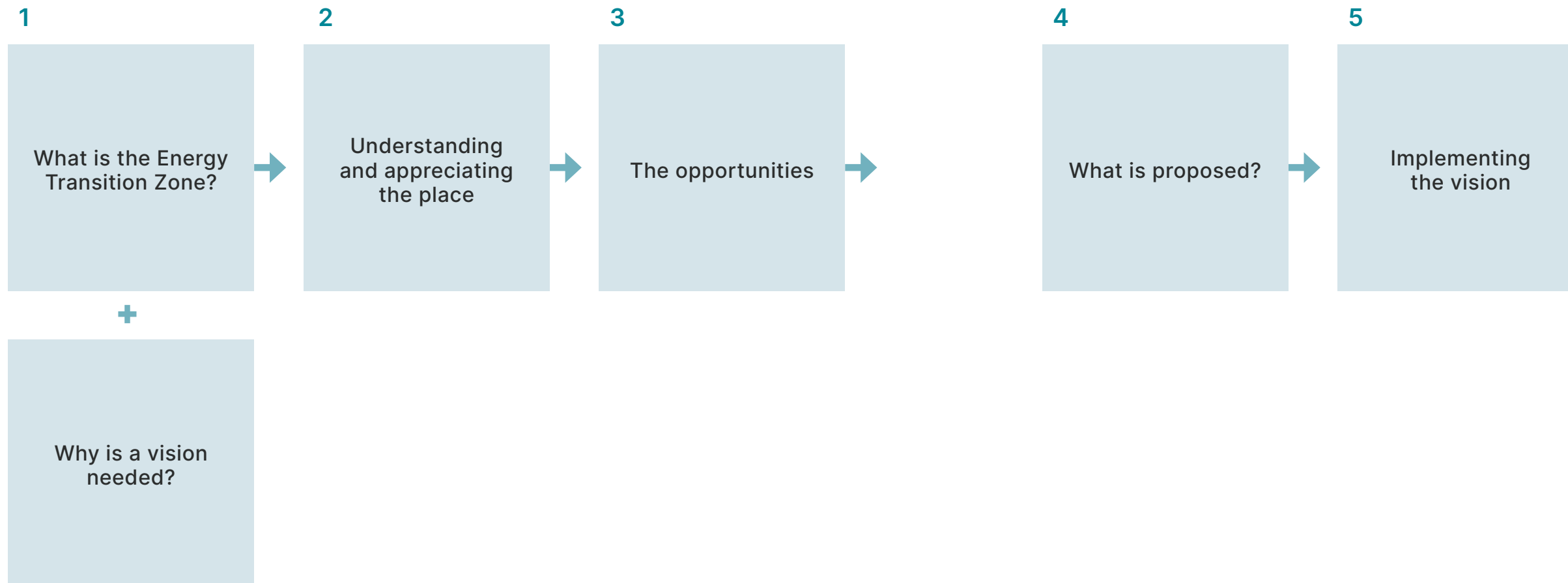




A landscape vision for the Energy Transition Zone

ETZ
ENERGY TRANSITION ZONE

Contents



This document has been produced by Planit I.E. Limited in conjunction with Energy Transition Zone Ltd.

Document Control

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August 2023

*The Energy
Transition Zone*
aims to become a unique
development providing a
catalyst for innovation and
high value manufacturing
creating a globally recognised
centre of excellence for
new and green energies.

Through the success of the Energy Transition Zone, the region will become a globally recognised integrated energy cluster focused on the delivery of net zero and a net exporter of product, services, technologies and skills maximising the future value potential from energy transition developments for future generations.

Why is it needed?

Aberdeen has been the home of the UK's oil and gas industry for over 50 years. There is a significant opportunity to build on the region's industrial strengths to pursue new opportunities in the transition to a net zero future with a focus on offshore wind, hydrogen and carbon capture, usage and storage (CCUS).

In April 2020, Aberdeen City Council released its vision for transition to "*a climate-positive city at the heart of the global energy transition*". It sets out both the need, and the opportunity for Aberdeen as one of the world's leading energy cities, to play a significant role in transitioning towards a new future.

By developing a globally recognised integrated energy cluster focused on the delivery of net zero the Energy Transition Zone has a pivotal role to play supporting the city, the region, Scotland and the UK to successfully transition from oil and gas to a net zero future.

ETZ Ltd.

ETZ Ltd (ETZ) is a private sector, not for profit company set up to lead the development of the Energy Transition Zone.

It is supported by funding from the Scottish and UK Governments and Opportunity North East to establish the North East of Scotland as a global leader in the energy transition to net zero.

The Energy Transition Zone presents a unique and exciting opportunity to consider how development of the zone can take place while supporting improvements to the surrounding greenspace. ETZ has worked with Planit to explore these opportunities which are set out in this document.

This presents a 10-year vision for how the greenspace within the Energy Transition Zone could be significantly enhanced to provide recreational green space, active travel routes and biodiversity enhancements. The wide range of proposals highlighted in this document are by no means exhaustive and ETZ are committed to working with partners across the local community and in the public and private sectors, to seek their views on this exciting vision and working with them to improve and implement it.

→ ETZ has a pivotal role to play supporting the delivery of net zero.

The Energy Transition Zone, the largest dedicated energy transition complex in Scotland, is a unique development that will help position the region as a globally recognised cluster focused on the delivery of net zero.

A comprehensive investment programme is already underway to deliver market-ready properties and sites for high value manufacturing and the wider energy transition supply chain whose aims are:

1. Securing a sustainable economy for North East Scotland.
2. Leading the region's transition to a net zero energy future.
3. Supporting inclusive employment opportunities through a dedicated programme of skills development.
4. Progressing a programme of investment in local greenspace, biodiversity, and infrastructures that delivers tangible community benefits.

