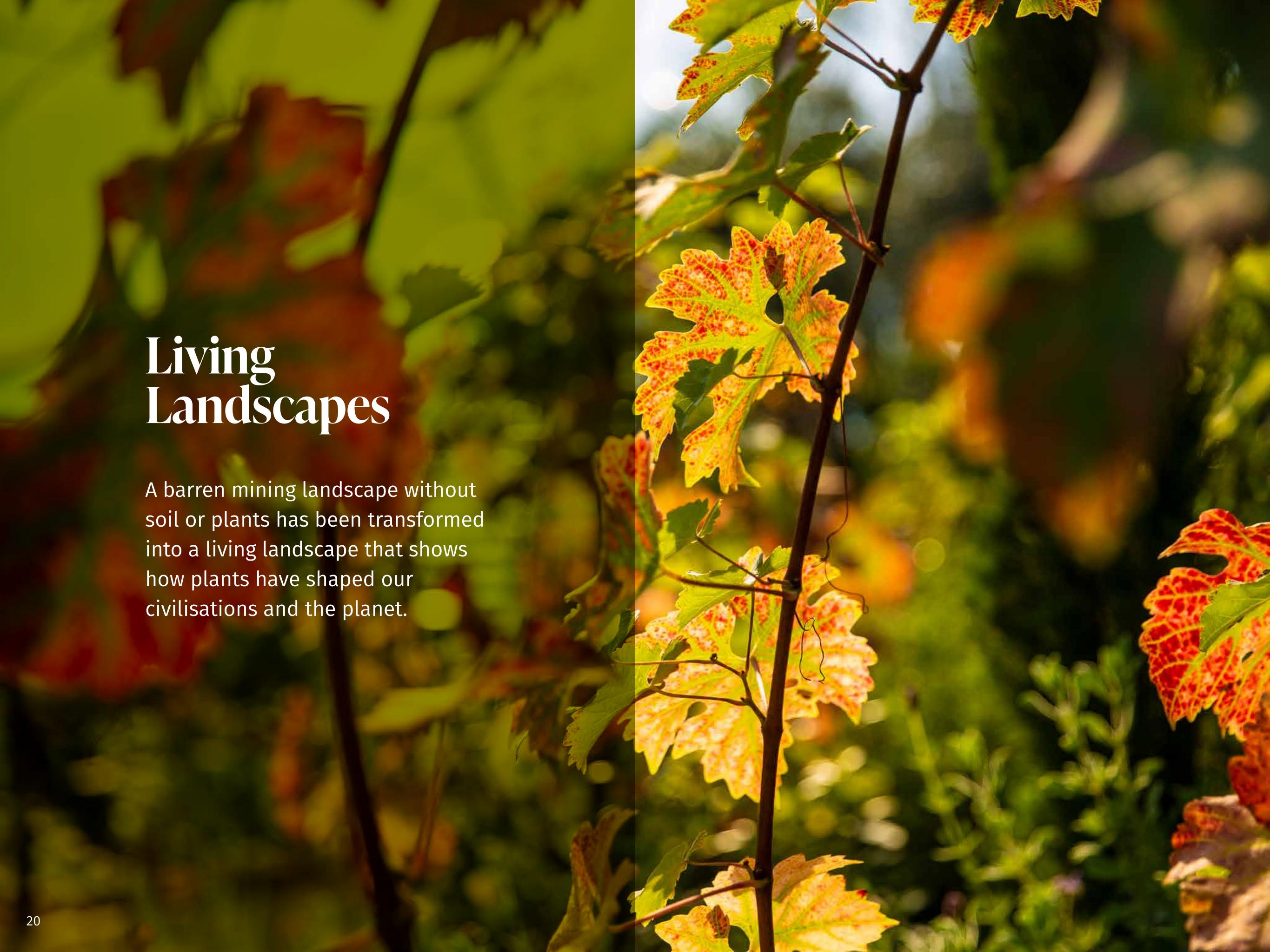
The programme was supported through a robust, mainly digital marketing campaign, which also included out-of-home activity around Cornwall. We also worked with microinfluencer platform Tribe for the first time and ran a successful campaign with ten influencers visiting over the summer, reaching 44k people.











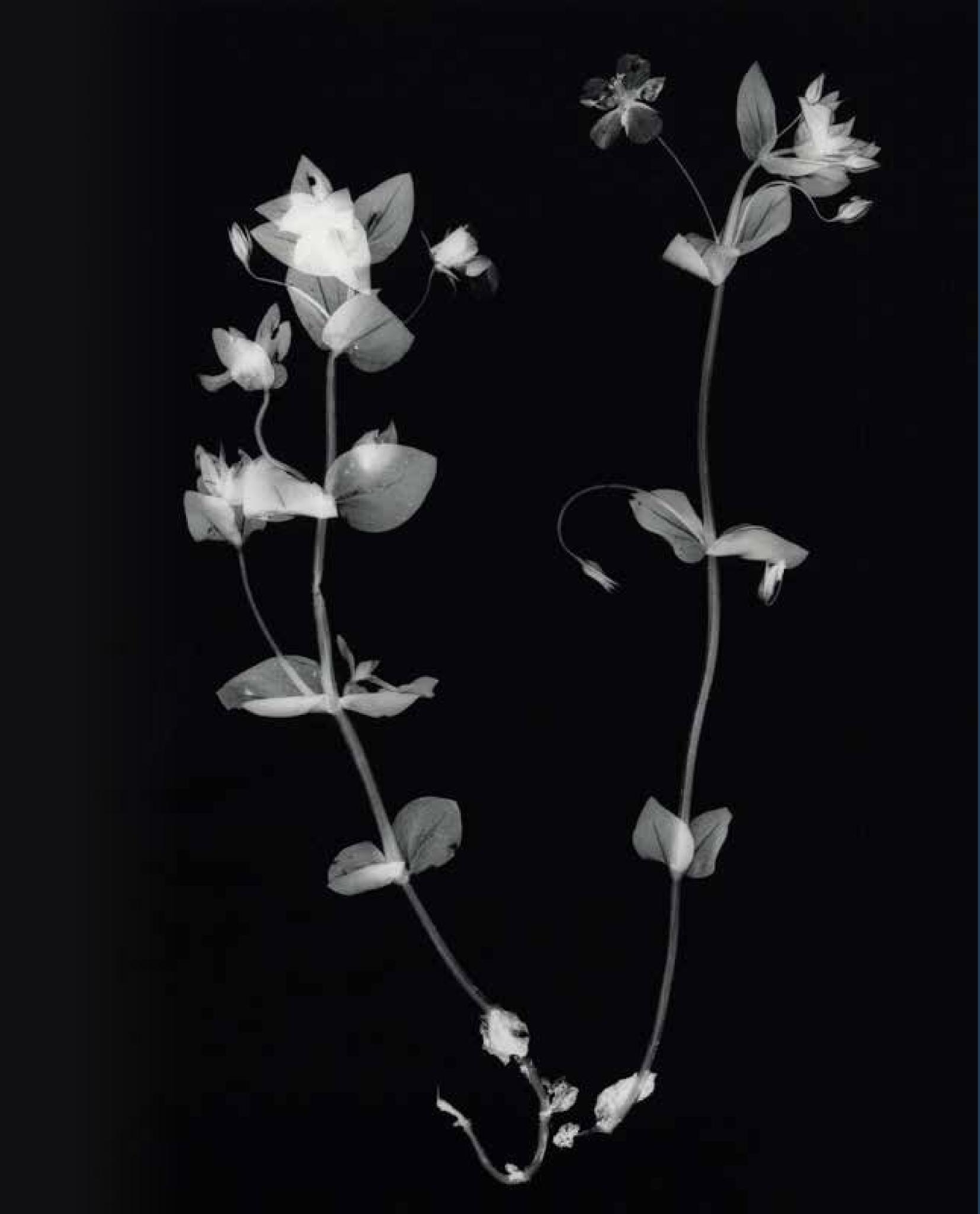




Arts

In 2020, as the Covid-19 crisis took hold, we witnessed a public celebration of the value of creativity, community and the natural world. So, while Eden's onsite arts, community and education programmes were cancelled and our doors shut to the public, we launched an outdoor and digital arts programme funded by the Arts Council England. To support our audience to reconnect with themselves, each other and the world around us.





Radical Botany online

While our temporary exhibition, *Radical*Botany, was closed to the public, contributing artist William Thomas Arnold brought us
Quarantine Herbarium, a postal and online community-participation project to record plants on our doorsteps. The aim of the project was to combat plant blindness – the inability to see or notice the plants in one's own environment – using the simple but beautiful cyanotype photographic process.

Another contributing artist to *Radical Botany*, Laura Silburn, gave a talk and introductory workshop on the Florilegium Collection and the meditative joy of botanical illustration.

