

DRAFT

**Re—
Imagining
Iveragh**

Place real message here eventually, sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo. Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut odit aut fugit, sed quia consequuntur magni dolores eos qui ratione voluptatem sequi nesciunt. Neque porro quisquam est, qui dolorem ipsum quia dolor sit amet, consectetur, adipisci velit, sed quia non numquam eius modi tempora incidunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim ad minima veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur? Quis autem vel eum iure reprehenderit qui in ea voluptate velit esse quam nihil molestiae consequatur, vel illum qui dolorem eum fugiat quo voluptas nulla pariatur.

Ut enim ad minima veniam, quis nostrum exercitationem ullam corporis suscipit laboriosam, nisi ut aliquid ex ea commodi consequatur? Quis autem vel eum iure reprehenderit qui in ea voluptate velit esse quam nihil molestiae consequatur, vel illum qui dolorem eum fugiat quo voluptas nulla pariatur.

LUIGI FERRARA
DEAN, CENTRE FOR ARTS,
DESIGN & INFORMATION TECHNOLOGY
DIRECTOR, INSTITUTE WITHOUT BOUNDARIES

CONTENTS

- # Who are we?
 - The Institute without Boundaries
 - The Authors
- # Skellig Kerry, A Region in Transition
- # Field Research & Insights
- # Projects
- # Next Steps
- # Appendix

THE INSTITUTE WITHOUT BOUNDARIES

The IwB is an academic program and studio that practices collaborative design to create social, environmental, and economic innovations. The 2015-2016 academic year saw students and faculty working closely with the Kerry County Council in Ireland and the residents of the Iveragh Peninsula to create cultural and economic stimulation in the region.

This year's cohort came from diverse backgrounds which ranged from sciences to graphic design. Guided by the common goal of creating a strong and vibrant Iveragh, each of us brought a different perspective to the project. The most interesting ideas came not when we obediently agreed, but when we openly communicated our disagreements and advocated for our beliefs--in turn our differences enriched the 5 projects presented in this book.

As outsiders to Iveragh we had a unique opportunity to explore the region with a fresh perspective. Unencumbered by preconceived notions of the region, we identified assets that were forgotten or overlooked; these assets guided our strategy for sustainable growth.

To us, Iveragh is a place of stunning landscapes, warm hospitality, and immense possibility.



THE AUTHORS

The Authors

John Abila

Michelle Cheung

Talia Kalendar

Lius Liu

Viraj Pathare

Shrey Chhatwal

Audrey McMan

Amanda Nasturzio

Anuta Skypka

Hassan Zaki

Jane Zhang

Images being f
inalized *

Images being f
inalized *

Images being f
inalized *

Images being f
inalized *

Images being f
inalized *

Images being f
inalized *

Images being f
inalized *

Images being f
inalized *

Images being f
inalized *

Images being f
inalized *

Images being f
inalized *

Images being f
inalized *

Images being f
inalized *

Images being f
inalized *

Images being f
inalized *

DRAFT

The Institute without Boundaries

DRAFT

**SKELLIG KERRY
A REGION IN TRANSITION**

A REGION IN TRANSITION

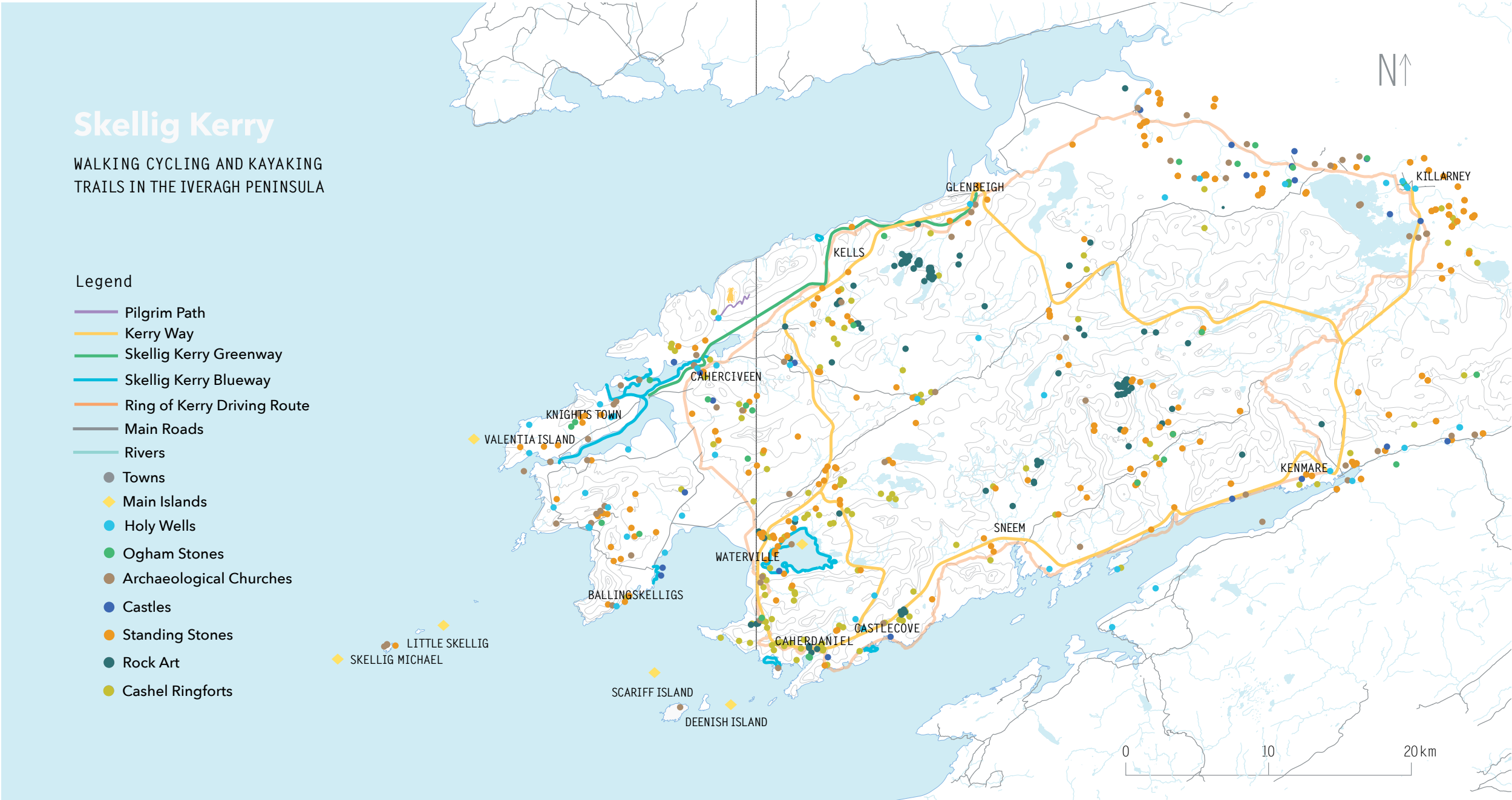
Iveragh is an example of a prevailing problem facing so many remote rural regions around the world. The remoteness that Iveragh faces is not merely because of its physical geography, it's a peninsula surrounded by mountains, but also because of its lack of connections. It's a place that is not globally connected due to its lack of broadband connection and relevancy to the global economy. It also is lacking in infrastructure which isolates the peninsula from the rest of Ireland and the residents of the region from one another.

The global trend towards urbanism is threatening the survival of places like Iveragh; and this is a major issue since the majority of the world does not look like Tokyo or Dubai-- huge sprawling urban metropolises... instead much of the world looks like Iveragh-- rural, remote and struggling to be relevant and stay connected. This begs the question: how do we balance remoteness in a highly globalized world?

Iveragh is not a place that's been left behind, but it is in transition.



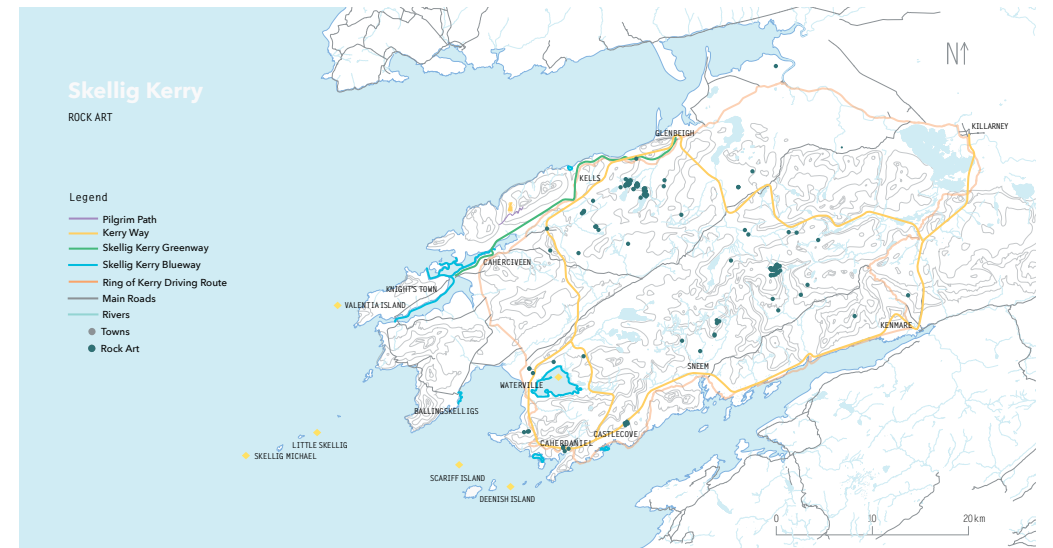
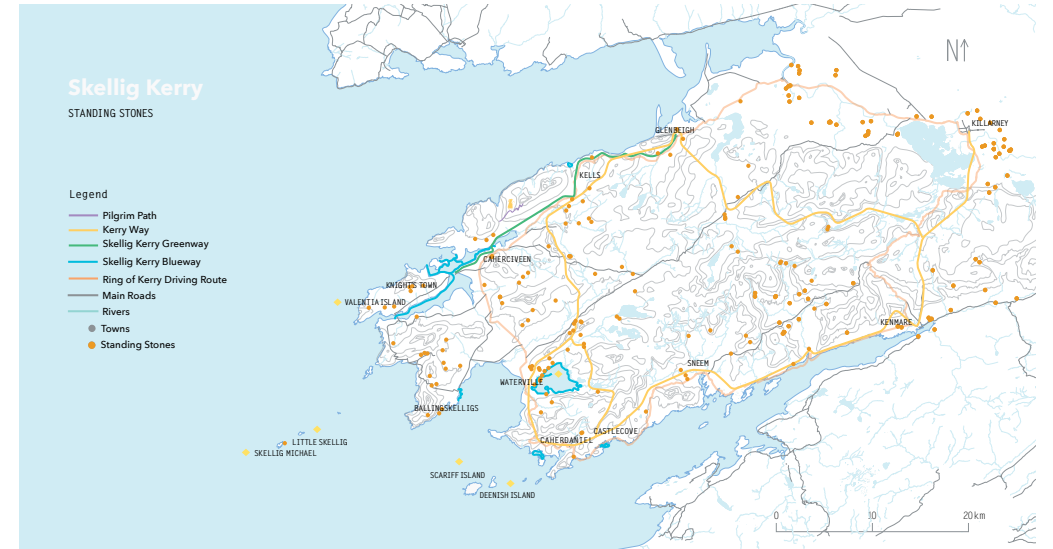
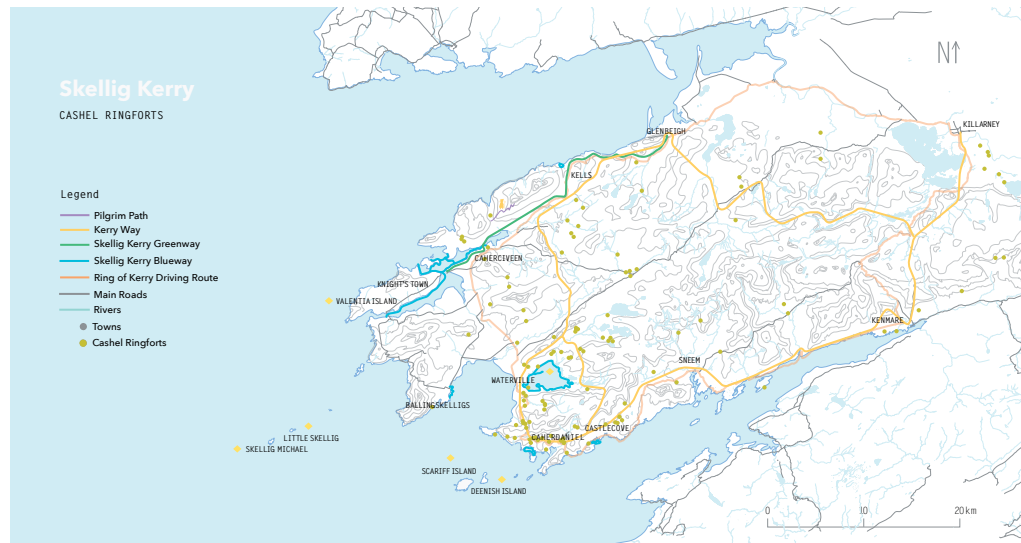
The Institute without Boundaries DRAFT