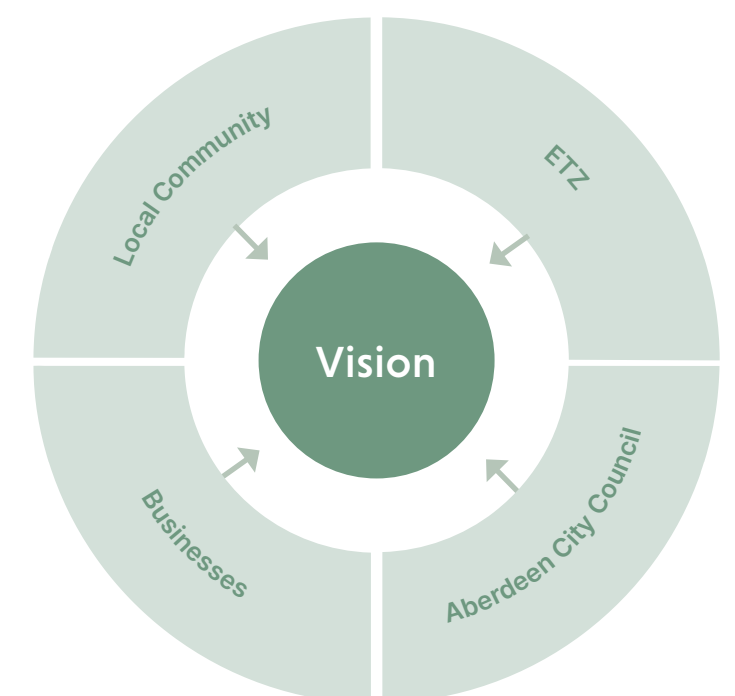
ETZ acts as an enabler, bringing wide ranging stakeholders together to deliver the vision for the Energy Transition Zone as set out in the Masterplan for the site.

This wider vision includes ensuring the zone positively shapes the local area for the benefit of both the local community and those working within it to provide a leading-edge example of a sustainable industrial zone.

The Masterplan commits to improving the quality of local greenspace and community infrastructure, increasing biodiversity and providing more opportunities for people both living and working in the area to enjoy the natural environment.

This landscape vision builds on the commitments set out in the Masterplan and seeks to show how these could catalyse wider enhancements in and around the zone.

This document sets out ETZ's vision for the green space enhancements within the zone. It aims to promote and encourage conversations and collaboration to further shape and deliver the projects within it.



Locating the 'zone'

Why here?

- The area has a long association with human settlement and commercial activity based on access to the sea with former fishing and trading activities located within Torry.
- The Port of Aberdeen to the north is where one of the UK's first businesses was registered. The harbour has played a fundamental role in supporting the North Sea oil and gas industry and bringing industry, skills and jobs to the region.
- The transformational Aberdeen South Harbour, a new deep-water and non-tidal port, is the catalyst for the development of the Energy Transition Zone providing access to massive new offshore activities.
- 60% of ScotWind licenses equating to 17GW of power generation are within 100 nautical miles of Aberdeen.
- The North East of Scotland is ideally placed to support the energy transition currently employing around 45,000 people with energy skills that are transferable to the renewable sector.
- Aberdeen is an innovative city. It is home to one of the highest proportion of start ups and patent generating businesses in the UK.
- The region has one of the world's biggest clusters of sub-sea engineering capability.
- It is home to the highest concentration of energy supply chain companies in the UK.

The area

The plan opposite shows the area covered by this landscape vision.

The area includes the industrial estates of Altens and East Tullos, and is surrounded by the residential communities of Torry, Balnagask and Cove.

It is crucial that the development of the Energy Transition Zone results in positive change for all stakeholders, including the local community, and becomes an area where both industrial and residential communities can thrive in harmony benefiting from the unique coastal location and extensive greenspace that sits both within and in close proximity to the zone.

There are considerable opportunities to improve these both in terms of quality and access. This vision sets out to highlight these.





↑ View facing south across St. Fittick's Park, from St. Fittick's Road. With new South Harbour to the left and the residential neighbourhood of Torry to the right.

View facing north and east from Baron's Cairn, across Tullos Wood and Doonies Hill towards Torry with Aberdeen city centre behind to the left, the new South Harbour to the centre and Altens Industrial Estate to the right. ↓



A landscape vision for the Energy Transition Zone

The Energy Transition Zone vision will be a catalyst for innovation and high value manufacturing, accelerating the transition to net zero and secure jobs for future generations. A focal point of the wider vision is a commitment to work with the local community and wider stakeholders to improve the local greenspace, and community infrastructure.

This document sets out a vision and initial set of proposals for how the enhancements to local green space and community infrastructure could be developed. It seeks to provide the basis for building wider collaboration and conversations around the details of how these opportunities could be built on and taken forward.

The transition in this area has already begun:

- The opportunity sites and Energy Transition Zone policy are already allocated within the modified Aberdeen Local Development Plan (2023).
- These allocations set a clear approach to what can happen and where change is expected to occur within the zone.
- Alongside the policy allocations, Aberdeen South Harbour is now developed.

This landscape vision has been developed to set out the **opportunities over the next 10+ years**, to develop local green space as an integrated part of the Energy Transition Zone. It sets out to the local community and other stakeholders the opportunities associated with the area. It seeks to show how projects can come together to create a cohesive sense of place, making the area an attractive area to live and work that provides diverse and quality recreational space that supports an active lifestyle and wellbeing.