ARTiculation Discovery Workshops

Students from the St Austell Learning Bay Partnership were invited to five 45-minute online workshops to learn about the art collection at Eden and develop their own interpretations and responses, supported by Eden's Curator and Education teams.

ARTiculation is a nationally acclaimed artsbased public speaking initiative for 16–19-yearolds, facilitated by the Roche Court Education Trust, New Arts Centre.

Art, Ecology, Emergency

Exploring the intersections of artistic practice and ecology, this two-part digital symposium brought together artists, producers and academics to share their experiences and their research.

Kitchen Cultures Initially conceived as a tour of some of the UK's migrant communities to collect and share recipes, artist Kaadjol Modia and chef Fatima Tarkhan's project was swiftly adapted for virtual spaces when the pandemic struck. Kitchen Cultures offered a series of live online cooking lessons, developing new takes on traditional fermentation/preservation processes (jam, kimchi, sauerkraut), new recipes for leftovers, while initiating conversations about ecological, human and microbial cultural diversity.









Education

Education is at the heart of what we do. We offer learning opportunities from preschool to degree level and beyond to connect people of all ages with the natural world and help them to understand their place within it. We also provide leadership programmes for businesses and community training for people who want to roll up their sleeves and make a difference.



Schools

We believe that learning should connect us with the living world and with each other.

Our approach is active, immersive and nature-based.

School visits return

Following the easing of Covid-related restrictions on school trips on 12 April 2021, schools slowly returned to Eden. New offers for schools include live online programmes from our classrooms and Biomes which allow us to engage with schools that are geographically remote or unable to travel. New on-site programmes included Climate Club, a primary school workshop about children taking action in their schools. Between September 2021 and March 2022, school visits were up to 66% of prepandemic levels for a comparative period. However, in particular, passport and visa restrictions related to Brexit have reduced the number of overseas visitors.

Teachers Leading Change

Teachers and school leaders representing 23 schools and 9,000 pupils successfully completed our programmes, which support teachers to lead change for sustainability and to develop transformational outdoor learning in their schools and settings. Action-oriented projects coming out of the course include a longitudinal approach to surveying and improving the school grounds for biodiversity at Pencalenick School in Cornwall. Walverden Primary School in Lancashire has made use of wasteland adjacent to school to create and develop a green garden space that the school community can use to grow produce, encourage wildlife and enhance the children's relationship with the environment.





Apprenticeships

In 2021/22 we began working with a new distance-learning training provider alongside our current college partnerships. This allowed us to add two new apprenticeships to our existing offer, Junior Content Producer and Junior Sustainability Manager. Eleven new apprentices started in September 2021, bringing our total to 20 in diverse roles which cover all aspects of Eden. They are supported by monthly Sustainable Enterprise sessions where they work with a range of Eden's experts to deepen their understanding of how their individual roles relate and interlink.

Horticulture 9
Business Admin 3
Electrical/Engineering 2
Chefs 2
Events 1
Internal Comms 1
Sustainability 1
Finance 1



Eden Project Learning

Provision of university-level courses at Eden continued to grow in 2021 with more than 200 students studying degrees in horticulture, plant science, sustainability, and ecological restoration. The proportion of postgraduate courses increased significantly, and Eden Project Learning became the first and only provider in the UK, if not the world, of a Master's-level apprenticeship in ecology.

Apprentice Ecologists work for employers nationwide including Natural England, the Environment Agency, the Woodland Trust, local government, and ecological consultancies. Apprentices follow a blended learning programme, both online and at Eden on intensive residential field courses, to develop their practical knowledge and skills.

Horticulture, Plant Science, and Garden and Landscape Design (undergraduate degrees) **121**

Sustainable Tourism and
Sustainable Event Management
(undergraduate degrees) 30

MSc Land and Ecological Restoration **16**

MSc Sustainability 22

L7 Ecologist Apprenticeship 22



HotHouse

HotHouse is a set of creative leadership and cultural change programmes that work with individuals and organisations to inspire, lead and facilitate transformational change. HotHouse enables people to access new ways of thinking, feeling and doing that are fit to address the vast, complex and interconnected challenges of the 21st century. It is a place to share stories, incubate ideas, explore our relationships with each other and the natural world, and ultimately inspire current and future leaders to do things better. The programmes have the natural world at their core, encouraging participants to build richer relationships with nature and each other for the common good.

In response to the pandemic, we designed and delivered a programme for a group of NHS leaders in 2021, and as a result we've been asked to a design a programme for the Florence Nightingale Foundation as part of their leadership training programme.





The Big Lunch

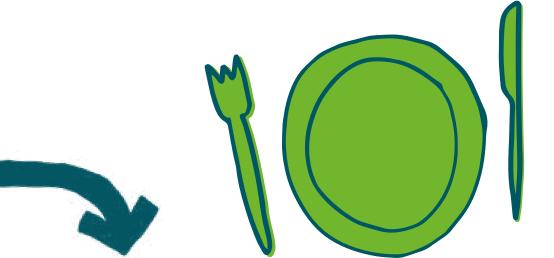
The Big Lunch, our flagship programme made possible by The National Lottery, was a vital moment of reconnection following 18 months of pandemic lockdowns and restrictions. Nine million people in communities across the UK gathered to share friendship and fun safely online, on the doorstep, over their fences and in their streets. **thebiglunch.com**



BRINGS PEOPLE TOGETHER

OVER 1M **BIGLUNCHES**

took place all over the UK since THE BIG LUNCH began in 2009



people took part in THE BIG LUNCH in 2021

77% of attendees said THE BIG LUNCH WAS JUST WHAT WAS NEEDED after more than a year of Covid;

of attendees now feel closer to their neighbours

BUILDS COMMUNITY

-6.4M-

new friendships were made as a result of THE BIG LUNCH this year



6.8M people feel they belong more in their community after going to a BIG LUNCH

79% SAY THAT THE BIG LUNCH HAS HELPED CREATE A STRONGER SENSE OF COMMUNITY SPIRIT,

MAKES A DIFFERENCE

£7.4M WAS RAISED AT BIG LUNCH EVENTS, 77% OF WHICH WAS FOR LOCAL CAUSES OR CHARITIES



- 6.6M people say -THE BIG LUNCH helped them feel less lonely

75%

say they're more likely to get more involved in community activities

78%

feel THE BIG LUNCH had a positive impact on their community



Virtual Community Camp

Following on from the success of the first
Virtual Community Camp in March 2021
(a response to the pandemic), the Eden
Communities team ran a further Virtual Camp
in the autumn of 2021 featuring inspiring
presentations from experts and practitioners
from across the UK. Online Camps have
demonstrated particular benefits around
inclusion and reach and will feature in the 2022
Camp programme alongside two face-to-face
Camps.



Festival of Discovery 2021

Hot on the heels of the COP26 discussions in Glasgow, The Festival of Discovery returned for a second year to explore the impact of community power and climate action. The jam-packed programme of over 70 sessions included the likes of Sir David Attenborough, E.O. Wilson, Alistair Campbell, Vanessa Nakate and Safia Minney among hundreds of amazing speakers exploring what we could all do 'Together for our Planet'. The virtual Festival was attended by thousands both across the UK and globally.





Deep Roots, New Shoots: under-5s at the Eden Project

Despite the pandemic, we were able to offer vulnerable families in Cornwall high-quality, nature-based play at the Eden Project thanks to funding from the Masonic Charitable Foundation and through partnerships with local charities. Whenever Covid restrictions allowed, bespoke sessions, which included transport and a healthy meal, enabled children under 5 to visit Eden for developmental learning experiences. Between March 2020 and March 2022, we hosted 155 visits through partner charities and a further 119 through social prescribing referrals.

During the lockdowns, digital resources were created and premiered through Eden Communities' Facebook Page for early years a shared with families at home. 'Explore and Talk' suggested ways to incorporate noticing and talking into daily walks; 'Music O'clock' shared songs about Eden and nature; 'Foraging and Cooking Together' encouraged families to get outside and engage with nature as a source of free food. Meanwhile, our 'Explorer kit' provided tools for learning at home or on a self-led visit to Eden when group activities were not possible.

Since June 2021, Eden has re-established its Early Years programme, running weekly sessions for children from 8 weeks to 5 years old, including Yoga Buds, Music in the Med and Little Eden.



The Youth Environmental Service (YES)

The Youth Environmental Service is a new programme being incubated by Eden. It aims to create new pathways for diverse and disadvantaged young people to embark on a green career, with year-long paid work placements at environmental organisations across the UK.

Since starting in July 2021, the team have worked with young people, environmental organisations and experts to develop exciting new plans for how this would work in practice. This has led to the opportunity to support the Heritage Fund and Groundwork UK's New to Nature programme, acting as a pilot.