DRAFT

The Institute without Boundaries

DRAFT

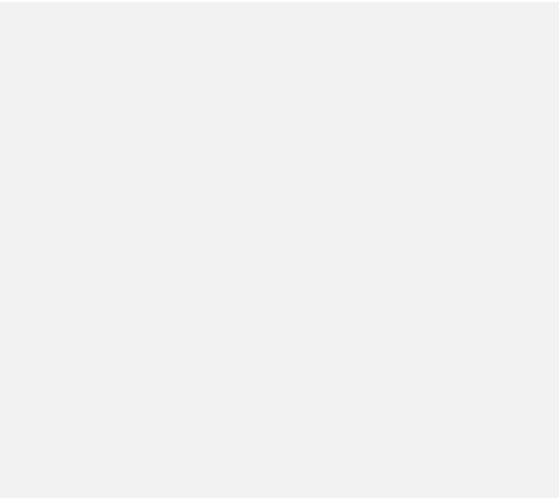
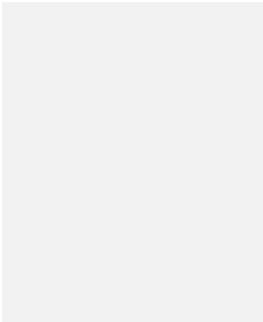


WHAT IS A REGION IN TRANSITION

Rural regions in transition are regions that are experiencing significant changes in social and economic domains. They can experience both positive and negative transitions; some regions experience increasing population and growing economies, while others have a hard time staying relevant in the fast-paced and ever-changing modern global economy. But so what? Rural regions are necessary to our global economy because they provide many of the resources global societies require, so when they aren't transitioning in a positive way, it has a ripple effect beyond their borders. There are many challenges rural regions face that pose a risk to their sustainability and affect their resiliency. The main challenges rural regions in negative transition experience are: depopulation, lack of economic diversity and connection.

Rural regions that have precarious economies such as seasonal tourism and mono-industries are vulnerable to change and have a hard time adapting to them. Seasonal tourism does not provide consistent sources of income and requires people to look for other opportunities. Mono-industries such as agriculture, paper mills and oil are risky when these industries struggle and people begin to leave and look for work elsewhere. Agriculture-dependent industries require very high input but do not have high returns economically. Moving away from a precarious economy requires more value to be added to existing industries by diversifying their functions: seasonal tourism could be extended by adding off-season activities and mono-industries such as agriculture could increase value by creating a stronger brand and providing cheaper inputs.

Many young people leave rural communities to look for places that offer a larger range of employment options. When people leave the community, they take with them their culture, knowledge, and skills, depriving the community they left behind economically and socially; without people, a community cannot survive. Consequently, a vicious cycle begins to occur, the tax base decreases and social services such as healthcare begin to dissipate. Diminishing social services in rural communities discourage new residents settling in the town and this cycle continues unless the population is stabilized. Population stabilization requires opportunities to attract young people and new residents to live and work in rural communities.



Decreased tax base, lowered public spending on social services, and dwindling markets threaten businesses to close down. Local entrepreneurs and businesses struggle to compete with larger markets and fight for diminishing sources of income. Disconnection and fragmentation of communities ensue and risk the economical security. It is easy for people to isolate themselves in order to protect themselves, but in face of great crises, it is ever more important for collaboration to exist. Connectivity is not only a challenge at the social scale, but also physical. Physical connectivity through roads and transportation are imperative to sustaining rural regions. New platforms need to exist to strengthen social and physical connectivity for resiliency to exist in communities.

A rural region in negative transition experiences a domino effect that begins with a lack of economic diversity. Employment opportunities become scarce and depopulation occurs with the community aging and no young people to replace their workforce. The tax base decreases and public spending along with social services fall in correlation. Furthermore, when physical infrastructure is cut off, people, money and investment slowly stop reaching the regions. This further worsens depopulation and in turn the decrease in tax base and the cycle continues. All of these factors threaten the survival of rural regions in transition and the effects begin to ripple globally. It is imperative that these regions implement and tackle these challenges within the frame of sustainable growth that eases them out of these trends and back on track to being vibrant communities where people want to work, live, and play again.

DEPOPULATION:

By 2030, 60% of the world's population will live in cities.

In 2010, over 40,000 Irish citizens quit the country, 33,100 were in the 15-24 age bracket.

In a large telephone survey of rural Ontario youth, only 19% of the youth reported that they considered their community as capable of providing them an opportunity to pursue post-secondary education within the rural area.

Youth are leaving because of a lack of entry-level career opportunities here and the relative abundance of opportunities in Western Canada. Last year, the unemployment rate among Nova Scotians age 20-29 was 12%. In the Prairie Provinces, it was 6%

Some 200,000 people move into cities across the globe each and every day

"The attitude of peers and parents is one of the reasons youth leave. When they hear things like 'this place sucks' and 'there's nothing for you here,' of course they're going to leave."

Urbanization is not merely a modern phenomenon, but a rapid and historic transformation of human social roots on a global scale, whereby predominantly rural culture being rapidly replaced by predominantly urban culture

LACK OF ECONOMIC DIVERSITY:

Some 15 million people have left farming in France, Germany, Belgium, Luxembourg and Italy since 1957. In the US, the number of farms has shrunk from 6.5m in 1935 to under 2m today. As the number of farms falls, so the size of those left grows--creating more industrialized farms.

“Many feel that too many of our economic eggs are in the oilsands basket.”

Since the mill's closing in 2008, unemployment in Millinocket has fluctuated between 10 and 21 percent, well above the state average over the same period. The town has aged, and it has shrunk: The median age has doubled since 1970, from 25 to 51, and the population dropped to 4,466 in 2010 from 7,742 in 1970.

The optimism did not last long. Hashima's fortunes started on a downhill slide in the late 1960s when Japan's economy soared and petroleum replaced coal as the pillar of national energy policies.

“In the rush to industrialize farming, we've lost the understanding, implicit since the beginning of agriculture, that food is a process, a web of relationships, not an individual ingredient or commodity.”
- Dan Barber

The number of farmers in the UK fell by 23 per cent from 1990 to 2010

“Critical questions are being raised about the capacity of traditional industrial agricultural methods to sustain global food production for a growing world population”

LACK OF CONNECTIONS



Isolated communities often have the added complication of poor roads, which make services less attainable.

If only looking at the rural portions of Alabama, 56 percent of residents are lacking access that meets today's speed requirements.

"I see young people today who will be without jobs if we continue down this course [of not providing broadband access to remote regions of Canada] because we're in a knowledge economy and knowledge transfer depends on high-speed networks and we do not have that in Canada — at least not in rural areas."

"If we don't trust each other or understand each other's approach to change, our efforts will most likely crack under pressure."

**FIELD RESEARCH
& INSIGHTS**

IMAGINING IVERAGH CHARRETTE JULY 2015

In July 2015, the IwB held a day-long workshop in Waterville, County Kerry with 54 people to ‘Imagine Kerry’ together. Facilitated by Luigi Ferrara and Heather Daam, from the IwB, the workshop was an opportunity for the people of Kerry to express their visions and ideas for the region— and in particular what they felt were areas of opportunity.

DRAFT

DRAFT

IMAGINING IVERAGH FIELD RESEARCH NOVEMBER 2015

In the fall of 2015, IWB students and faculty travelled to Skellig Kerry where we met and talked to more than 300 residents. We spoke to high school students, farmers, business owners, stakeholders, and teachers. The IWB conducted interviews, held aengage the local community in the design process.

Co-Design Sessions

While in Skellig Kerry, we had the opportunity to hold a co-design session with residents and stakeholders of the region. During this session, we invited locals to take part in the design process and to give us their feedback, comments and concerns. Thus, the design direction reflects the wants, needs and desires of the people we are designing for.

Charrettes

A charrette is an intensive and immersive workshop where an interdisciplinary group of people collaborate to solve a design problem. This year, three charrettes were done to push our Skellig Kerry projects forward. The Kerry Charrette, the Toronto International Charrette, and the Dean's Charrette at George Brown College.

Interactive Research Toolkits

As we prepared for our field research, we created a number of toolkits to effectively target and engage the audience we determined would be important to speak to. These toolkits reflect different target audiences and have been created to acquire specific insights about the region and their experiences.

Interviews

We spoke to many people throughout our research process. They each had their own story to tell, providing us with a number of perspectives to take into consideration when designing for the people of the region.



YOUNG PEOPLE FEEL THERE ARE VERY FEW OPPORTUNITIES FOR THEM IN THE REGION

CO-DESIGN SESSIONS

INTERACTIVE DESIGN TOOLKITS

“There’s no community centre here to hang out, which is why we play sports or go to the beach when its sunny.”

“Friends are your only source of T.V”

“We don’t want Iveragh to turn into a big city, we like that it’s the country, and that it’s full of Irish heritage”

“The only jobs in Iveragh are sheep farmer or teacher”

“Our teacher told us that there aren’t jobs here [Kerry] and we’ll have to leave to make money.”

“The only thing to do here is Gaelic Football.”

“I would like a McDonalds to open here so that I could work somewhere and have a place to hangout with my friends.”

“I might come back here to have a family. But I’ll work somewhere else.”

“We are told to only job shadow in Dublin or Cork”

“Everyone here is Irish, we need other people from other parts of the world to give us new ideas”

THE LACK OF INFRASTRUCTURE AND SERVICES MAKES IT DIFFICULT FOR EVERYONE TO ACCESS THE REGION AND ITS OPPORTUNITIES

CO-DESIGN SESSIONS

INTERVIEWS

“Back then the hospital did more, for example small surgeries and treated different illnesses. Now the doctor visits once a week. When I had a baby, I had to go to Tralee.”