This landscape vision intends to communicate the opportunities and facilitate engagement across many different groups:

- Existing residential communities
- Existing and emerging business communities
- Organisations involved in the energy transition
- Investors
- Aberdeen City Council
- Other public sector stakeholders

This document intends to be the tool to facilitate these conversations and show how the commitments in *The Energy Transition Zone - Masterplan* could catalyse wider benefits.

The role of a vision

This landscape vision creates an ambitious picture of the future which with support from partners and stakeholders can become an achievable and implementable, programme that will benefit all who live, work and visit the area.

It aims to encourage thoughts and ideas and poses questions...what if?

It creates a set of future goals for all to galvanise around, where everyone has an opportunity to input

It tells the story of the place and sets out the opportunities

It shows how projects could come together to enhance the existing place and community

It will ensure improvements and interventions come together in a coherent way

It will build a common purpose around which to engage and work with partners and stakeholders to improve the quality of the place



02

Understanding and appreciating the place



The place is impressive. It has a wealth of features which make it unique. From high points providing panoramic views of the city and coast, to opportunities to reach the beach and spot dolphins. From industrial activity, to tranquil isolation.

Tullos Wood and St. Fittick's Park are important landscapes within the zone and provide two unique and valuable places to be celebrated.

The historic Cairns (all scheduled monuments) provide locations to stop and appreciate the setting - providing panoramic views of the city, the harbour, the immediate landscape and coast.



The relationship between onshore and offshore



Tracing back

Four Bronze Age burial cairns are located on Tullos Hill. These cairns offer breathtaking views of the coast and a first glimpse of the important relationship this area has between the land and the sea.



Traditional communities

The neighbourhoods south of the river can trace their history back many hundreds of years, where they existed as small communities set back from the coast and separate to Aberdeen.

Included in this history is St Fittick's Church, built in 1199.



Traditional economies

Fishing, ship building and trading became key industries for Torry and Cove.

They remained separate from Aberdeen as unique fishing villages, similar to Footdee today.

A ferry provided access across the River Dee. The first bridge linking Torry to Aberdeen was built in 1520s after the River Dee was realigned.



Port of Aberdeen

The originator of Aberdeen Harbour was founded in the 12th century. The Shore Porter's Society was founded in 1498 as one of the UK's first registered businesses, set up as a cooperative to provide goods transportation.

The port was originally founded on the north bank of the River Dee, however a river diversion to increase space for the port in the 1870s resulted in some of the oldest areas of Torry being lost.

Before oil



North Sea

Since the founding of North Sea oil, Aberdeen has been home to the North Sea headquarters of a number of major oil companies.

In the 1970s, Old Torry was demolished to make way for further harbour space to allow the oil and gas industry to expand.



Oil and gas

Oil and gas was found in the North Sea in the 1970s. This rapidly expanded Aberdeen's economy and the Port of Aberdeen expanded with it.

The port gradually expanded over to the south bank of the River Dee to provide more space for oil and gas port activities.

Oil

After oil



Aberdeen South Harbour

Aberdeen South Harbour was built as a deepwater port to continue to respond to the needs of the offshore industry.

The development results in the Port of Aberdeen becoming the largest berth-space port in Scotland.

The new harbour has been developed to support the offshore renewables industry and was the catalyst for determining the location of the Energy Transition Zone.



Transition

The transition to clean energy has begun.

With an offshore-based economy and wide access to relevant skills the North East of Scotland will play a significant role in this transition.

The aim is to achieve a Just Transition that ensures jobs and opportunities in the region are protected through reskilling and upskilling. That communities affected by industry can start to see benefits from a different future for the city and their community within it.

A Just Transition

Through publishing this landscape vision for greenspace within and around the zone, we want to encourage the community and wider stakeholders to engage in dialogue as to how this can be developed. Aberdeen has always been a place of change and innovation and the move towards cleaner energy continues this trend.

We recognise the need for the development of the Energy Transition Zone to embrace a managed and Just Transition.

The **Just Transition Commission** sets out the following principles:

- A clear plan for transition needs to be developed;
- Proactive and ongoing engagement with communities and businesses; and
- Ensuring policies and strategies are equitable.

Aberdeen City Council is committed to achieving a Just Transition, seeking to ensure the public and private sector investment in lower carbon technologies provides reskilling and upskilling to enable a fair and smooth transition to net zero balancing economic, social and environmental needs.

"For the Scottish Government a just transition is both the outcome – a fairer, greener future for all – and the process that must be undertaken in partnership with those impacted by the transition to net zero. It supports a net zero and climate resilient economy in a way that delivers fairness and tackles inequality and injustice."

Scottish Government - Just Transition Commission*

* <https://www.gov.scot/groups/just-transition-commission/>

The Energy Transition Zone has a key role to play in enabling a Just Transition for the area.

- By encouraging long-term investment in the North East of Scotland it will be ensuring a stable transition as we move to a new energy future.
- It will support inclusive employment by reskilling and upskilling the local work force to ensure long-term sustainable employment.
- It provides an opportunity to work collaboratively to develop a vision where the community and local industry can work together to create a sense of place that benefits all those living and working in the area.

We recognise that the Torry community in particular will be impacted by the development which takes place in a community that has already seen considerable change.

Through this vision, ETZ seeks to set out the opportunities that could arise from the Energy Transition Zone and the benefits to the community that could come from this. It identifies why the areas in and around the zone are special and how these could be made better so they can be used more widely by all.

A careful balance is being sought between the need to facilitate a transition for the future of Aberdeen's economy and the need to support and enhance the immediate surrounding community.

This vision needs the local community and wider stakeholders involved to be fully realised.

This landscape vision includes interventions:

Compensate for

Any impacts caused by the development of the Energy Transition Zone itself.