From here, we're looking to refine our plans and grow support, partnering with organisations across the sector to build towards a long-term transformation for young people who want to do great green work.

70 placements being created in 2023

More than **125** organisations and individuals engaged with during the programme design

CARBONCAPTURE

BERGGRUEN INSTITUTE
YOUTH ENVIRONMENTAL SERVICE UK





Youth Environmental Service





Nature-connection to support better health and well-being

Funding from the Contain Outbreak Management Fund enabled Eden and other charities and organisations across Cornwall to support people during and after the pandemic. Eden's Community Health Champion supported local NHS services in delivering the vaccination programme, helping people overcome vaccination hesitation and connecting them to other services. Additional funding through a partnership with Volunteer Cornwall, Cornwall Wildlife Trust, Newquay Orchards, Nature Connects, Battling On, and the CHAOS Group, enabled the Eden Project to develop 'Revive, Regroup, Rewild', a programme of activities to reconnect with each other and nature safely in small groups. Activities incorporated the New Economic Foundation's Five Ways to Wellbeing. Participants were encouraged to be more active and learn about nature by walking, foraging, the arts and supporting the work of the National Wildflower Centre.



Vounder Therapy Garden

For much of the financial year 2020/21 the Vounder Therapy Garden was literally under wraps because of Covid. Before leaving for lockdown and a new position elsewhere, the Horticultural Therapist covered the nodig veg beds with cardboard, compost and Mypex (ground cover fabric) to keep the weeds down while the virus ran its course.

In June 2021, Eden appointed two new Horticultural Therapists who rolled back the Mypex and opened up the garden to new participants with a range of health problems. As part of Eden's social prescribing programme, funded by Healthworks for Cornwall, some people were introduced to the garden via their GPs and housing associations and others 'self-referred' after finding out about the various courses they could undertake. As well as introducing people who had never gardened to the joys of vegetable growing, the garden and staff were approved by the Royal Horticultural Society to run the RHS level 1 in Practical Horticulture. The first participants enrolled in October 2021.

The team was also awarded a Veteran's Foundation grant to run two Defence Gardens Scheme programmes in 2022/23. These nature-based therapy programmes will be offered exclusively to veterans and service leavers.

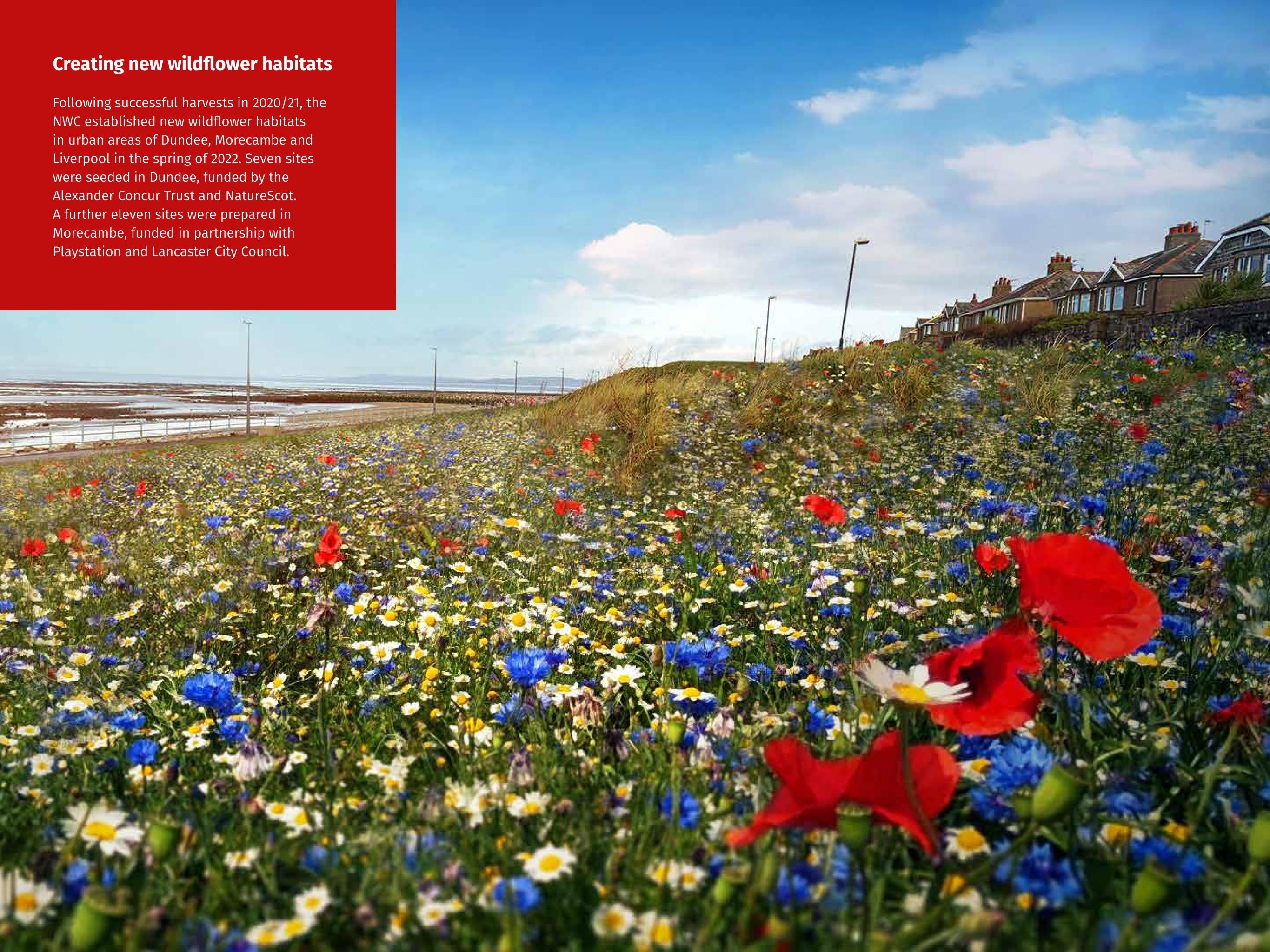
A successful end to the year following an exciting and busy new start for Vounder Therapy Garden.





















Eden Project North

Following years of development and extensive community consultation planning permission for Eden Project North in Morecambe was granted in January 2022.

The project's shell-like domes will be constructed from timber and covered in a flexible transparent membrane featuring integrated solar cells. These four shells will be set in a 'dunescape' of landscaped roofing planted with coastal vegetation. Public access to the promenade running around the edge of the site will not be affected and access to some outdoor gardens will also be possible without buying an admission ticket. RNLI access will also be unaffected.

With planning permission granted, securing funding for Eden Project North is the next priority. Eden has submitted a business case to the UK Government, asking for a £70m public investment in the £125m project. The business case shows that this investment would be paid back many times over in economic benefits for the region. Eden Project North would directly employ more than 400 people, with an additional 1,500 jobs supported in the region, and inject £200m per year into the Northwest economy.