“I go shopping once a month, the group and I will use the bus to go to Killarney and get all we need.”

“There isn’t too much to do [for young adults] during the winter.”

“I quit football this year because it was too hard to get to practice.”

“It’s the community that runs the hospital, tourist office and coast guard”

“People go to Killarney to shop. People go to Tralee to the hospital”

“There’s no public sewage system here [Caherdaniel].”

“It is important to improve its infrastructure because part of its absolute charms is its isolation, but in isolation there is difficulty in people having sustainable employment, in order to make sustainable employment we need to look at things differently”

“If I have a doctor’s appointment, I call around to see who can take me there.”

“It took me 6 years of advocating the council to get a water treatment plant in Waterville to ensure that raw sewage wasn’t being dumped into the ocean...next to the beach where people sunbathe.”

FARMING IN IVERAGH IS EXTREMELY
DIFFICULT ECONOMICALLY, GEOGRAPHICALLY,
AND POLITICALLY. IT'S NEARLY IMPOSSIBLE

CO-DESIGN SESSIONS

CHARETTE

INTERVIEWS

SURVEYS

"There are so many farmers that are being left behind."

"Hotels and Restaurants don't serve local food."

"Funding must be decentralized and distributed more locally"

"It's ironic that hotels/ restaurants don't support and buy from local farmers and want to increase tourism at the same time, when the scenery tourist come for is highly dependant on farmers grazing the land."

"Small farmers don't usually have time to go to agriculture meetings in Dublin to represent themselves"

"As farmers, we need to diversify our skills. Every farmer has something besides farming. Farming does not provide enough income as it only brings in 5000-6000 euros per year"

"Summer is the only time there is work."

"It's ironic that hotels/ restaurants don't support and buy from local farmers and want to increase tourism at the same time, when the scenery tourist come for is highly dependant on farmers grazing the land."

"There are not a lot of jobs outside of farming and fishing."

**THE LANDSCAPE IS HIGHLY
VALUED, BUT IS ALSO SEEN
AS A BARRIER BY LOCALS**

INTERVIEWS

INTERACTIVE DESIGN TOOLKITS

“Our land is suitable
for trees. The Irish
state bought poor
land and planted co-
niferous trees but it
is too acidic. Now we
can’t plant anymore
of these trees. The
needles fall off and go
into the water.”

“Tourists come for
landscape sustained
by farmers, but there
is no direct benefit to
farmers from tourism”

“Our people,
Our culture,
Our scenery”

“There are tensions
between utilizing land
for agriculture, forestry
or conservation”

“Even after decades
of seeing the same
scenic views, when
you take a moment
to stop whatever it
is that you’re doing
and just look upon
the water, sometimes
it feels like you’re
seeing it for the first
time, and I love that.”



TOURISM IN THE REGION IS HIGHLY SEASONAL

CO-DESIGN SESSION

INTERVIEWS

SURVEYS

“I can’t keep my business open during the winter, I take a free-lance contract for 6 months of the year. I reopen during the summer.”

“About 60% of holiday homes are vacant here during the off peak season”

“Most people book tour buses in the summer”

“The Ring of Kerry is a parking lot, bumper to bumper cars during the summer months. But it’s very quiet the rest of the year.”

“[Because of a lack of business] the Blind Piper is the only pub during the winter from Waterville to Cstlecove

“There is a lack of open shops, pubs during the winter season.”

“We make all of our income in the summer”

“The beach walks in the area are not properly exploited. Why can’t we do beach walking holidays during the winter.”

“There’s not enough people coming through the [gallery] doors. Winter is a big challenge”

“While tourism is big. It could be more”

“There are 11,000 summer homes in the peninsula”



IVERAGH HAS UNTAPPED POTENTIAL THAT IF TAPPED CAN MAKE A GREAT DIFFERENCE IN THE REGION

INTERVIEWS

INTERACTIVE DESIGN TOOLKITS

“Great place for families, they just have to come back.”

“There’s so much craftsmanship among the people, it would be great to see more of their work.”

“People lost Muinin and it needs to be brought back.”

“I’m determined to make a difference here, but I can’t do it by myself”

“There is existing infrastructure to house social programs in Kerry, i.e. the vacant buildings in and around the region.”

WHAT IS SUSTAINABLE GROWTH?

For Iveragh means education about the environment, strengthening pride in the residents of their culture, and creating employment through diversification of industries.

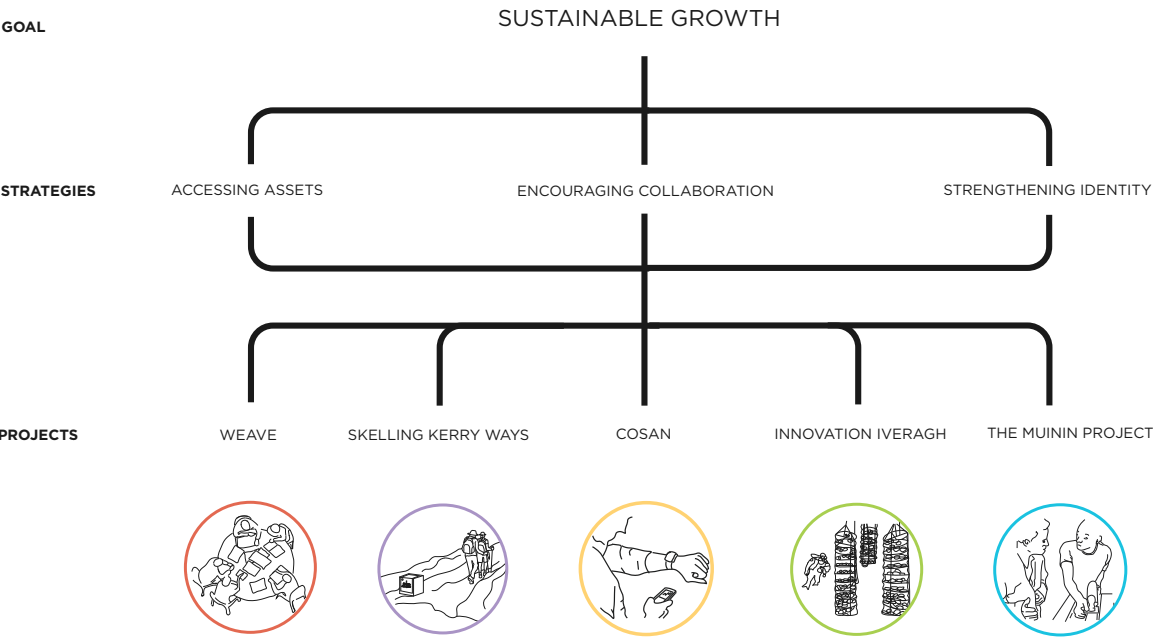
This can be achieved through creating sustainable growth in the region that is economic, environmental and socially conscious.

Economic growth is creating more employment opportunities for residents in the region and the diversification of industries.

Environmental growth is educating residents and visitors about the region’s landscape and resources and how they can be properly sustained.

Social growth is strengthening the resident’s pride of the region and creating a community that works, shares and collaborates together.

To establish sustainable growth in the region, we have developed 3 strategies: Encouraging Collaboration, Strengthening Identity and Accessing Assets.



ACCESSING ASSETS

this strategy looks to showcase the assets of the region to not only the residents but also the world. To utilize existing assets in order to create new industries. Additionally, maximizing research efforts regarding the environment, as well as maximize the resources that exist in the region. The goal from utilizing the existing research and resources is to create unique opportunities for residents.

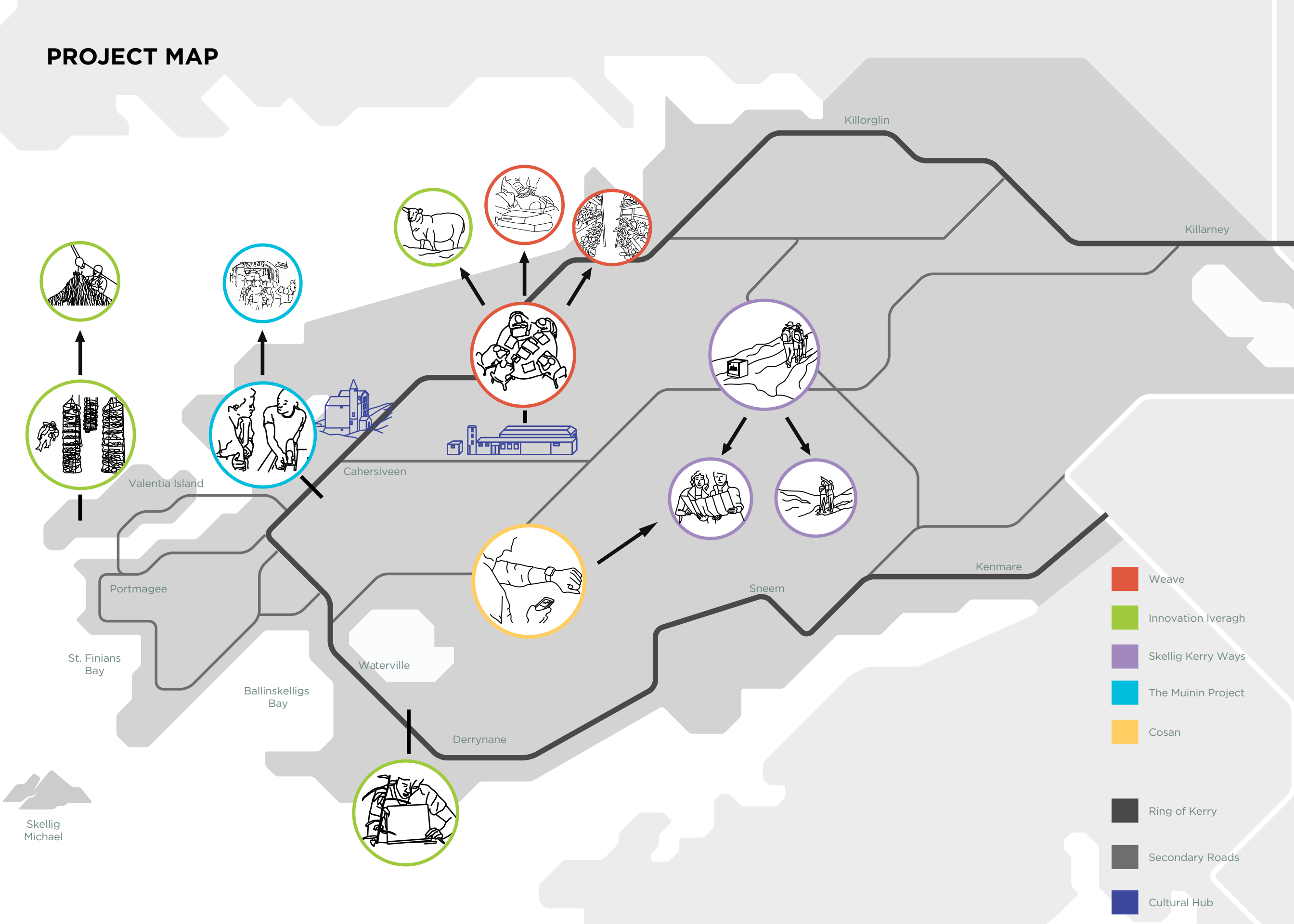
STRENGTHENING IDENTITY:

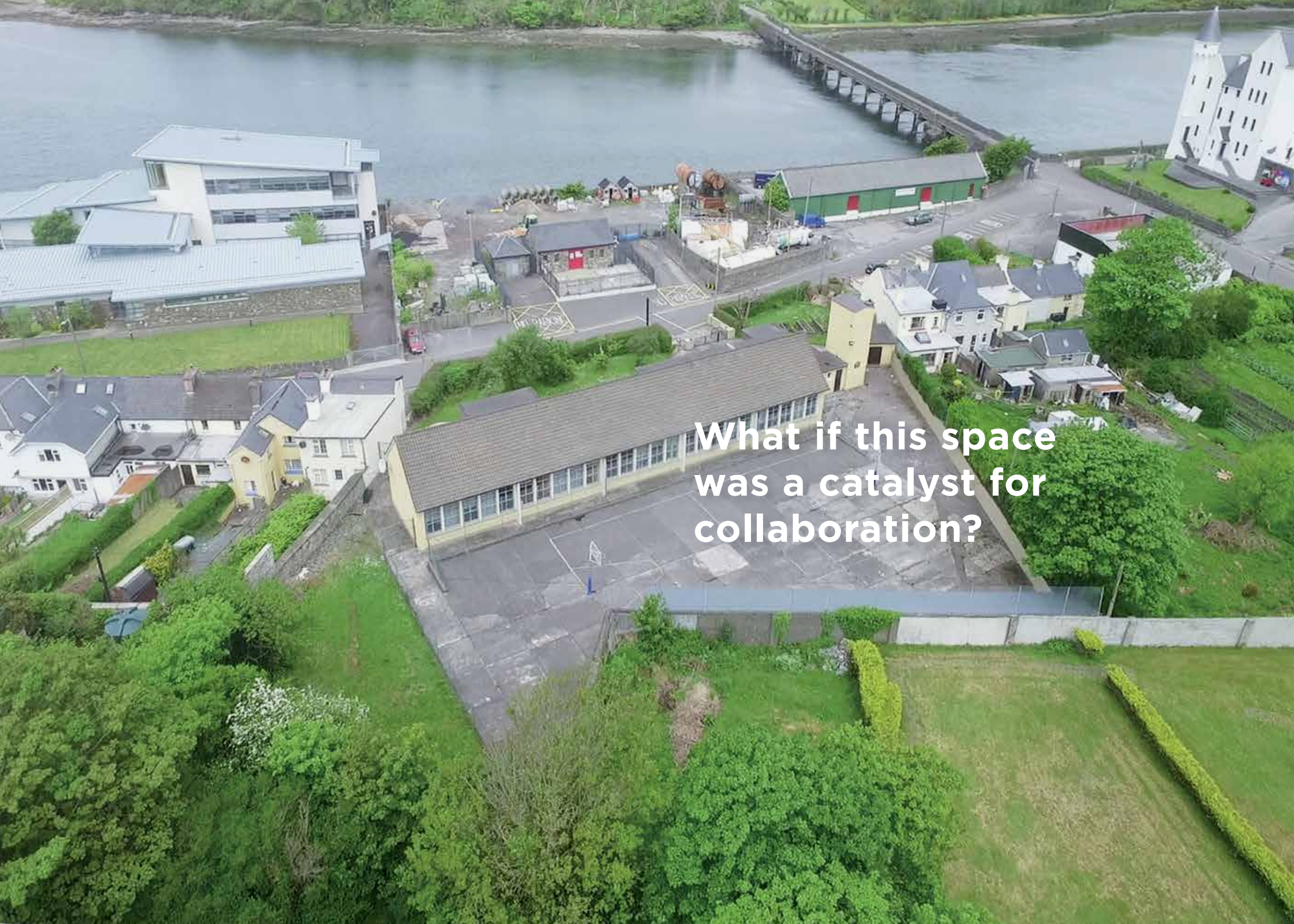
this strategy looks to celebrate Iveragh’s rich culture and history. This strategy also aims to showcase not only to Ireland but the rest of the world what makes Iveragh unique. Strengthening Identity is about highlighting Iveragh’s vast potential and well as build a sense of belonging amongst residents, to create a strong and vibrant community. To create a sense of ownership amongst resident’s in Iveragh’s success.

ENHANCING COLLABORATION

this strategy looks to enhance the collaboration and cooperation amongst residents. It also looks at creating connections between residents as well as with resources. The heart of this strategy is create create partnerships that are both internal and external. Encouraging collaboration aims to create a community space for residents that will act as a place maker for the region. Overall this strategy looks to connect not only the residents of the region but connect Iveragh to the rest of the world.

PROJECT MAP





What if this space
was a catalyst for
collaboration?

LINKING POSSIBILITIES

Weave is a space that fosters collaboration, community building, and an entrepreneurial spirit in the Skellig Kerry region.

Located in Cahersiveen, Weave is a catalyst for the area--turning it into the cultural centre of the region. It will offer public and private space for collaboration and events, and will bring community and businesses together by offering workshops, resources, support for entrepreneurs, and work space. Weave will encourage entrepreneurs, students, community advocates, scientists, artists and researchers to come together and create new initiatives and businesses. One such initiative housed inside Weave will be the living lab and incubator, Innovation Iveragh. There will also be a range of opportunities for youth to get involved and gain working experience through internships and The Muinin Project.

CREATING SUSTAINABLE GROWTH

Weave supports sustainable economic growth for the region by providing a space for collaboration, community building and encouraging entrepreneurship.

Weave strengthens the identity of the region by creating a central cultural hub where locals and visitors to the region can meet, work, and play.

Weave encourages collaboration by offering a place for locals to connect with one another to create new community initiatives and businesses.

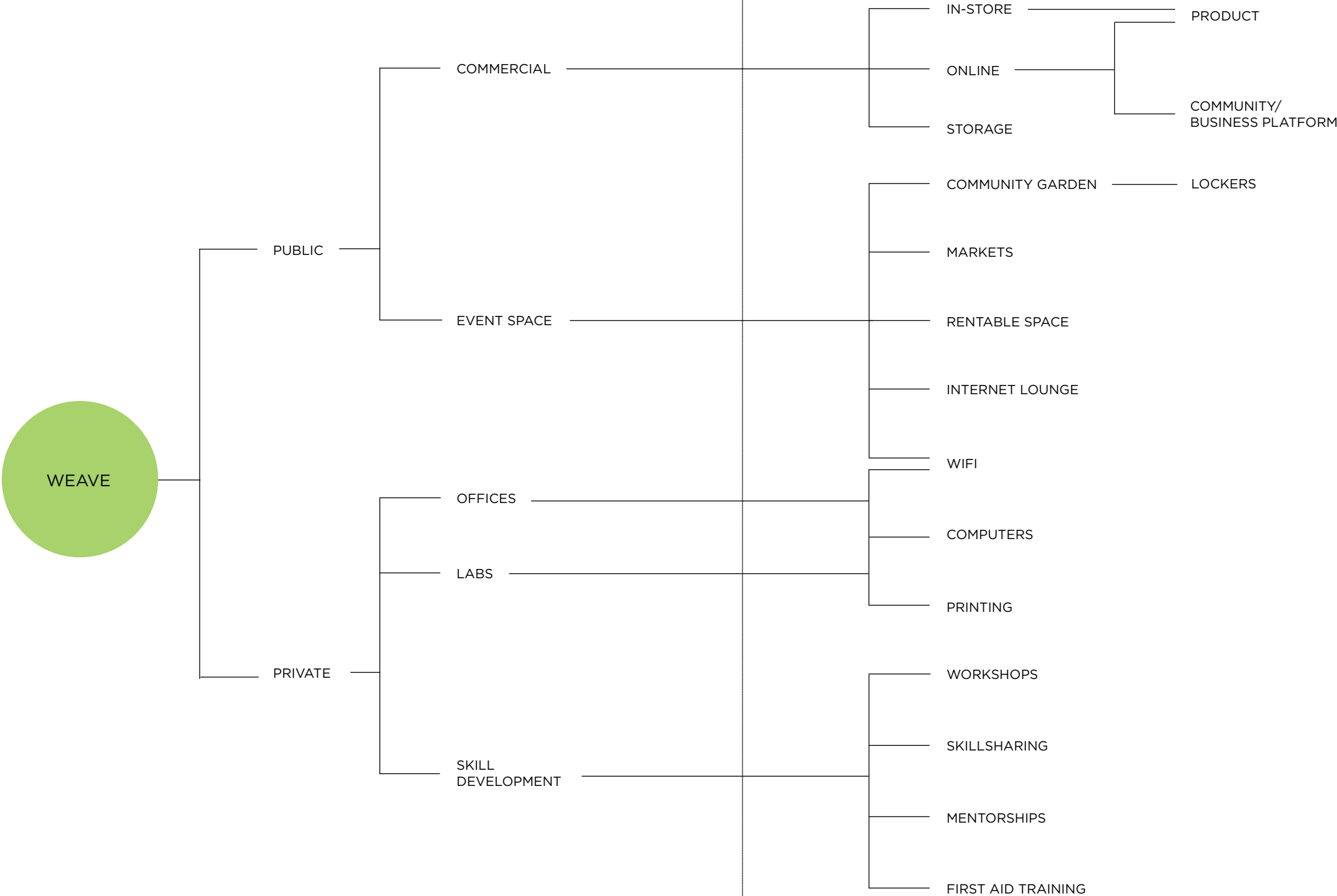
Weave facilitates accessing assets by acting as a gateway to the region.