Enhance

To make the most of the opportunity to achieve positive placemaking that benefits local communities, workers and other stakeholders, particularly relating to upskilling, health and wellbeing.

Net Positive

To enhance the local community and environment by ensuring that interventions not only maintain and protect but add more to the community and environment in a way that is measurable and ensures net positive outcomes.



03

The opportunity

ETZ seeks to drive positive economic, environmental and social change, and sees **the opportunity** to think about the place as a whole with all its unique and interconnecting elements.

The opportunity of the zone is to:

Transition to clean, net zero carbon energy

and support the transition for North East Scotland. It will provide the spaces for energy transition businesses to flourish and a unique setting to inspire and thrive.

Transition to an active and healthy neighbourhood

where all residents and workers, existing and new, benefit from improved access to and regularly use the enhanced landscape for active and/ or passive recreation.

Transition to be amongst the greenest neighbourhoods in the Granite City

where residents and workers feel they live and work within an attractive green neighbourhood. This landscape draws new visitors and operates as an urban country park.

Transition to a connected community

where people within and outside the zone can move easily from place to place using a well sign posted network of active travel paths.

Encourage engagement

with the existing community and wider stakeholders to help shape the strategy and future proposals for the zone and ensure the local community fully benefits from new job and upskilling opportunities.

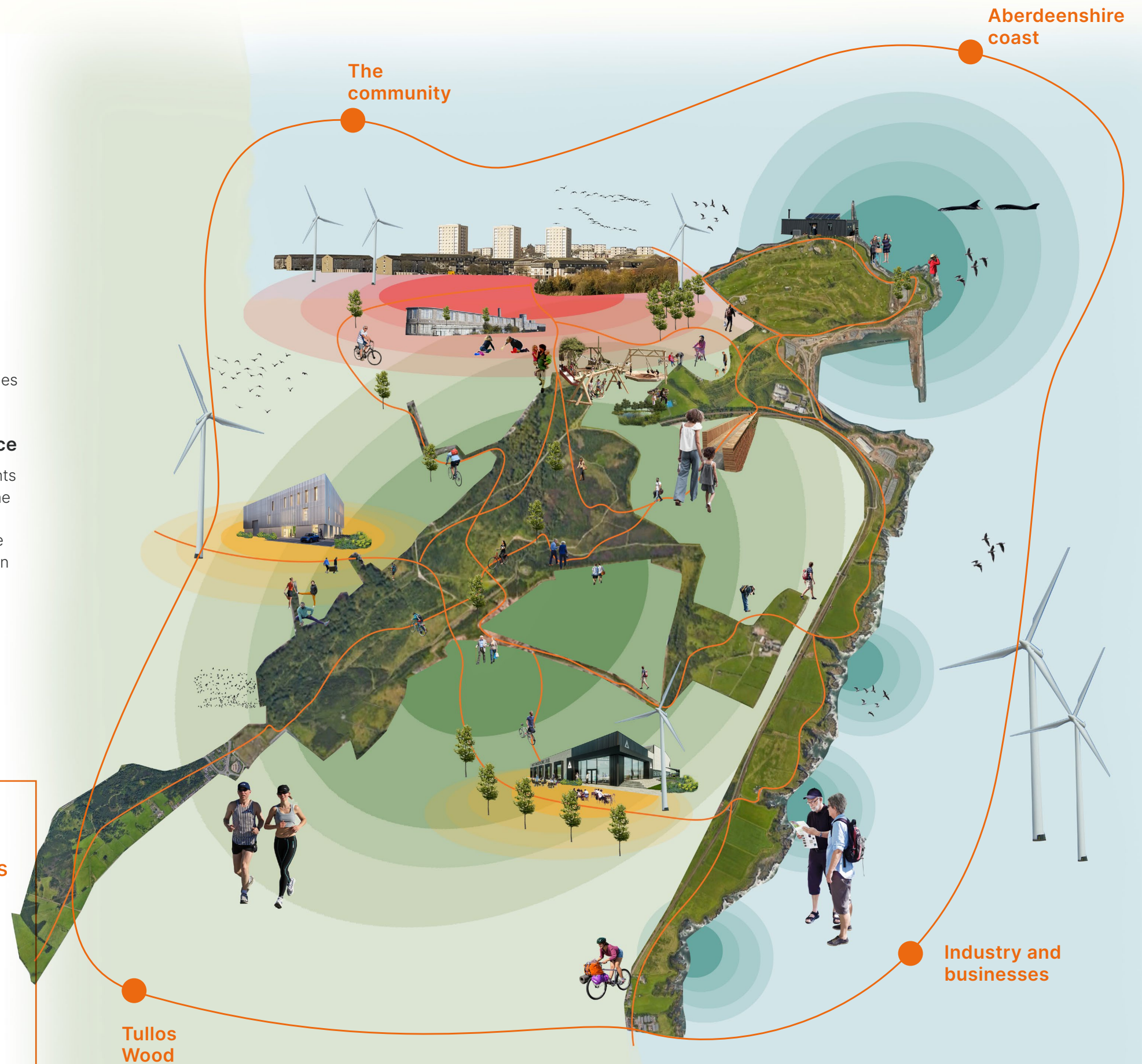
Sustain the symbiotic relationship between the land and the sea