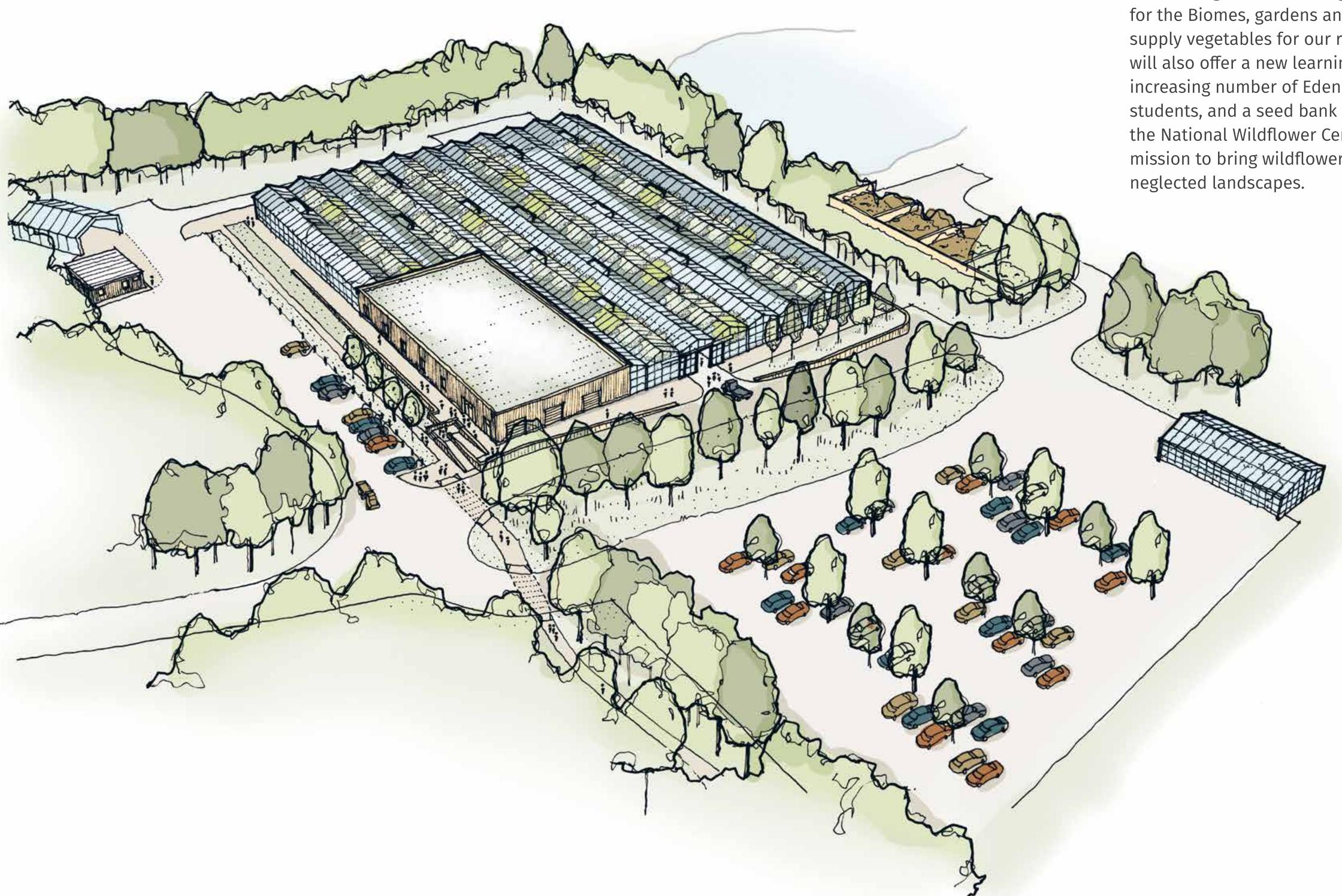




A new nursery for plants

from Watering Lane Nursery near Pentewan up to Bodelva. Situated in a former car park in the Eden estate, this new state-of-the-art glasshouse will grow plants for the Biomes, gardens and shop, and supply vegetables for our restaurants. It will also offer a new learning centre for the increasing number of Eden horticulture students, and a seed bank that will help the National Wildflower Centre achieve its mission to bring wildflowers to Britain's neglected landscapes.

Eden is finally moving its nursery facilities









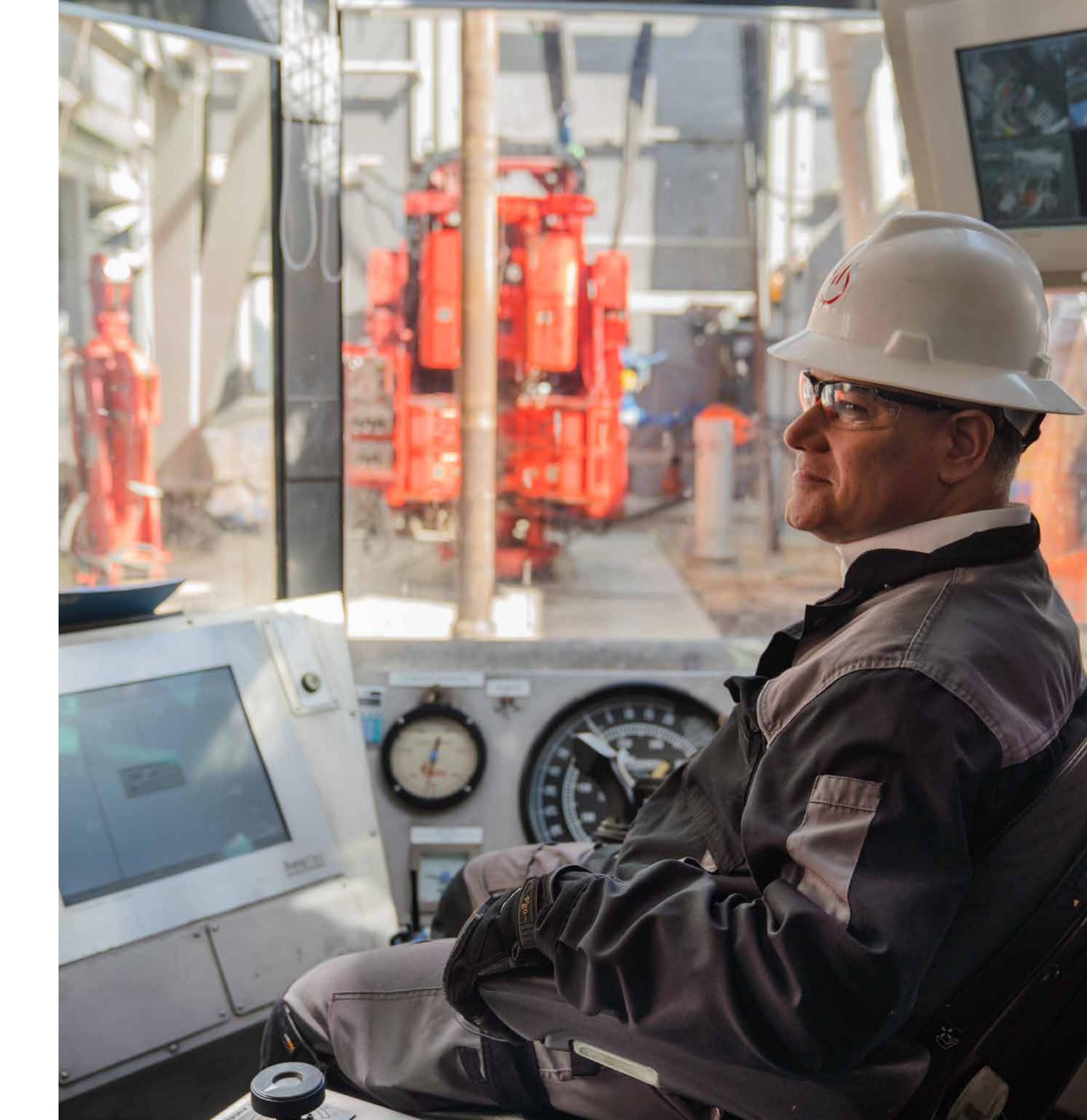
Going underground

Drilling of the first well began on the Eden Geothermal project in May 2021. The 55-metre-high rig started its task of drilling 4.5km into the Earth's crust in the presence of Alok Sharma, President-Designate of COP26. The well was completed in November 2021, making it officially the longest geothermal well in the UK. In January 2022 work started on the installation of a new heat main to supply Eden's Biomes, greenhouses and other buildings with geothermal heat. Testing began in the spring, and a micro-seismic event was felt in the vicinity of the site in early March. Testing was temporarily stopped and then resumed without any further felt seismicity. The first phase of testing was completed at the end of March 2022.

'We stand at the gates of a
Green Enlightenment, where
technology, working with nature
will enable us to live within the
boundaries of our only planet
home without discounting
future generations.'

Sir Tim Smit

The first phase of the project is funded by the European Regional Development Fund, Cornwall Council as well as a private investor, GCP Infrastructure Investments Ltd.Find out more at edengeothermal.org







Race to Zero

In 2021, we joined the UN Race to Zero campaign, through our partners Planet Mark, pledging to become a climate-positive organisation by 2030. By aligning with the goals of COP26, we've committed to go even further in tackling our carbon emissions across our entire business. The climate and biodiversity crises are inextricably interlinked and so our approach is underpinned by nature recovery, developing our own initiatives to reverse biodiversity loss and maximise opportunities for carbon sequestration across our projects. In committing to being climate positive by 2030, we aim to go beyond net zero emissions. This means decarbonising our operational emissions as far and rapidly as possible and eventually storing away more carbon in natural sinks than we emit.

Here's what we're doing:

Nature-based solutions – we demonstrate sustainable land use to regenerate soils and maximise carbon capture. Our wild site projects are progressing both nationally and internationally to increase biodiversity and fight climate change. Here in Cornwall, the National Wildflower Centre and the Living Landscapes Team increased Eden's wildflower fields from 1.73 to 6.9 hectares, while the wellestablished wildflower verges along our main access roads continue to bloom with a mixture of annuals and perennials that will ensure wildflowers remain a key element of our site for years to come. The pollinator impact of these meadows and other habitats will be monitored through our research collaboration with Exeter University.

Energy and transport – we're transforming our operating systems to become a site of embedded renewable energy generation and storage. So far, we've completed the pipework for our geothermal energy plant ready for heat production in 2023 with the potential to save 500 tCO₂e per annum in heating our Biomes.