COMPONENTS DIAGRAM

The Institute without Boundaries

DRAFT



DRAFT

WEAVE CONCEPT SCHEME

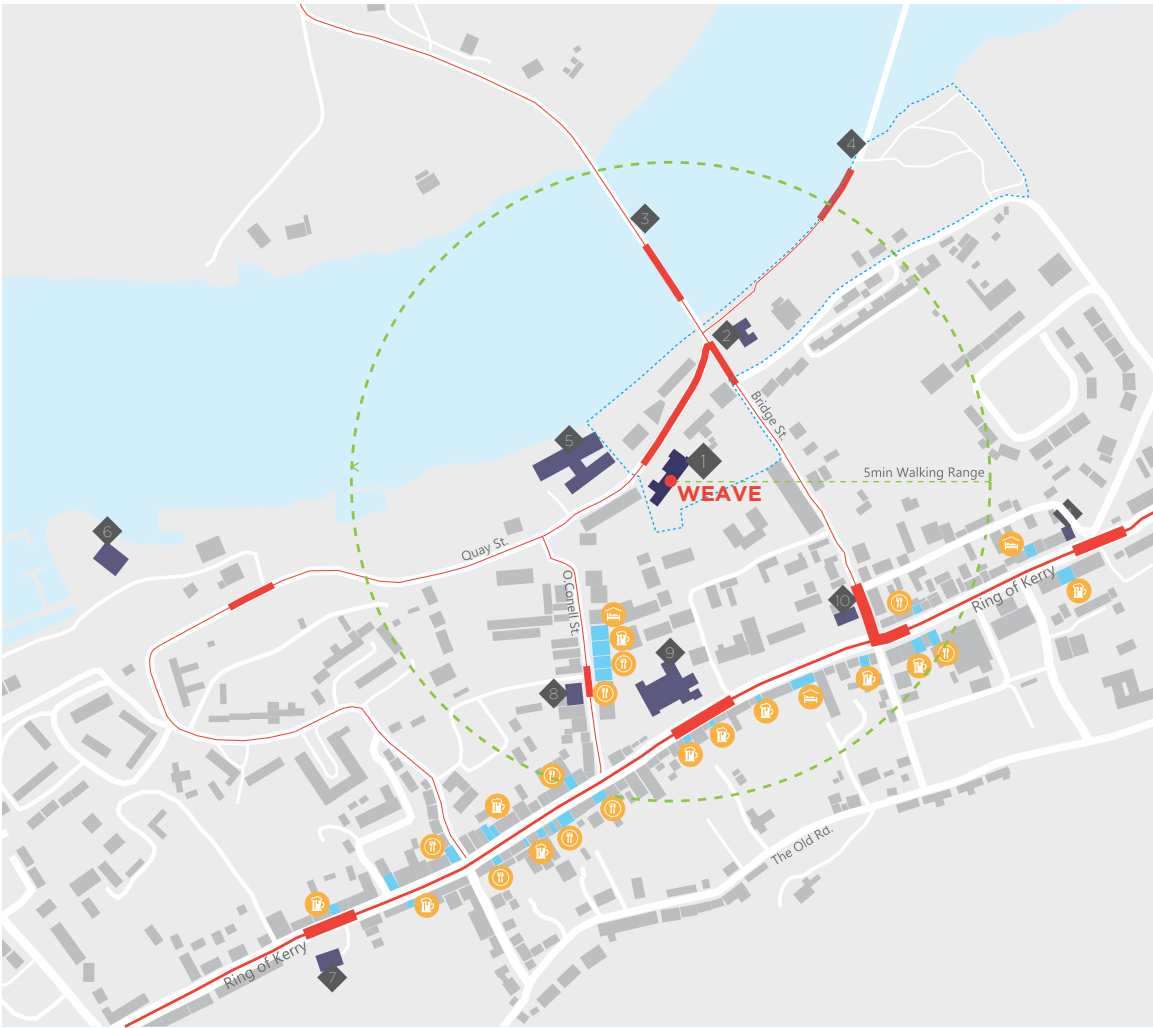


Proposed WEAVE area Walls will be modified WEAVE site

DRAFT

The Institute without Boundaries

WEAVE ASSET MAP



1
Cahersiveen Cultural Nodes
Projects, buildings, attractions

2
The Old Barracks

3
The bridge to old forts

4
The old railway bridge

5
Cahersiveen new government building

6
The dock

7
The old oratory

8
Art wall of Cahersiveen 1

9
Daniel O'Connell Memorial Church

10
Cahersiveen Town Hall

11
Art wall of Cahersiveen 2

Assets of the Cultural Nodes
Pubs, restaurants, hotels, partnerships

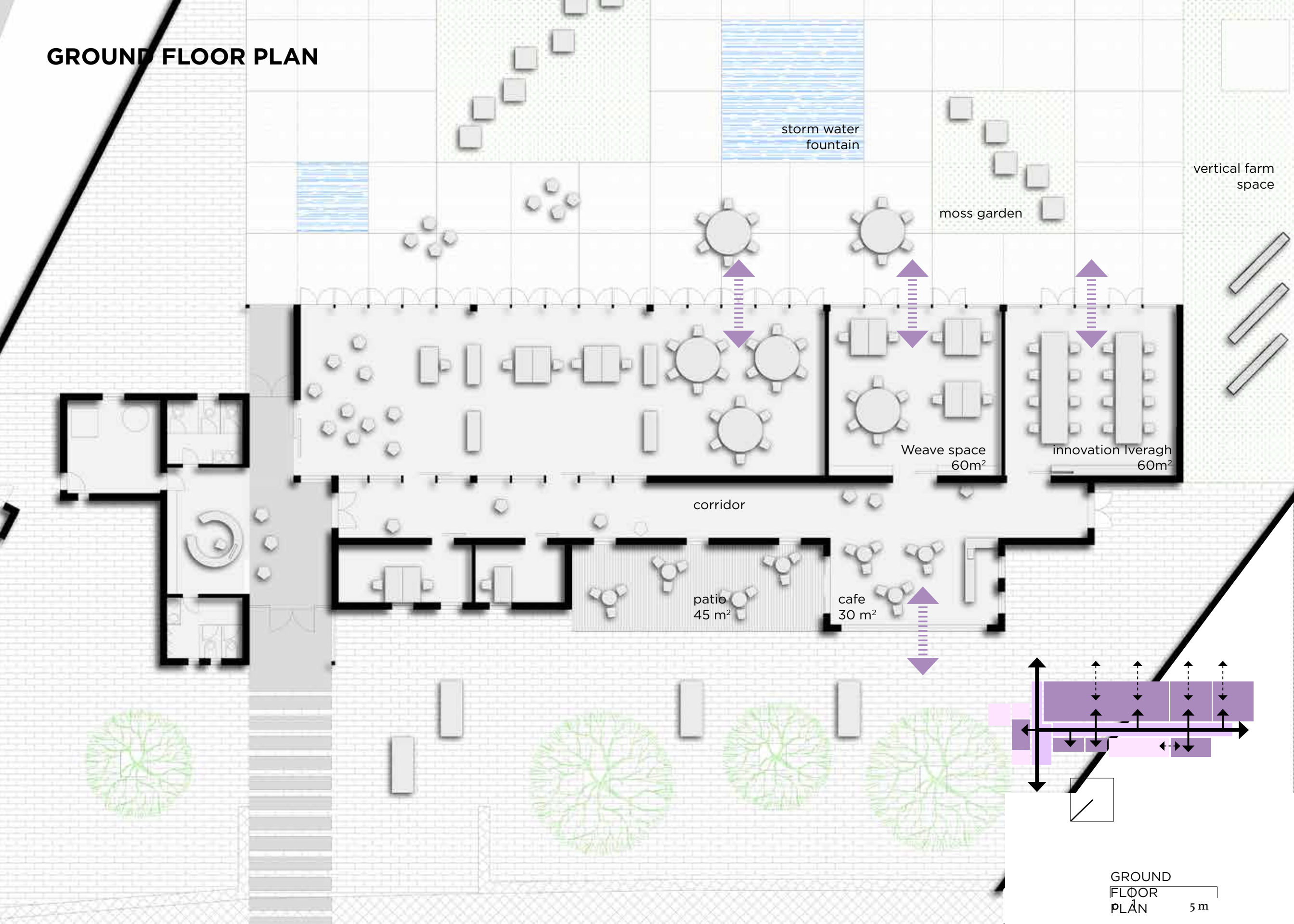
Major Spots and Connections on the Roads

Proposed New Weave Area

Further assets

DRAFT

GROUND FLOOR PLAN





The Front Entrance to Weave. We propose to revitalize and use the vacant primary school, Scoil Mhuire Na Mbráithre Críostai as the space for Weave. This space will act as the gateway to the many things that Skellig Kerry has to offer.



The outdoor public space will provide seating and lounge space for members, locals and visitors to use. Locals and visitors can access broadband and find out about events and opportunities in the community. Throughout the year, this outdoor space will host markets, festivals and private events to strengthen the identity of the cultural hub.

The indoor space, which provide guests to access Weave mentorships, skills sharing, and development. These outlets provided by Weave will help create a space of learning new ideas to help the whole community grow.

Weave will offer support with writing a business plan, registering a business, developing a brand, designing and printing, applying for funding, identifying target audiences, reaching clients, developing concepts, prototyping and implementing ideas.

Skills development workshops will be taught through online and visitor speakers lectures. Some of the topics include: app development, web design, Adobe Creative Suite, computer programming and 3D prototyping.



DRAFT



Category
Co-Working

Organization
Workhaus

Location
Toronto, ON

PRECEDENTS

WORKHAUS

The Workhaus' aim is to create Toronto's finest co-working community of startups, independent professionals and freelancers. Additionally, making space available for hosting events, seminars, shows & social gatherings

Members of Workhaus express a desire to have a sense of community while working, rather than staying in their own home, the need and dependency of a dependable and reliable wifi connection and having a comfortable space with a kitchenette.



Category
Community Hub

Organization
Artscape

Location
Toronto, ON

PRECEDENTS

WYCHWOOD BARNS

Wychwood Barns' aim is to create Toronto's finest co-working community of startups, independent professionals and freelancers while also making space available to host events and programming for the public. Independent professionals and freelancers while also making space available to host events and programming for the public.

HOW DO WE GET IT STARTED?

WEAVE IMPLEMENTATION

2017

2018

2019

2020

Partnerships

External Funding

Capital Construction

External Funding

Wifi

Long-term Employment

Office and Lab Space Open

Open Lounge Space Open

Public Events and Programming

The Institute without Boundaries

DRAFT

DRAFT

WEAVE SOCIAL PROGRAMMING

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Open Public Working Space

Private Event Space

Membership Availability

Private Event Space

Food Festival

Artistan Market

Muinin Project Exhibition

Dark Sky Festival

Christmas Market

WEAVE COSTING

Budgets being finalized *

DRAFT

KEY RESOURCES

Diagram Being Finalized*

Weave aims to bring community projects, business and social engagement to life from the ground up. This central point for engagement and possibilities will bring all community members together by offering resources to help define the region as a stronger connected area. The resources that will better unite the region is reliable access to broadband, space for work and play. Weave’s unique format of bringing various projects and programs together will leverage Caherciveen as a meeting point. This format will work with aspects of revenue generated from reasonable rental space availability, memberships, an internet cafe and events.