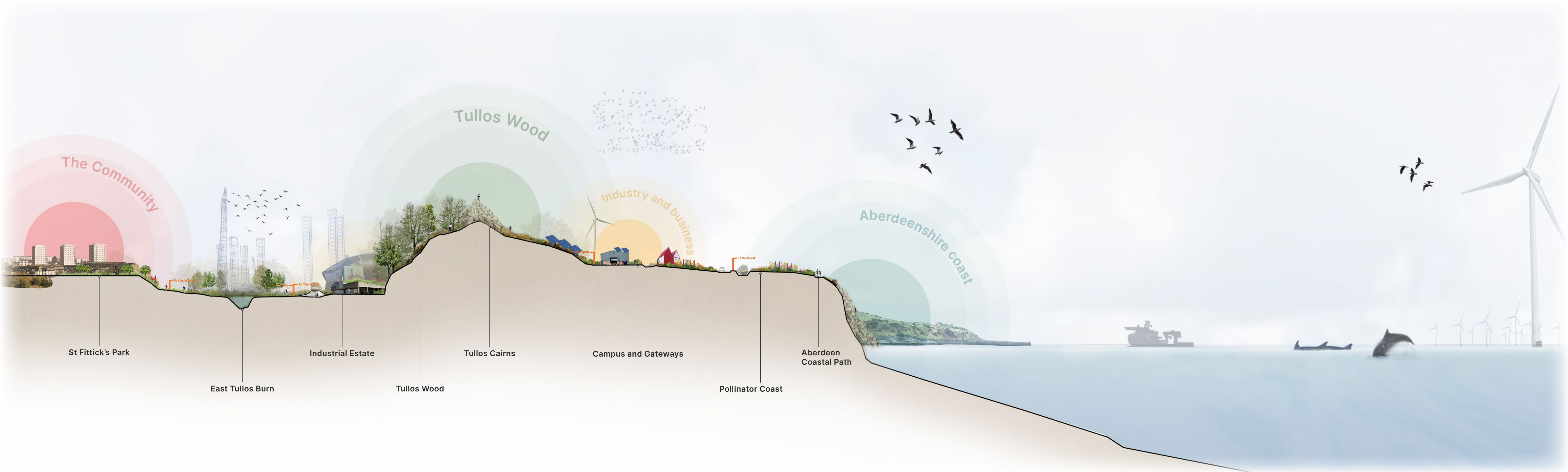
ensuring the coastal location and environment provides opportunities for recreation and well being.

Celebrate this unique place

to ensure that the special elements of it, the views, the landscape, the people, the offshore connection and many more are not lost in the transition. Rather for the transition to build on these elements as key ingredients, compensate for what may be impacted and provide enhancements so the full opportunities are realised.

There are 4 key aspects to the zone, **the community, Tullos Wood, industry and business** and the **Coast**. They act as focal points which shape and influence interventions to ensure that Energy Transition Zone can realise this ambition.





The community at the heart of the transition

At the heart of the Torry community lies St. Fittick's Park a valued green space. It is recognised that parts of this space are allocated for development through the Local Development Plan which has an impact on this important community asset.

ETZ is committed to work with the community to continue to enhance this important community space, where access is improved, new play areas are introduced and it becomes a space where those visiting the park, including young people, can spend time and feel safe. By retaining the wetland areas wildlife will increase and the park will support more plants and insects increasing biodiversity.

There are interesting routes through the park and to the wider green space in the area including Tullos Woods and Greyhope Bay. The green space will merge into both the community and the adjacent industrial estates increasing areas where people can enjoy the natural environment with facilities that promote health and wellbeing.

The aspiration is for this community to be amongst the greenest in the Granite City, utilising and enhancing the extensive local green spaces.

ETZ is committed to work collaboratively with the community to achieve this and provide meaningful enhancements to the park to compensate for the loss of space. Local community discussion forums will help shape and inform their vision for the future of St. Fittick's Park and wider community green space.



Tullos Wood, realising its potential

Connecting the waterfront up to the cairns, Tullos Wood has a unique identity and character. However, the woods are currently hard to access and poor sign posting limits its potential.

Linking the community and industrial estate to the woods would enable this unique natural setting to expand into these areas, rather than just being adjacent to them.

The woods should feel integral to the local landscape, inviting people to explore and take part in health and wellbeing activities and enjoy the landscape and views.

These green connections will bring together existing spaces to develop a cohesive green space network. The woodland arms should extend into the industrial estates and into St. Fittick's Park, which itself extends up the hill into the centre of Torry.

Enhancements will ensure the Energy Transition Zone is supporting improvements to the natural environment, with habitat creation, biodiversity intensification and tying into wider pollinator corridors.

Through improved connections, signage, and gateway hubs to guide citizens the routes through the landscape would become an opportunity to narrate the story of the place – from bronze age burial and fishing, to oil, then to energy transition. With the view points at the Cairns providing a moment to enjoy the view, breathe, reflect and digest the unique onshore/ offshore landscape.



The place to stop along the Coastal Path

The coastal path runs through the Energy Transition Zone and beyond to the south and connects the area to the city of Aberdeen. The Energy Transition Zone will become a key landmark on the coastal path as a point to stop and reflect on the history of the area and its relationship with a transitioning offshore industry.

The connections could extend wider as a key place along the international North Sea Trail and European cycle network.

The coastal path has many places of interest. The Greyhope Bay Centre, Torry Battery and Girdle Ness Lighthouse are key landmarks on the way, places to stop and appreciate the views, catch sight of the dolphins, watch the sunrise and appreciate the interface between the location and the coast.

The vision for the Energy Transition Zone is to increase access to these landmarks by way finding and improving access from the east of the zone and at the Hydrogen Campus, where woodland meets coast.

Another place to stop, look, share and learn.

The coastal path also offers further means for the zone to be a more active place. The sinuous paths along the cliffs provide impressive walking routes. Improvements to these routes will enable more people to use them, and provide places to stop and rest, to take a breath, discover the history and appreciate the beauty of the landscape.