Sustainable design and construction – Our new on-site nursery will use regenerative materials throughout and will enable climatepositive plant production using geothermal heat and harvested rainwater.

Responsible supply chains – we can't achieve our commitment of being climate positive by 2030 alone, so we're working closely with our suppliers and partners to get there. So far, we've used an emissions hotspot study with Planet Mark to calculate the extended carbon footprint of our supply chain.

KJ2I UPL

What is tCO₂e? tCO₂e means tonnes of carbon-dioxideequivalent gases. It's a way of standardising the measurement of greenhouse gas emissions. Excess CO₂ in the atmosphere is driving climate change, but there are other GHGs (like methane) that have the same effect.

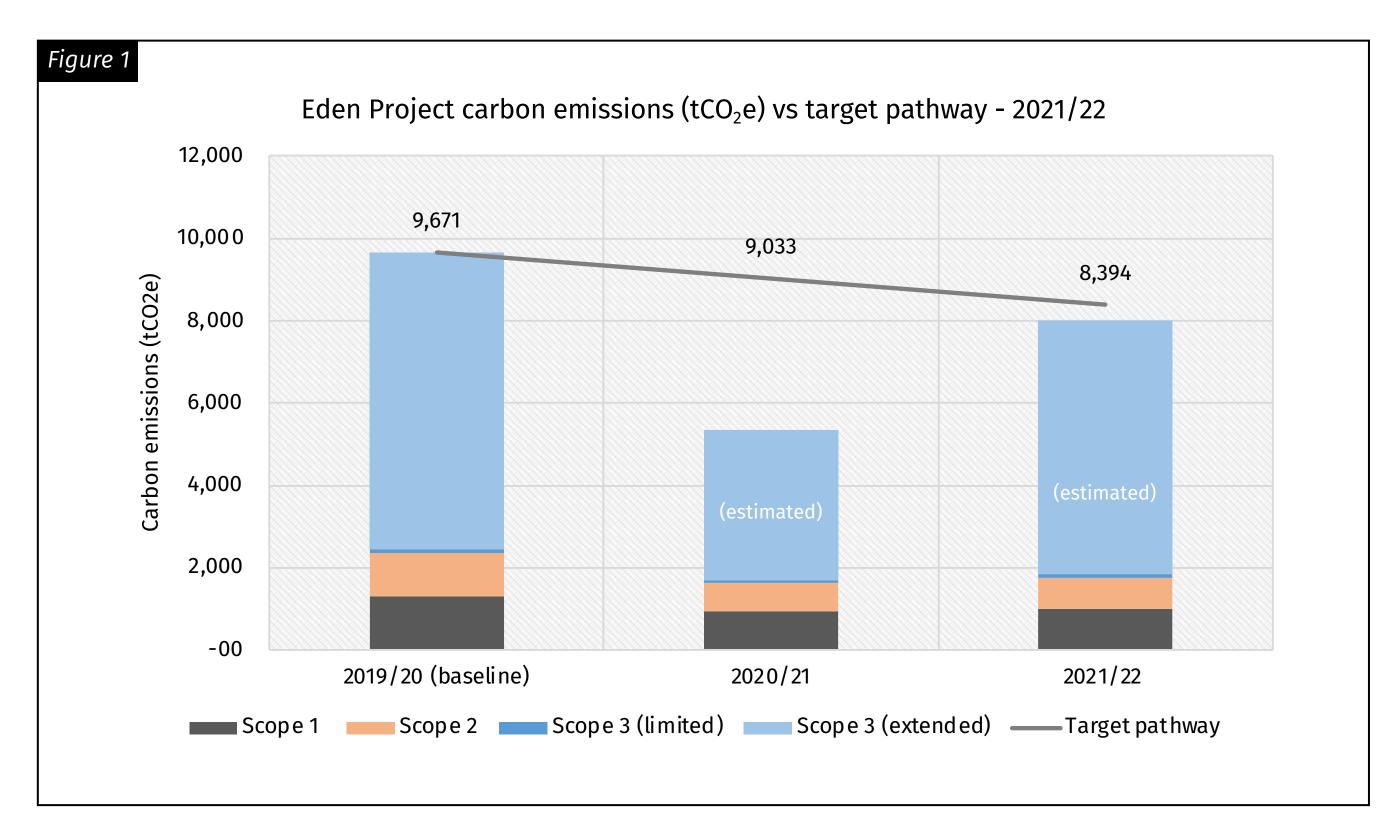
Monitoring and reporting

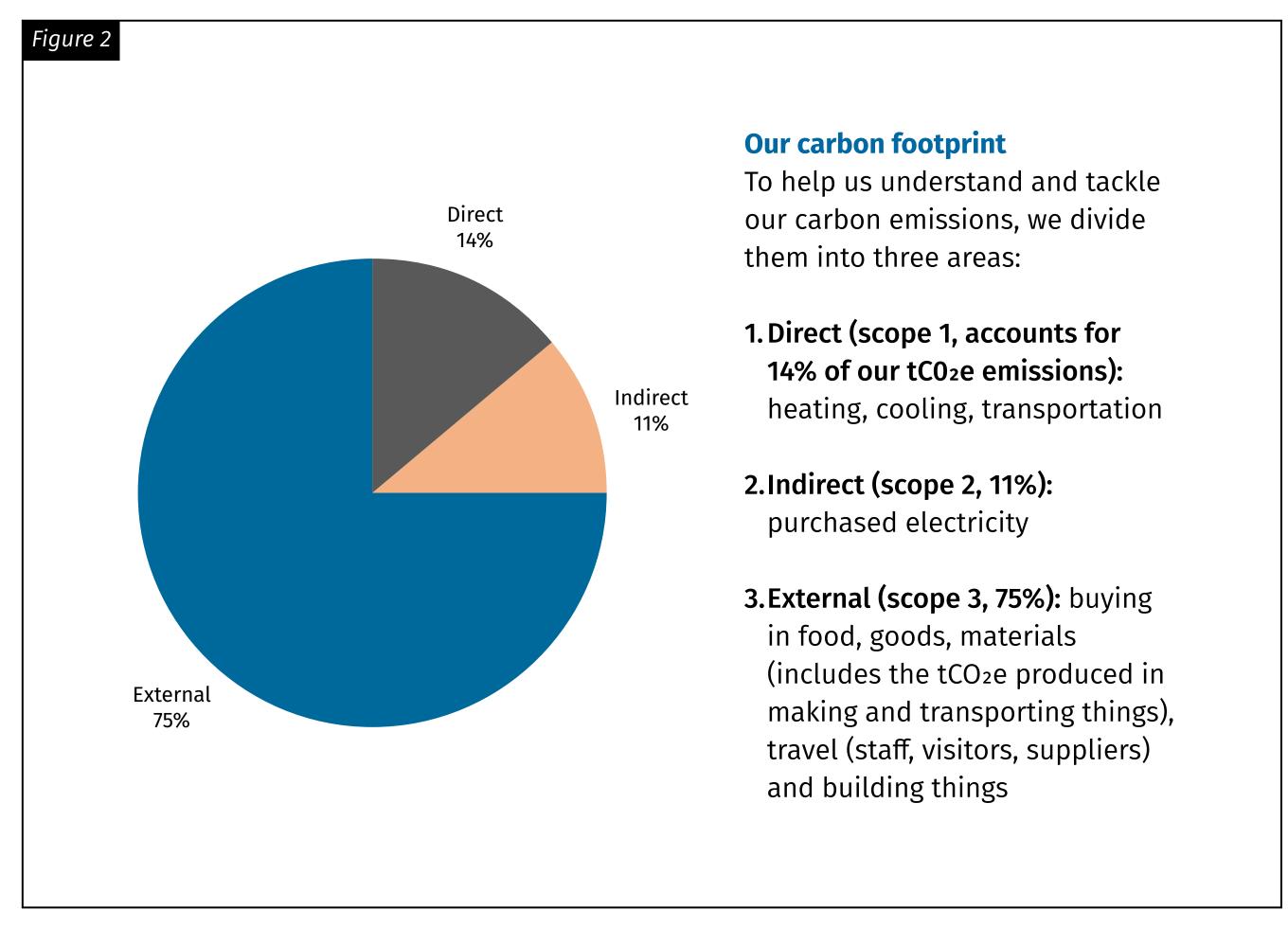
Compared to our 2019/20 baseline year (9,671 tCO₂e), as at the end of 2021/22 we are ahead of our target, having reduced emissions by 17% (1,668 tCO₂e) following good progress in a number of areas (see *figure 1*).

Our direct scope 1 emissions were reduced by 22% (281 tCO₂e) from 2019/20 due to further investment in electric fleet vehicles and utility buggies, reducing our reliance on fossil fuels and making a great step towards an almost entirely electric fleet.