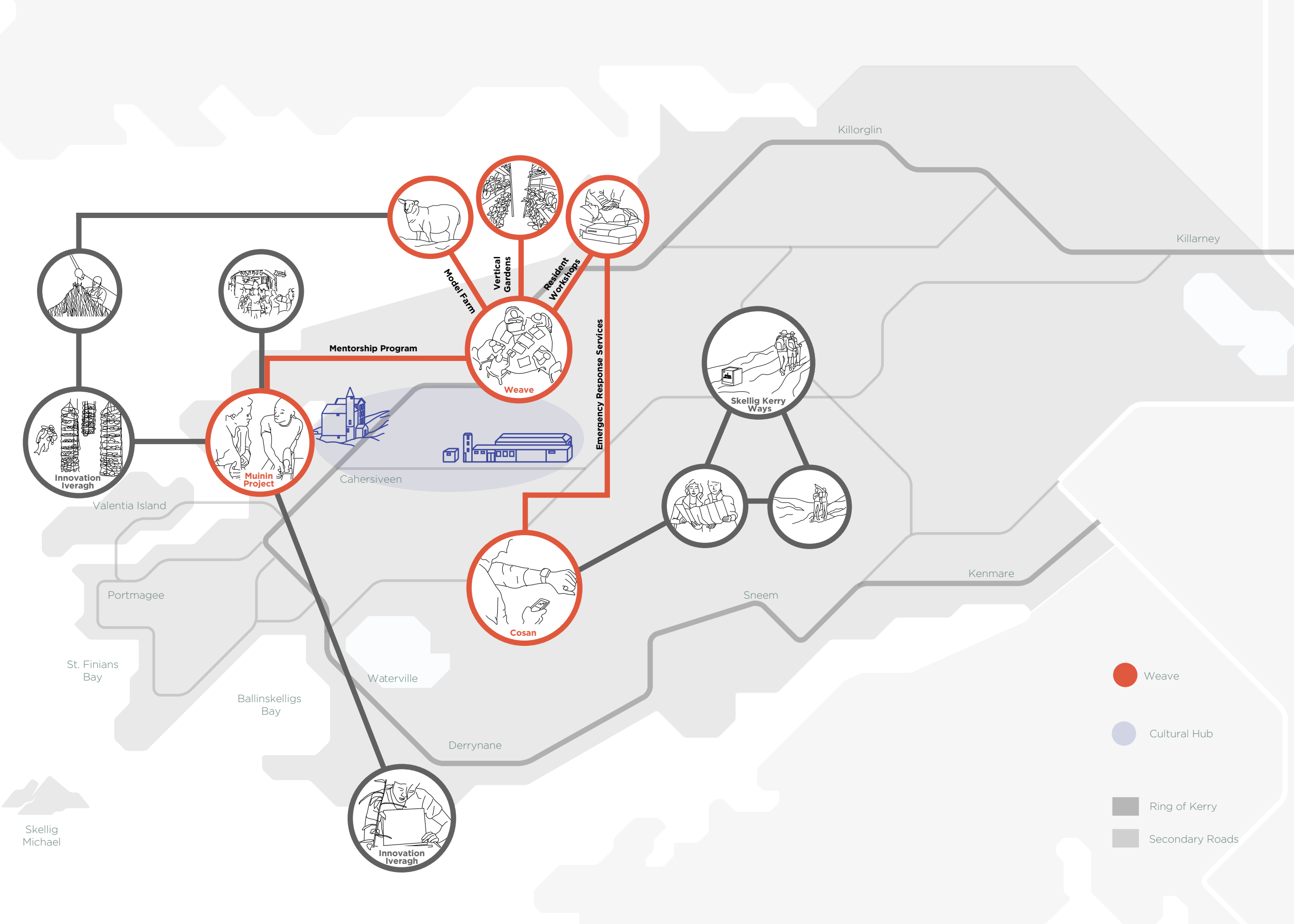
--

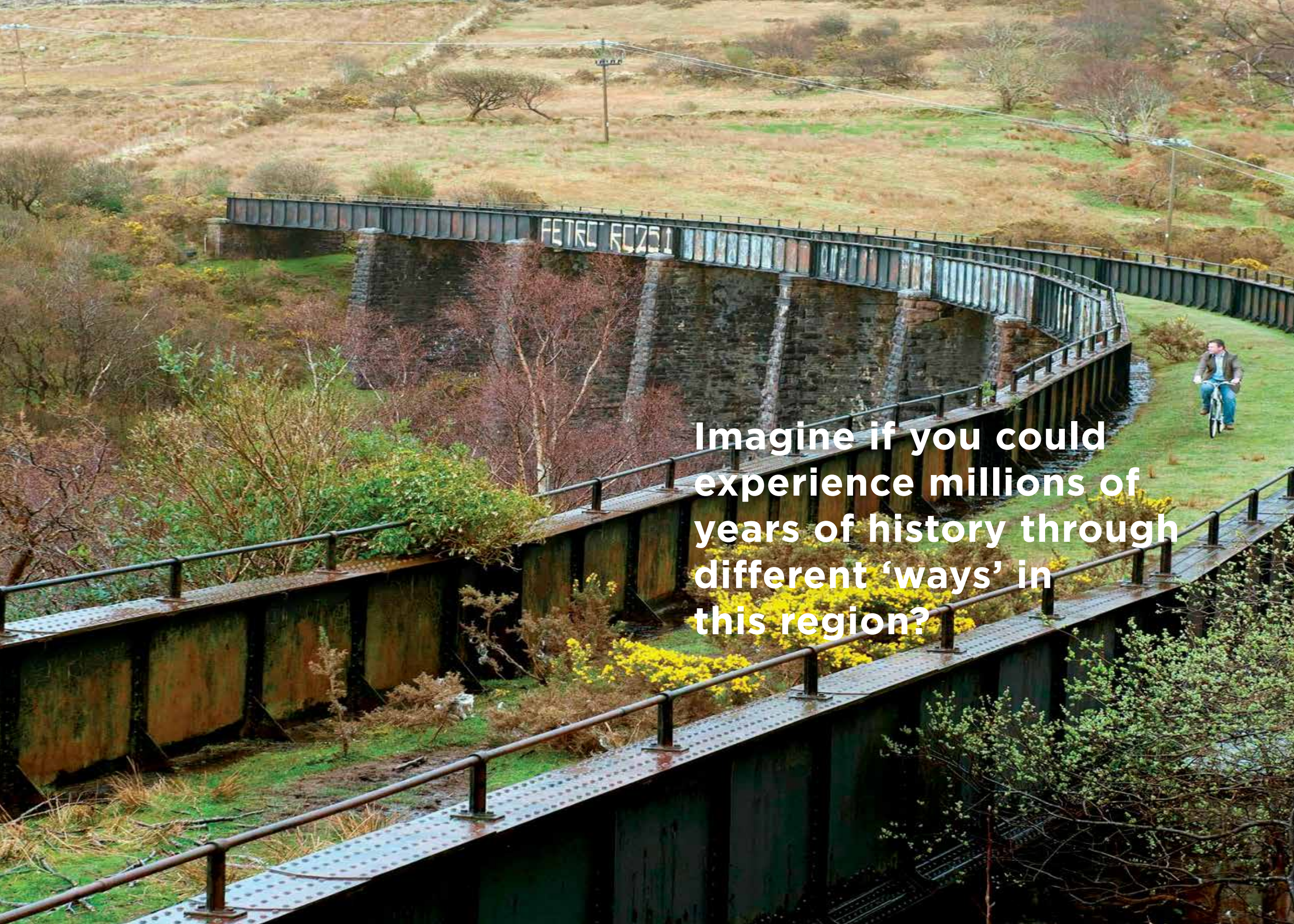
KEY PARTNERS

Diagram Being Finalized*

**Weave is a catalyst
for the region by
creating a cultural
hub for the area
and encouraging
collaboration
amongst locals.**

—





**Imagine if you could
experience millions of
years of history through
different 'ways' in
this region?**

EXPLORE THE WILD

Skellig Kerry Ways is a visual communication project that highlights walking, cycling and kayaking trails in the Iveragh Peninsula to establish the area as a unique destination for active outdoor tourism.

Currently there are multiple websites, maps and brochures about the region from diverse sources which offer varied points of view, voice and visual vocabularies. These sources create complexity and confusion for people who want to explore this region.

The goal is to improve visitors' experience by creating a cohesive, consistent and interconnected experience through a user-friendly pocket map, trail guidebooks, signage and with an aid of basic amenities. As a result, visitors will feel welcomed and more likely to stay and return in the future.

By identifying, connecting and highlighting key natural, cultural and historical assets of the Iveragh Peninsula the project will increase tourism and exploration in the region.

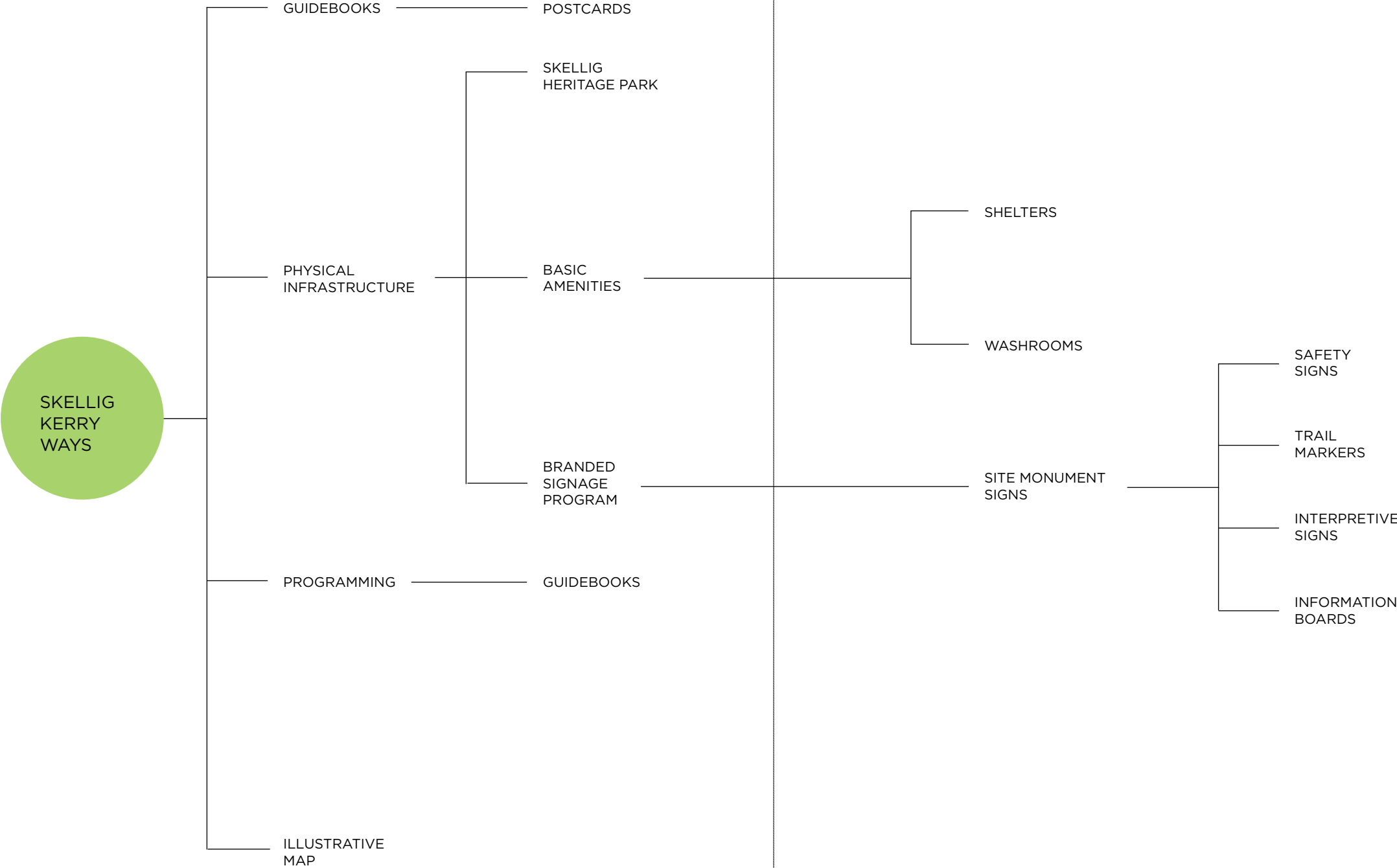
CREATING SUSTAINABLE GROWTH

The project's focus is on bringing sustainable growth to the region through activating natural, cultural and historical assets in the area that will help build a sense of place and create a memorable experience for the visitor.

Skellig Kerry Ways project promotes collaboration between government bodies that maintain the trails and local businesses and residents, most of whom make their livelihood from tourism. The project encourages stakeholders to coordinate their efforts to promote the system of ancient and proposed trails through map and guidebooks; to implement cohesive wayfinding and signage; to offer various levels of experiencing outdoors; to provide inclusive accessibility options along some of the paths and trail entrance points; to support sites with infrastructure such as shelters, benches and bathrooms to serve the public.