Bouldering, rock climbing and kayaking are some examples of the many activities that already exist along this route, with enhancements to access and signage increasing awareness and opportunities for these activities.



Business, leading the global charge to net zero

ETZ is committed through its Net Zero Principles to ensure that all developments taking place within the zone play an important role in supporting the creation and improvement of green infrastructure and help improve biodiversity.

The aim is that the zone will not only be green in terms of energy consumption and show casing green energy technology, but will connect back to the landscape by incorporating habitats for species, such as pollinators. This will be done by creating landscapes, increasing tree coverage and incorporating sustainable design principles for buildings including reuse of materials, retrofit and sustainable water management.

The proximity of the zone to the city centre enables active travel commutes which could be supported through the development of a mobility hub.

This would help encourage active travel between the Energy Transition Zone and city centre.

Workers will feel like they are working within a landscape, benefiting from easy connections into Tullos Wood and back to the coastal route, enabling walking meetings, lunchtime fresh air and other wellbeing benefits




















04

What is proposed?



The following pages are interactive.
The hand icon identifies buttons which can be clicked to move through the layers which make up the Potential Enhancement Opportunities plan.

Potential enhancement opportunities

-  **Enhanced entrances and connections up into Tullos Wood**
through better access, improved paths and signage from the local community to the north and west, and from the Energy Transition Zone Campuses to the south and east
-  Pathway enhancements and signage to provide a clear 4km **loop between the Cairns**
-  **Improved connections to the coastal path** and back to Tullos Wood
-  **Improvements to the surfacing of the coastal footpath**, including opportunities to stop and rest at key landmarks along the route
-  Enhance the coastal landscape to support **pollinator habitats**
-  **Redesign of the Greyhope Bay Loop** to balance space for people and vehicles
-  **Active travel corridors** along main road with further community corridors to link to the wider network
-  **Cycle Hubs** at key locations to provide city bike, storage and repair
-  Pump track/ **'wheels playground'**
-  Improved and expanded network of **informative signage**, across a range of topics
-  **Improvements to St Fittick's Park**. Increasing opportunities to rest, play and enjoy wildlife, wetland improvements and board walks
-  **Extension of the green network** into the local Torry community by improving local greenspace through for example planting and seating
-  **Increasing tree cover** and extending landscape corridors into the wider townscape.
-  **Improving East Tullos Burn** and wet lands through improvements to water quality and rebalancing of species.
-  **Edible trails** linking existing and supporting future growing areas within Torry neighbourhood and the Industrial Estate

To understand the full build up of the ETZ proposals, please click through this series of plans



Network paths

Allocations

Planning

Campuses

Enhance



To understand the strategies behind the ETZ proposals, please click through these plans