We follow best practice reporting guidelines for indirect scope 2 emissions (using the grid average carbon emissions factor) even though all of our electricity is sourced from 100% renewable sources via our new supplier Octopus Energy. Our emissions from electricity are reduced by 31% (338 tCO₂e) compared to 2019/20, largely due to a reduction in power consumption of 18% (see Energy below) as well continued decarbonisation of the UK grid fuel mix.

A detailed exercise to calculate Eden's extended scope 3 emissions (purchased goods, visitor travel and business travel) for 2019/20 was completed with Planet Mark in 2021. In line with best practice to recalculate these emissions every 3 to 4 years, scope 3 emissions have been reasonably estimated for 2021/22 and using the same methodology as 2019/20, are reduced by 14% due to a new visitor admission strategy, fewer staff commutes as a result of hybrid working and lower transmission and well-to-tank emissions from lower energy usage.





Operational performance

For the 11th year running we achieved certification from our partners Planet Mark. Our carbon emissions calculations follow the GHG Protocol for Corporate Emissions Reporting and have been verified and certified by Planet Mark for scopes 1, 2 and limited scope 3 categories (waste, water, fleet and business travel).

Energy

Despite an increase of 13% from 2020/21 to 2021/22 that reflects a bounce back in business trading and operational hours post Covid, our core energy consumption is reduced by 17% compared to 2019/20.

Energy usage has also been reduced through more efficient (and lower) use of air handling units, while maintaining optimal conditions to meet the different temperature requirements of Mediterranean and Rainforest Biomes (see figure 3).

Water

The eradication of leaks, improvement to water storage infrastructure and further water efficiency measures reduced our consumption of mains water supply by 37% from 2019/20, contributing to a reduction in scope 3 emissions for water supply and treatment of 4 tCO₂e alone.

We aim to meet at least two thirds of our water requirements from recycled rain and groundwater to water our plants and flush our toilets. This rose to 71% from these sources during 2021/22. (see *figure 4*).

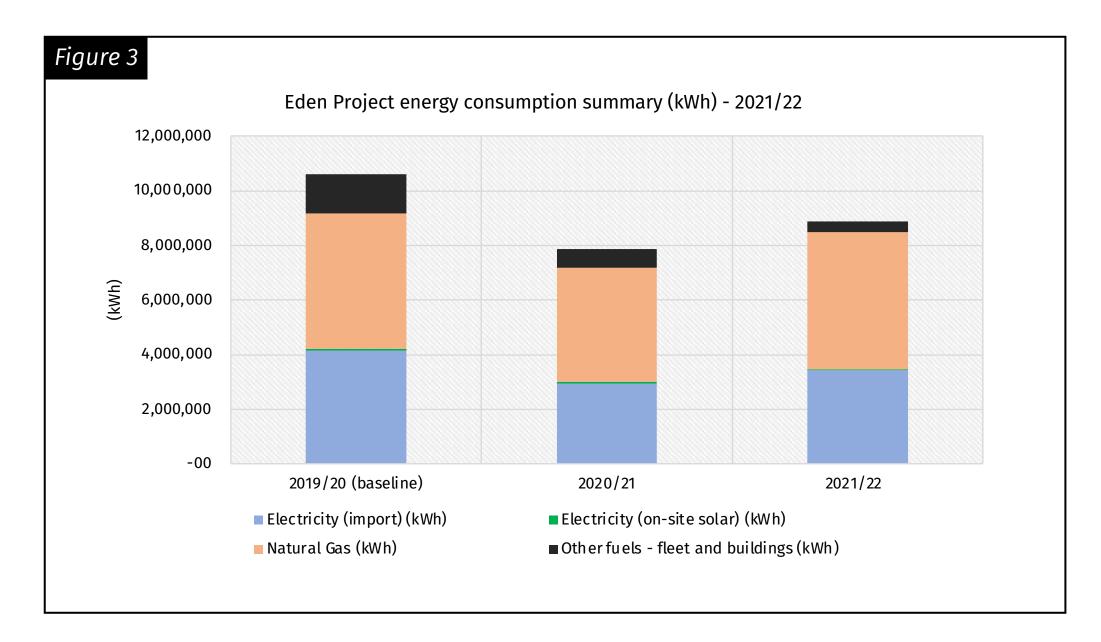
We are exploring methods to increase our selfsufficiency in water supply and treatment and continue to address the key issues of water scarcity and climate resilience.

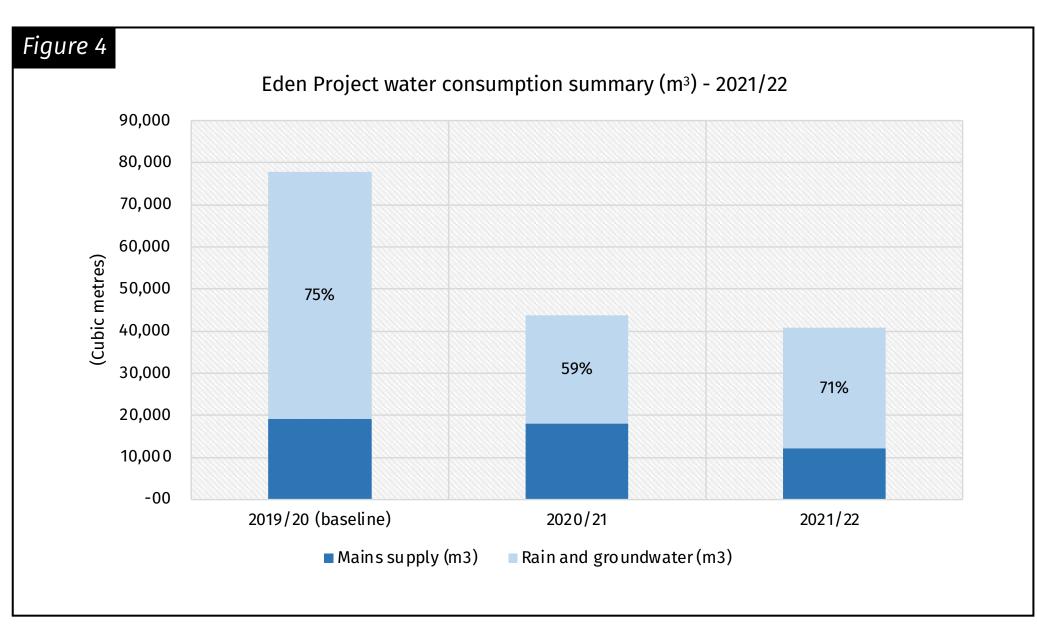
Waste

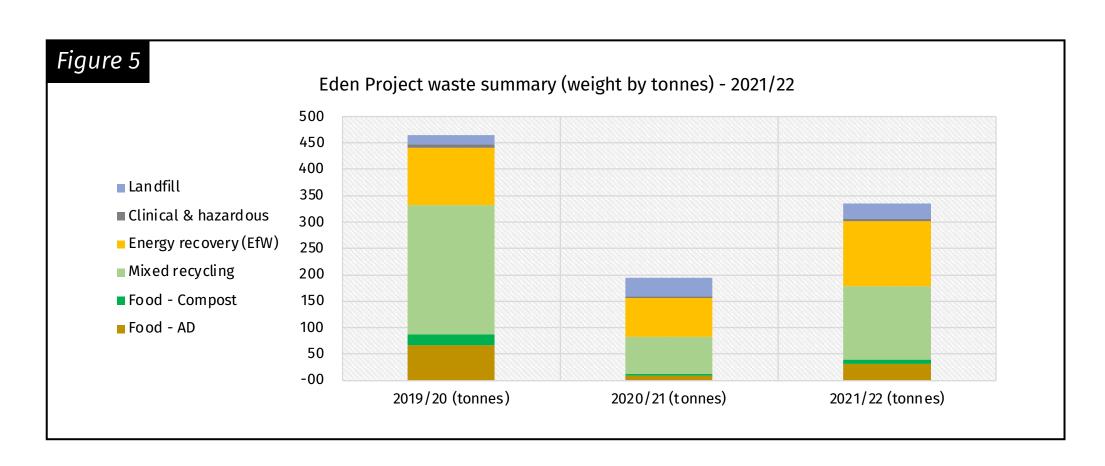
Following the challenges to operating and hygiene management experienced across hospitality during the pandemic, our recycling performance is notably improved in 2021/22, being at 53% of total waste by weight, up 10% from the previous year (see *figure 5*).

Improved signage and interpretation in visitor-facing areas has also boosted recycling performance and better segregation of key waste streams for food and beverages, which is expected to continue to improve towards a target of achieving 72% of total waste recycled.

In early 2022, we successfully trialled the processing of our road sweeper waste into organic compost by the Green Waste Company. A proportion of this compost is then used by our horticulture team to help close the loop on this waste stream. If successful, this approach will eliminate all our remaining waste that currently goes to landfill and avoid emitting up to 15 tCO₂e in the process.