COMPONENTS



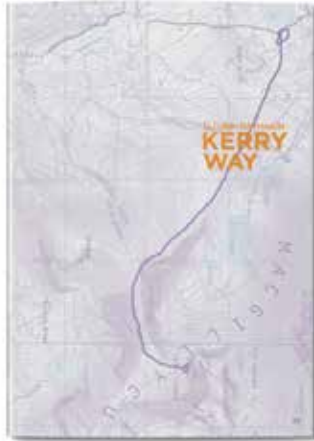
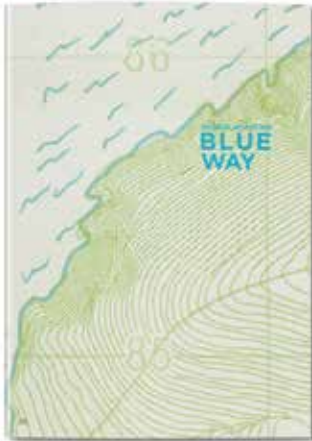
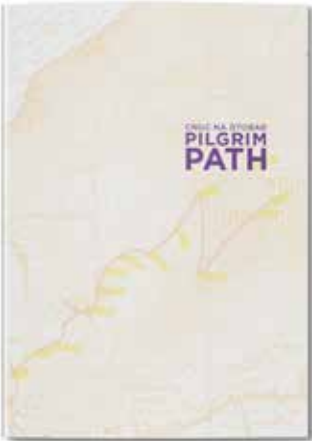
“EXPERIENCE SKELLIG KERRY” MAP

The fun and illustrative map shows visitors what their experience could be like during their visit to the Skellig region. The illustrations show people cycling, kayaking, hiking, swimming, surfing, star-watching, and much more. The strength of the map lies not in its accuracy of scale or distance, but in its ability to humanize the experience; people were drawn into the activities allowing visitors to better relate to the map. The map is a strong tool to express the spirit of Skellig Region.



SKELLIG KERRY WAYS
GUIDEBOOKS

The fun and illustrative map shows visitors what their experience could be like during their visit to the Skellig region. The illustrations show people cycling, kayaking, hiking, swimming, surfing, star-watching, and much more. The strength of the map lies not in its accuracy of scale or distance, but in its ability to humanize the experience; people were drawn into the activities allowing visitors to better relate to the map. The map is a strong tool to express the spirit of Skellig Region.



KERRY GREENWAY WAY BRANDED SIGNAGE PROGRAM

The Kerry Greenway from Glenbeigh to Cahersiveen and Valentia Island in the southwest of Ireland will be one of the world's best and most spectacular walking and cycling routes. The 30km route hugs the side of Drung Hill Mountain over 100m above the Atlantic Ocean with spectacular views, passing through tunnels cut into the mountain and also passing over a 20m high viaduct, along Ireland's Wild Atlantic Way.

The Skellig Kerry proposed branding program is a system of trail markers, trailheads, information boards, interpretive signs, safety signs, and site monuments that enables visitors access to points of interests on the Greenway such as: swimming in Kells Bay Blue Flag Beach, walk on the Cnoc na dTobar Pilgrim Path, hiking on Beentee Mountain, visiting the Old Barracks Heritage Centre, exploring



The Kerry Greenway

Cahersiveen to Valentia Trail

Distance: 10.5km
Access Point: Cahersiveen
Difficulty: Moderate
Time: 2-3 hours
Key Features: Coastal views, historic ruins, and a 100m high viaduct.

The Golden Mile Route to Cahersiveen

Distance: 10.5km
Access Point: Glenbeigh
Difficulty: Moderate
Time: 2-3 hours
Key Features: Coastal views, historic ruins, and a 100m high viaduct.

Glenties to The Golden Mile Route

Distance: 10.5km
Access Point: Glenties
Difficulty: Moderate
Time: 2-3 hours
Key Features: Coastal views, historic ruins, and a 100m high viaduct.

Trail Safety Information

Planning: Check the weather forecast before you start. The route is exposed to the elements and can be very wet and slippery.

Navigation: The route is marked with green and white signs. If you get lost, look for a signpost or ask a local resident for help.

Emergency: In case of an emergency, dial 112 or 999. The nearest medical centre is in Cahersiveen.

Map Legend

- Green line: The Kerry Greenway
- Blue line: The Atlantic Ocean
- Red line: The Skellig Kerry
- Green dot: Access Point
- Blue dot: Beach
- Red dot: Ruins
- Green dot: Viaduct
- Blue dot: Lighthouse
- Red dot: Boat
- Green dot: Signpost
- Blue dot: Map

Trail Safety Information

Planning: Check the weather forecast before you start. The route is exposed to the elements and can be very wet and slippery.

Navigation: The route is marked with green and white signs. If you get lost, look for a signpost or ask a local resident for help.

Emergency: In case of an emergency, dial 112 or 999. The nearest medical centre is in Cahersiveen.

DRAFT

104

DRAFT

Re-imagining Iveragh

Sustainable Growth

DRAFT

105



1.1

PRECEDENTS BY THE NUMBERS

Category
Wayfinding and
placemaking

Organization
Futago Designs

Location
Tasmania, Australia

DESCRIPTION

Futago designs created sculptures using three dimensional numbers. The numbers represent either a date, neasures, quantities, weights, or times. Each of the numbers is custom designed and made for its particular location both in the message it conveys about the site, as well as the specific environment of the site. For example the floating 313 is cleverly designed to rise and fall with the tide, but it also draws attention to, and helps to tell the story of what happened there in times past. In this case is illustrates the number of boats made and launched there between 1825 and 1872.



1.4

1.1 Map

1.2 Arrows pointing to 313

1.3 Floating 313 indicating
number of boats made in
this harbour

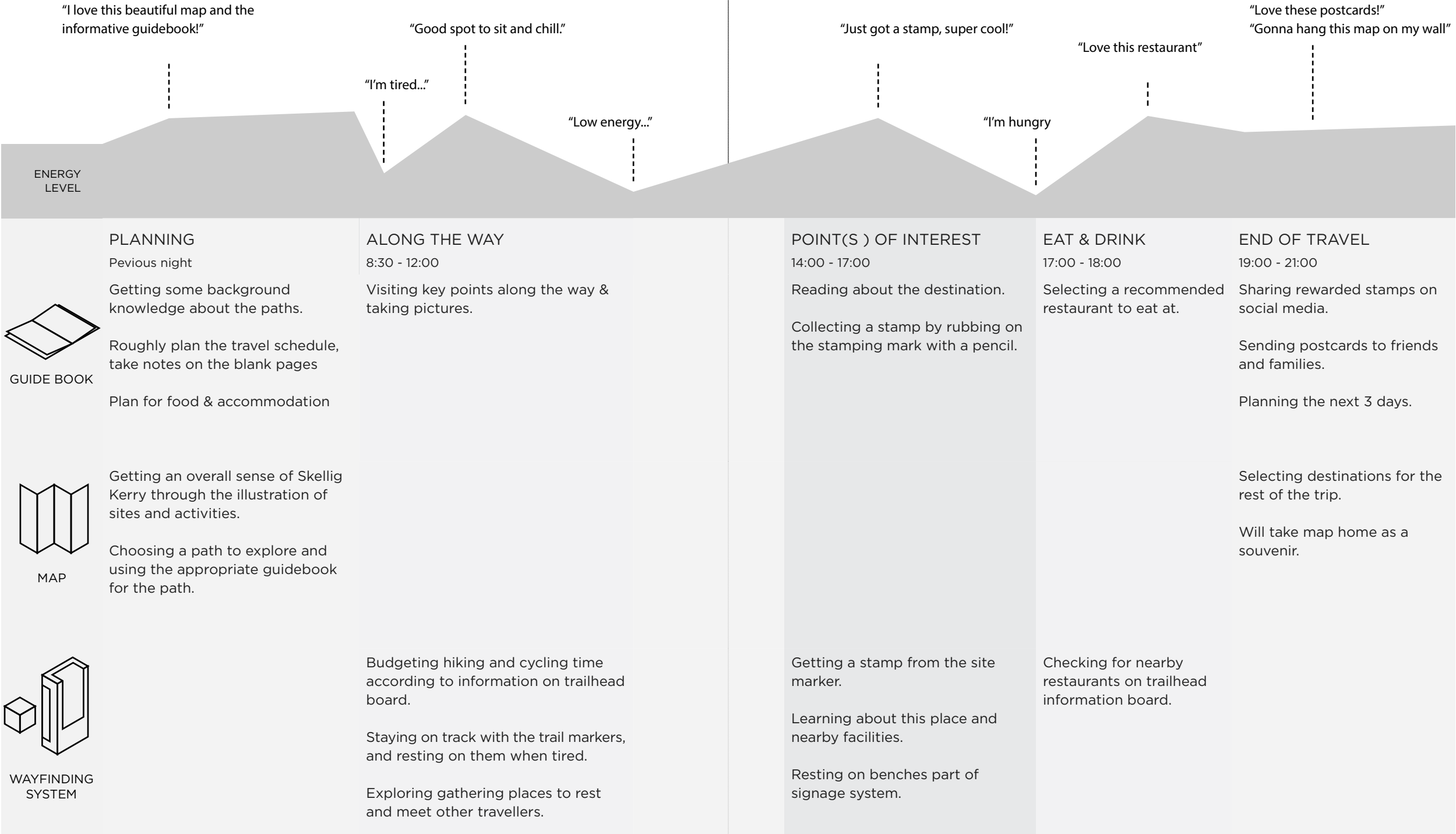
1.4 Information board

Skellig Kerry Ways

User Experience Map

PERSONA

This is a group of students from George Brown College, Toronto, Canada. They have never been to Ireland before, and their knowledge about Skellig Kerry is as much as Rey from Star Wars the Force Awakens. They are going to have a 4-day trip around the Iveragh Peninsula. They discuss and plan the schedule together in the night before the trip.