Strategies

Connections

Landscape



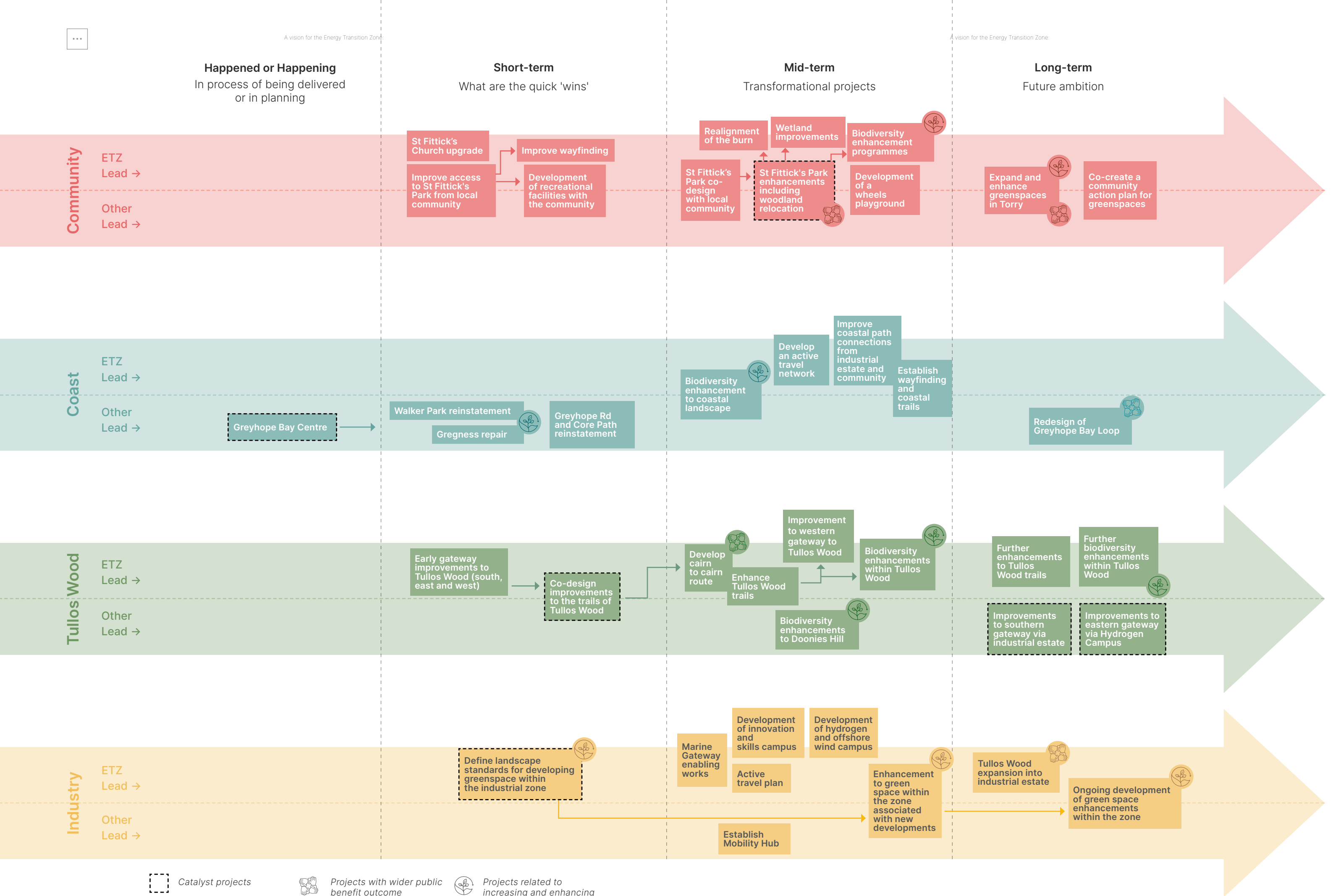
05 Implementation

This chapter sets out an approach to implementing the potential projects described in this vision.

The implementation diagrams describes those projects ETZ will lead, those which will likely be lead by others, and potential collaborative projects.

These projects have been split into the 4 strands described earlier in the vision; community projects, projects relating to the coast, Tullos Wood projects and business projects.

The phases provide suggestions on when these projects could be targeted, with the longer term projects largely 'bigger ideas' which need further refinement before being realised.



Catalyst projects

Projects with wider public benefit outcome

Projects related to increasing and enhancing biodiversity

Conclusions and next steps

In this document we have set out our landscape vision for how the wider greenspace within the Energy Transition Zone can be developed and improved to provide what we hope will be an exemplar energy transition development site with high quality amenities, a green energy network, active travel routes and recreational green spaces.

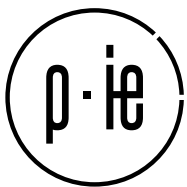
An area that balances the needs of the economy and the local community and leads to significant enhancements to the local environment by improving the quality of the natural environment, retaining the species that are there today, and encouraging improvements to biodiversity.

We are committed to initiating a programme of investment to start to develop the opportunities set out in this vision. We will also be looking for wider collaboration with other stakeholders to deliver the vision to its full potential.

Although the vision sets out the high-level ambitions for improving many of the features of the local area there is still a lot of work to define the detail of these improvements. This is where we look to the local community to work with us to help define this and ensure that the places and connections described in this document are in line with the needs and aspirations of those that live near the zone and work within it.

We hope this vision will provide a way to bring together different stakeholders to discuss how we shape the detail of the opportunities set out and ensure their successful delivery.

We want to ensure the Energy Transition Zone becomes an ambitious and transformational development driving positive change for the areas that is sustained for long into the future.





Additional plans

Network paths

The existing network of paths across the zone create a complex movement network.

Proposals to develop within the zone need to carefully consider this network to ensure it is not negatively impacted and network improvements are sought where required.

Alongside the streets which wind through Torry, along the Coast Road and around the industrial estates, the network is also made up of:

Core Paths

These are paths allocated by Aberdeen City Council to provide the basic framework of routes to facilitate reasonable public access through the area.

Footpaths

A wider and more intricate network of footpaths and routes through the zone.

National Cycle Route 1

Long range identified cycle route.



Allocations

The following are allocated in the Aberdeen Local Development Plan 2023.

- Opportunity Site 56 - St. Fittick's Park**

Allocated for ETZ use. "Any development at this site must have a functional association with the South Harbour which precludes it being located elsewhere". A joint masterplan required for OP56, OP61 and OP62 to ensure the Harbour and Energy Transition Opportunities are aligned.

"Measures to avoid, minimise, mitigate, and compensate potential impacts on biodiversity/ greenspace that will ensure at least no net-loss of biodiversity"
- Opportunity Site 61 - Doonies**

Allocated for ETZ use. A joint masterplan required for OP56, OP61 and OP62.
- Opportunity Site 62 - Bay of Nigg**

Allocated for the development of the Aberdeen South Harbour, including Gregness and any associated infrastructure. A joint masterplan required for OP56, OP61 and OP62.
- Opportunity Site 64 - Former Ness Tip**

Allocated for a solar farm.
- Policy B5**

"Within the areas identified as Energy Transition Zone on the Proposals Map, there will be a presumption in favour of the development, production, assembly, storage and/or distribution of infrastructure required to support renewable energy related industries; this includes offshore wind, tidal, hydrogen and solar.

...

Development proposals will be required to include suitable open space and landscape enhancements for the wellbeing of people and wildlife."



Planning permissions

OP 56, 61 and 62

A Planing Permission in Principle (PPiP) application is being prepared for the development of the 'Marine Gateway', including Opportunity Sites 56 and 62 for a high value manufacturing facilities associated with Aberdeen South Harbour and OP 61 associated with the Hydrogen Campus.

The impact of this application on St. Fittick's Park, Core Paths 78 and 108, National Cycle Route 1 and the community woodland, East Tullos Burn and St. Fittick's Church is required to be detailed and mitigated within this application.

This vision document seeks further connections and landscape enhancements in addition to the compensation measures required.

Solar farm

In addition to the PPiP, a solar farm and hydrogen hub is proposed on the former Ness Tip and along Hareness Way respectively. The intention is for these to connect to and assist in the production of renewable hydrogen, within the future Hydrogen Campus. Within the solar farm, additional wildflower meadow planting is proposed to connect to the pollinator coast.



The campuses

Marine Gateway

The Energy Transition Zone is situated adjacent to Aberdeen South Harbour, the UK’s largest marine port development. The expanded harbour has been developed to provide an ideal port for space intensive industries such as offshore renewables including offshore wind and green hydrogen.