Eden Project Total Carbon Footprint 2021/22

Source	Scope	Units	Previous Amount	Previous tCO2e	Current Amount	Current tCO2e	Current % Change in tCO2e from previous year	% total carbon footprint	Current % Change in amounts from previous year
Buildings Burning Oil Electricity (location based) Electricity (market based) Gas Oil LPG Natural Gas Refrigerants Transmission and Distribution Losses	1 2 2 1 1 1 1 3	litres kWh kWh litres litres kWh kg kWh	500.0 2,999,501.8 2,999,501.8 35,323.5 33,533.0 4,194,002.0 4.3 2,945,186.3	1.3 697.5 17.5 97.4 52.2 771.2 13.6 59.1	2,000.0 3,480,774.7 3,480,774.7 9,575.0 27,191.8 5,007,832.0 4.5 3,423,04	5.1 737.5 19.7 26.4 42.3 917.2 12.2 6	300.0 5.7 12.6 -72.9 -18.8 18.9 -10.7 8.9	0.3 38.7 1.4 2.2 48.1 0.6 3.4	300.0 16.0 16.0 -72.9 -18.8 19.4 4.2 16.2
Travel Fleet Diesel Fuel Fleet LPG Fleet Petrol Fuel Air Travel Average Car Rail Travel Waste Anaerobic Digestion Composting Energy from Waste Landfill Recycled	1 1 1 3 3 3 3 3 3	litres litres litres passenger.km km passenger.km tonnes tonnes tonnes tonnes tonnes	971.5 681.0 2,629.6 — 10,987.1 948.1 8.3 3.8 76.4 35.0 70.5	2.5 1.1 5.7 - 1.9 0.0 0.1 0.0 1.6 16.0 1.5	1,910.8 68.6 1,216.5 245,463.6 83,421.9 103,315.1 31.3 7.8 129.1 27.5 138.9	4.8 0.1 2.7 49.6 14.3 3.7 0.3 0.1 2.7 12.8 3.0	94.1 -89.9 -53.2 - 659.6 10,369.1 231.7 79.7 68.8 -20.0 96.9	0.3 0.0 0.1 2.6 0.8 0.2 0.0 0.1 0.7 0.2	96.7 -89.9 -53.7 - 659.3 10,796.8 278.1 104.9 69.0 -21.5 97.1
Water Groundwater Harvesting Rainwater Harvesting Water Supply Water Treatment	3 3 3 3	cubic metres cubic metres cubic metres cubic metres	20,189.6 5,631.0 17,941.0 20,878.1	- - 6.2 14.8		- - 1.8 5.3	- - -70.6 -64.3	0.0 0.0 0.1 0.3	2.0 40.9 -32.0 -7.0
Location-Based Total Intensity metric – Visitor Numbers Visitor Numbers		tC02e Number tC02e		1,743.5 312,917.0 0.0006		1,906.2 606,808.0 0.0003	9.3 -43.6		
Market-Based Total Intensity metric – Visitor Numbers Visitor Numbers		tC02e Number tC02e		1,063.6 312,917.0 0.0		1,188.4 606,808.0 0.0	11.7 -42.4		



The Eden Project saw a profound recovery while learning to live with Covid-19, and 2021/22 was very successful. Cornwall continued to see an increase in staycations, with Eden itself proving a draw for many. Visitor numbers drew close to levels seen prior to the pandemic. The strong visitor numbers coupled with an increase in spend-per-head of almost 30% across admissions, retail and catering all contributed to group earnings of £9.6m.

Like many attractions, Eden sought funding from borrowing, grants and donations during a turbulent period. Any surpluses generated are used to service debt repayments.

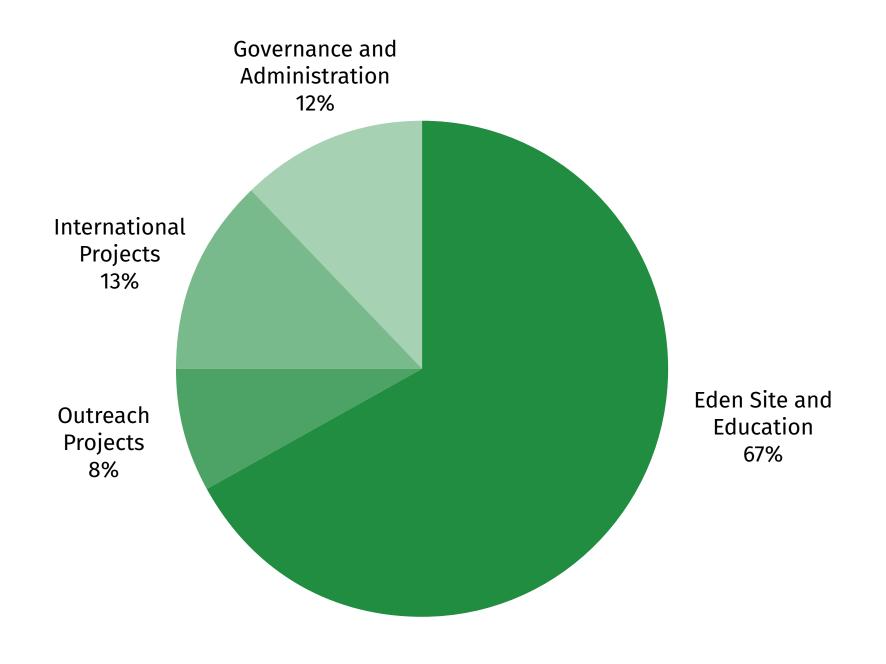
As with many businesses throughout the country – and Cornwall especially – Eden struggled to recruit in key areas, particularly hospitality. The company continues to offer rates in excess of the National Living Wage to retain and attract a winning team.

During the winter of 2020, Eden suffered a devastating landslide. The team at Eden worked tirelessly to remediate the area at a cost of over £2m, with Eden finally reopening to the public on 17 May 2021. Strong trading income on reopening meant that further funds were available to invest in the refurbishment of the site and the new nursery project.

The outlook is bright: there are exciting projects underway, and the Eden team continues to educate, inspire and motivate our audience both in the UK and worldwide.

Other Income 4%	
Gift Aid 5%	Visitor- related Income 53%
Grants and Donations 25%	

Eden Project Group Accounts	Mar-22 Group Actual YTD £000s	Mar-21 Group Actual YTD £000s
Group Earnings before interest (Reduction)/Increase in net current liabilities Net Cash Inflow from Core Activities Net Interest Paid Net Investment in Fixed assets Receipt from Sale of Investment Loan and Lease Advances Loan and Lease Repayments Net Cash (Outflow)/Inflow	9,661 368 10,029 (232) (2,638) - 50 (700) 6,509	(728) 237 (491) (128) (620) - 4,890 (168) 3,483





The Covid Challenges

From a 'People' perspective this period was dominated by the Covid pandemic, which meant having to deal with the world of work in a very different way. From the outset of closing and furloughing all employees except for a bare skeleton team, to flexible furlough and returning people to work, the People and Culture Team ensured that everyone was well-informed and supported. Returning to the workplace required additional protective measures and new ways of working that kept our staff and our visitors safe. The People and Culture Team also moved quickly to provide support to vulnerable employees (including those shielding family members) and staff on furlough.

We devised e-learning for stress and resilience support, highlighted our well-being programme, and put in place virtual tea breaks, meetings, social events and a Big Virtual 20th Birthday Party.

Restructure

As for many employers, 2020 was financially challenging. We lost significant revenue through enforced closure. The Eden Project site is expensive to run even when closed; the Biomes must be heated, and the site maintained. We had to devise a new, paredback visitor experience to meet government guidelines around social distancing, and this limited daily visitor numbers. The reduction in visitor numbers also meant we had to undertake a restructure in 2020 to streamline the organisation and ensure financial security during the pandemic. In early July 2020, we notified employees that we would be entering a minimum 6-week period of collective consultation. As a result, 169 employees left Eden as part of the restructure, most of them on 31 August 2020. We committed to keeping

in touch with them (if they wished) for the next 12 months and that we would advertise any vacancies to them first as soon as we were able to build back numbers again. To date, around 50 employees have returned to the organisation. This was a holistic and well-supported programme; we brought in a multi-agency support team to complete two days of Covid-compliant roadshows for the employees who were at risk. There was one appeal from the 169 redundancies (not upheld) and no tribunal claims.

Internal Communications

One of the last legacies of the Covid era was how important good internal communications were over that time. We received excellent feedback from staff that although we had some tough messages to share, we were open, honest and transparent across all the channels that we used. We also had some fun to try and balance out those challenging times.

As a result of this Internal Communications has been more formally embedded in the People and Culture Team, and we now have a full-time Internal Comms Apprentice who has transformed our communications and the platforms we use. This has become an essential role and the quality of our internal communications, and therefore engagement with the Eden team, has increased significantly. This has included: a new internal communications and engagement strategy, 'live' profiles of employees sharing their roles and career journey, filming Exec briefings and other teams to be able to spread messages more widely, adding digital noticeboards for those who don't regularly use a computer.

From Human Resources to People & Culture

Returning post-restructure and through 2021 to a 'new normal' for operations and support, we reviewed the role and activities of the HR team. We deliver a wide portfolio that is at the core of employee engagement and goes beyond 'Human Resources', and so the team was rebranded People & Culture. This is an ongoing transition, and the focus is on building brilliant basics for everyday operations that can be applied and scaled for new Edens that are the right fit for our employees. Our services are tailored to ensure that we provide what the organisation needs to develop and grow.

Eden DNA – Values and Behaviours

This is possibly one of the biggest projects that we have undertaken with the whole Eden team. Following 2020/21 we felt that there was still a lot of 'hurt' from the restructuring period. Eden is in a growth phase and as part of this we have also refreshed the Eden Mission. It therefore became essential that we looked at personal values, Eden's values and the behaviours that deliver this. Over the course of 2021/22 all Eden employees have been asked to participate in a values workshop to enable us to fully hear the employee voice in these areas. This work will move forward with a Team Behaviours and Leadership Behaviours workshop that will be woven into the employee and visitor journey across everything we do. This is an essential piece of work that is relevant to future Edens and ensures that we have consistency across all sites and teams.

Eden Equality Diversity and Inclusion

We agreed that we would complete a full Access and Inclusion audit in 2022. This will take place in the Autumn of 2022 and reported fully in the next Annual Accounts. One of the significant changes that we saw with the restructure was the loss of the Landtrain team. This had an impact both on visitor inclusion where mobility was challenging, as well as the wider visitor experience where the Landtrain had always formed part of the visit. We have put some additional measures in place (121 guides and electric buggy transfers) but this area needs to be fully evaluated with recommendations on how we further improve this area, particularly with a site with very challenging terrain for many people.

Pay Review 2020/2021

This was a challenging area, but one that we needed to address as soon as we could. Eden's normal Pay Review is applied from 1 April each year. In 2020 we were just beginning to face the challenges of Covid, but the minimum wage levels had already been set and were not deferred; we therefore had to increase our base level salaries in Band 1 (entry-level roles) and adjust the hourly rate differentials for the roles up to Band 4. This was a challenge to afford through the 2020 pandemic.

2021 was a much more positive year. While the 2020/21 trading year was tough, we were able to build some financial resilience and we could look at a wider pay uplift beyond the statutory minimums. The national wage increases were implemented up to Band 4 and then a 2% increase was applied to all other employees.

We were also able to make a small one-off payment to all employees in December 2021 based on the trading for that year and the significant work the team had put into making the year such a success while still trading in very difficult times.

Volunteering at Eden

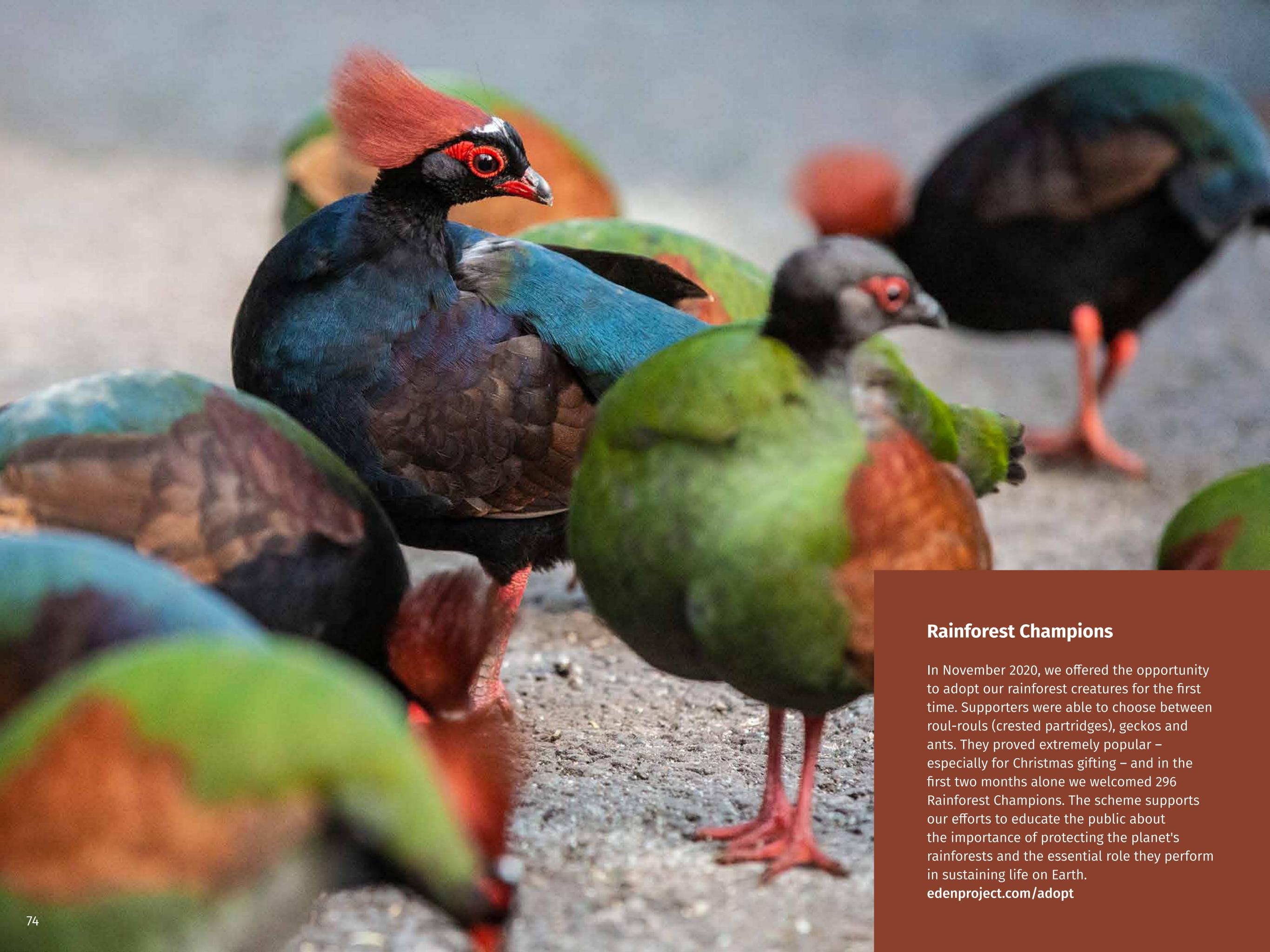
It took us a little longer to restart the volunteer programme. We knew that many of our volunteers were clinically vulnerable and therefore we would defer their start back until they were comfortable with the measures we had put in place. We have retained a strong core of 120 volunteers over the last two years and the vast majority have now returned. Due to the access issues without the Landtrain, we now have a body of over 30 volunteers who support the Steward team on site across a 7-day rota to ensure we can offer as much mobility assistance as possible. We have also reintroduced 121 bookable guides for visitors with access requirements. Volunteers remain the lifeblood of many of the social prescribing programmes we run on site and of course the Sessions each year are fully supported by a Volunteer Access Team to ensure that we can offer the best experience possible to those who have increased needs across several areas.

Membership

After a couple of very challenging years for Eden, by the end of 2021 we were thrilled to welcome almost 900 new and familiar faces to our in-person events at a successful preview to launch Christmas at Eden, and the return of our annual Christmas shopping evening.

Our resurgence continued and March 2022 saw numbers reach their highest-ever level with 14,000 Eden Project Members. The loyalty and continued support of our existing Members and Eden Project Supporters during these challenging times is greatly appreciated. We also received generous donations during both 2020/21 and 2021/2022, please see p.77 for a list of our donors.





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Geoffrey Austin
Kevin Havelock
Ferrers Vyvyan
Adam Beaumont
Jonathan Drori
John Allwood
Fiona Godlee
Georgina Mace
Helen Owers

2021/2022

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Kevin Havelock
Ferrers Vyvyan
Adam Beaumont
Jonathan Drori
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Our Directors Eden Project Ltd

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Gifts in wills

Mr Roy Brewster (2020/21)
Dr W Wilby (2021/22)
Mrs Margaret Gunn (2021/22)

In addition, in 2020/21 and 2021/22 we received generous donations from individuals who wish to remain anonymous.

Our Funders

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Gaia Art Foundation

Festival 2022

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AQL

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