Skills Campus

The Skills Campus will be dedicated to energy transition skills located next to North East Scotland College. The campus will provide new teaching and demonstration facilities, spacious workshops and cutting edge equipment to allow the college to offer a wide range of welding and fabrication courses. The campus will include flexible teaching and demonstration spaces tailored to energy transition skills, working with the local community and college to deliver inclusive job opportunities.

Innovation Campus

The Innovation Campus will provide a supportive innovation ecosystem helping businesses grow and flourish across the Zone. The development will include a state-of-the-art Energy Incubator and Scale Up Hub and 3,000m² of flexible industrial collaboration space.

Offshore Wind Campus

Almost 17GW of floating wind projects are within 100 nautical miles of Aberdeen accounting for 60% of ScotWind licenses. The Wind Campus will have the world’s first National Floating Wind Innovation Centre and provide premium sites for high value manufacturing opportunities.

Hydrogen Campus

The Hydrogen campus will include 15 hectares of developable land and will support the significant low carbon hydrogen production growth opportunity across the region. The Green Hydrogen Test and Demonstrator Facility will be the anchor project within the campus designed to provide “on-demand” hydrogen to industrial users.



Back to

Enhance

Connections strategy

- Enhance the connections into Tullos Wood from the west** - to encourage greater usage by the local community. Enhancements to Core Path 103 could include streetscene improvements, SUDs, planting, street lighting, wayfinding, places to rest and public art.
- Tullos Wood Gateway South** - as an extension of the Innovation Campus this provides the opportunity to use Tullos Wood to develop a world class work environment, improve access to nature at work and make a wider landscape connection to Kincorth Hill Nature Reserve across Wellington Road
- Tullos Wood Gateway East** - enhancement of the existing offer by linking Tullos Woods to the coastal route. The gateway can be a key part of the Hydrogen Campus, linking existing landscape with the Energy Transition Zone and helping to create a unique work environment. Further opportunities for additional eastern connections into Tullos Wood from Altens Industrial Estate to encourage greater use.
- Tullos Wood Gateway North** - enhancement of the northern repaired connection to improve connections between St Fittick's Park and Tullos Wood. Providing an alternative route which opens up the northern face of Doonies Hill (away from solar panels) to Tullos Wood and to the Coastal Path to connect to the eastern gateway and the Hydrogen Campus.
- Cairn to Cairn route.** Pathway accessibility enhancements and signage to provide a clear 4km loop between the Cairns, explaining the historic significance of the monuments and clearly signposting key connections onwards, including further historic connections to St. Fittick's Church and Torry Battery.
- Enhancement to the Coastal Path** - linking key landmarks and increasing accessibility through pathway improvements, landscape improvements, places to stop and rest, connections to the eastern Tullos Wood gateway hub and cycle hire points.
- Redesign of the Greyhope Bay Loop** - from road to public realm. Public benefit project, rebalancing the majority of the 3km loop to make space for people to get into the outdoors, whilst retaining vehicular connections to the car parks. The public realm would guide towards the landmarks of Torry Battery, community cafe, reinstated Walker Park and Girdle Ness Lighthouse. With existing car park and route through the golf course, opportunity for the route to be accessible to all and expand the potential for recreational opportunities such as Parkrun, as well as passive elements such as additional rest stops and signage.
- Active travel corridors** along Hareness Road and Wellington Road to ensure all Energy Transition Zone campuses are safely accessible by zero carbon means. This means providing a commuter route into the city in addition to the leisure cycle route of NCR 1. Additional cycle hubs to provide storage, hire and repair in each campus, with further community based active travel corridors identified also.
- Pump track/ 'wheels playground'** - with space for BMX, motorbikes, skateboards, scooters, skaters and wheelchairs to formalise the existing condition for a range of different users.
- Wayfinding.** Improve and expand the network of informative signage, across a range of topics (historic, landscape, transition etc.)



Landscape strategy

- Enhancements to St. Fittick's Park** considering play space, open space, woodland, habitat areas, planting, board walks and improvements to the wetland and burn.
- Extending recreation areas into the wider Torry neighbourhood** using available green spaces such as seating, wildlife planting, play spaces.
- Enhancement of Tullos Wood** to improve and connect ecological corridors and expand the woodland coverage into the industrial estate.
- Extending tree planting** – extension of tree planting within green areas of the local community and within the zone landscape. Tie into other trails and ensure a unique setting for the workspaces. Enhance sustainability credentials such as green/ brown roofs, SUDs and water recycling etc.
- Re-finding the burn.** Expanding the burn and wetlands within St Fittick's Park and exploring sustainable drainage solutions (SuDS) through the industrial estate. Opportunity lies to create a narrative around the former alignment of Tullos Burn through a series of SuDS to improve water quality and enhance the streets between Torry and Tullos Wood (following Core Path 103).
- Edible trails** - tying into the existing allotments, community garden and linking to new opportunities such as Tullos Wood gateway hubs and campuses, as well as the primary school and other community facilities.
- Habitat connections** - Expanding the opportunity for nature corridors, from Kincorth Hill Nature Reserve, through Tullos Wood, to St Fitticks Park, with a dissecting route provided by the railway line.

- Key**
- Enhancement of St. Fittick's Park
 - Expansion of recreation within available green spaces in Torry neighbourhood
 - Enhancement and expansion of Tullos Wood
 - Extension of tree planting
 - Enhancing the burn and wetlands
 - SuDS to improve water quality following former alignment
 - Edible trails
 - Habitat connections
 - B-line Pollinator coastal connection



To understand the strategies behind the ETZ proposals, please allow review the connections strategy by clicking below:

Strategies

Connections

Landscape