KEY RESOURCES

Diagram Being Finalized*

The Ways and heritage sites:

Skellig Michael,

holy wells,

ring forts,

castles

Active local residents,

Irish cultural leaders,

the carriers of the knowledge and the stories

KEY PARTNERS

Diagram Being Finalized*

The key partners are the

Kerry County Council,

Failte Ireland,

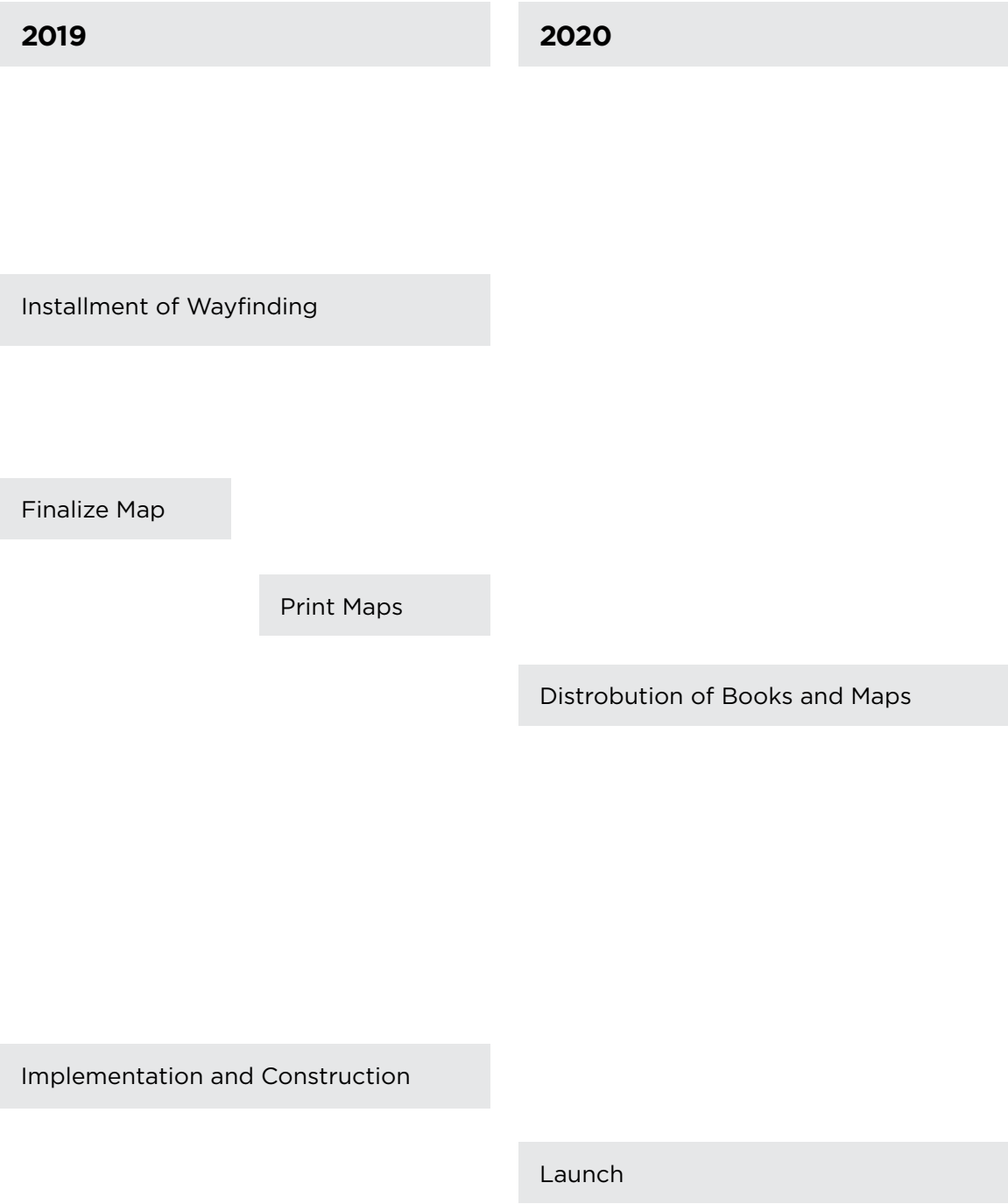
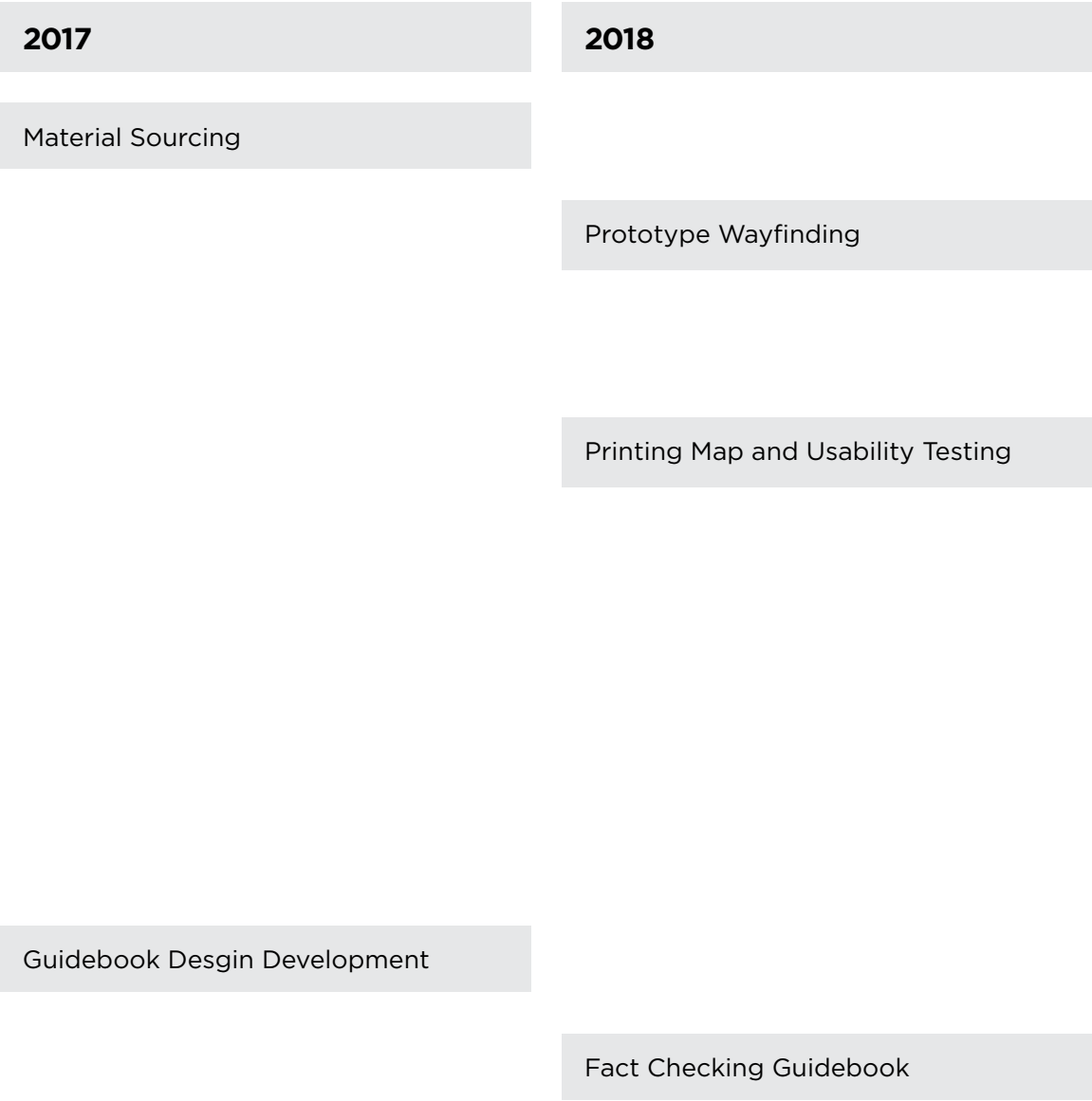
South Kerry Development Partnership, Pilgrim Paths Ireland,

ACARD Limited,

National Trails Office,

HOW TO GET STARTED?

The overall objective is to have the infrastructure, map, and guidebook ready before the toruism season begins, which is May. Thus, all the implementation occurs during the winter.

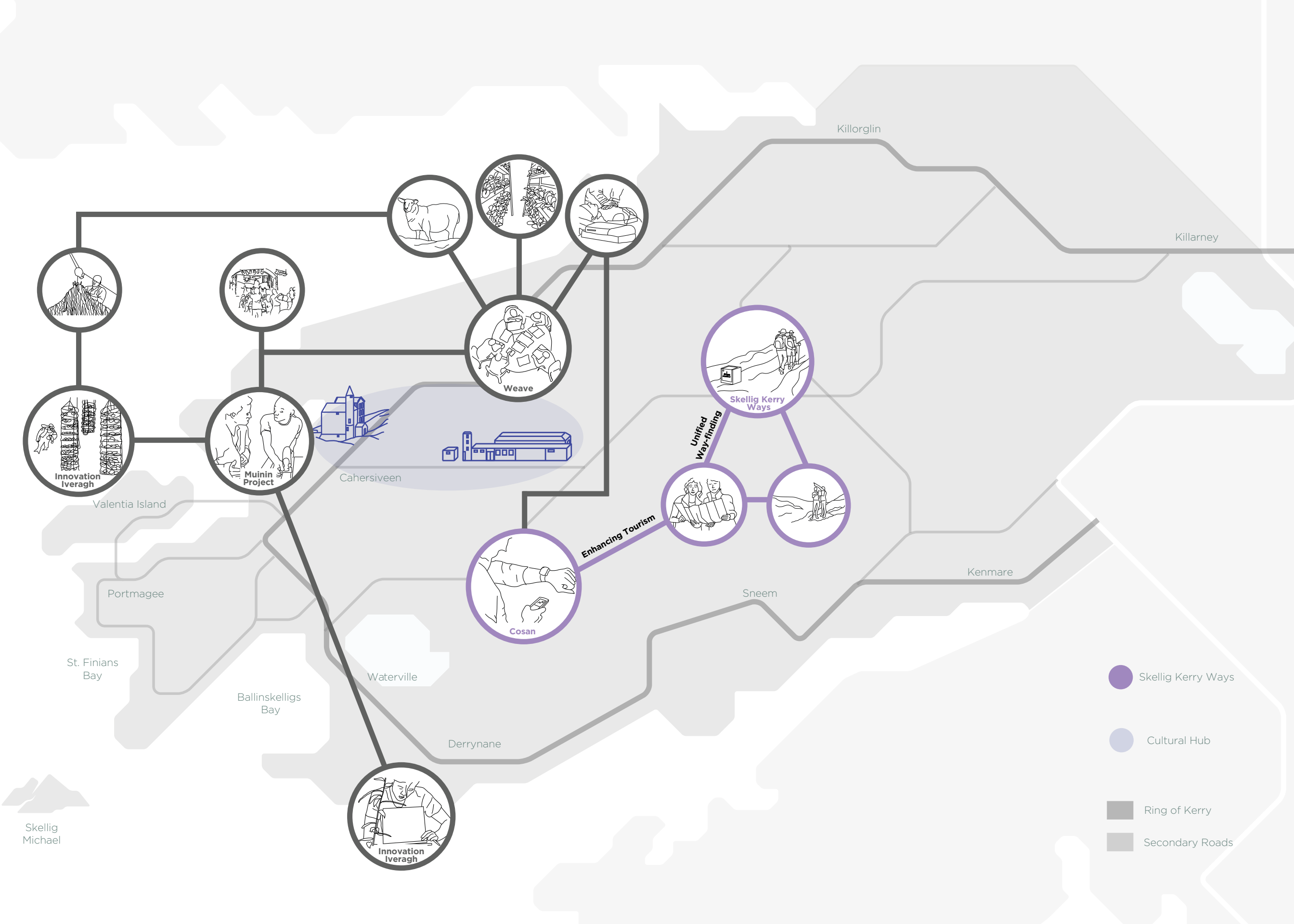



SKELLIG KERRY WAYS COSTING

Budgets being finalized *

DRAFT

Skellig Kerry is rich in heritage and history, the untapped potential of it to boost tourism is key to bringing sustainable growth to Skellig Kerry.





**Imagine a place
at the edge of the
world where you
were never more
connected?**

COSAN

**Skellig Kerry as
the ideal tourist
destination for
safety, health
and wellness.**

—

SAFETY, HEALTH, WELLNESS AND COMMUNITY

While visitors are hiking the Iveragh Uplands, cycling the Kerry Way or even dining at the amazing restaurants in the region-- they can be connected to their own tour guide of the region. A guide that helps them track their health, keeps them safe, and shares all the local knowledge of the region.

Cosan will create an enhanced tourist experience by creating a bracelet that allows visitors to live their best lives as they travel around the peninsula.

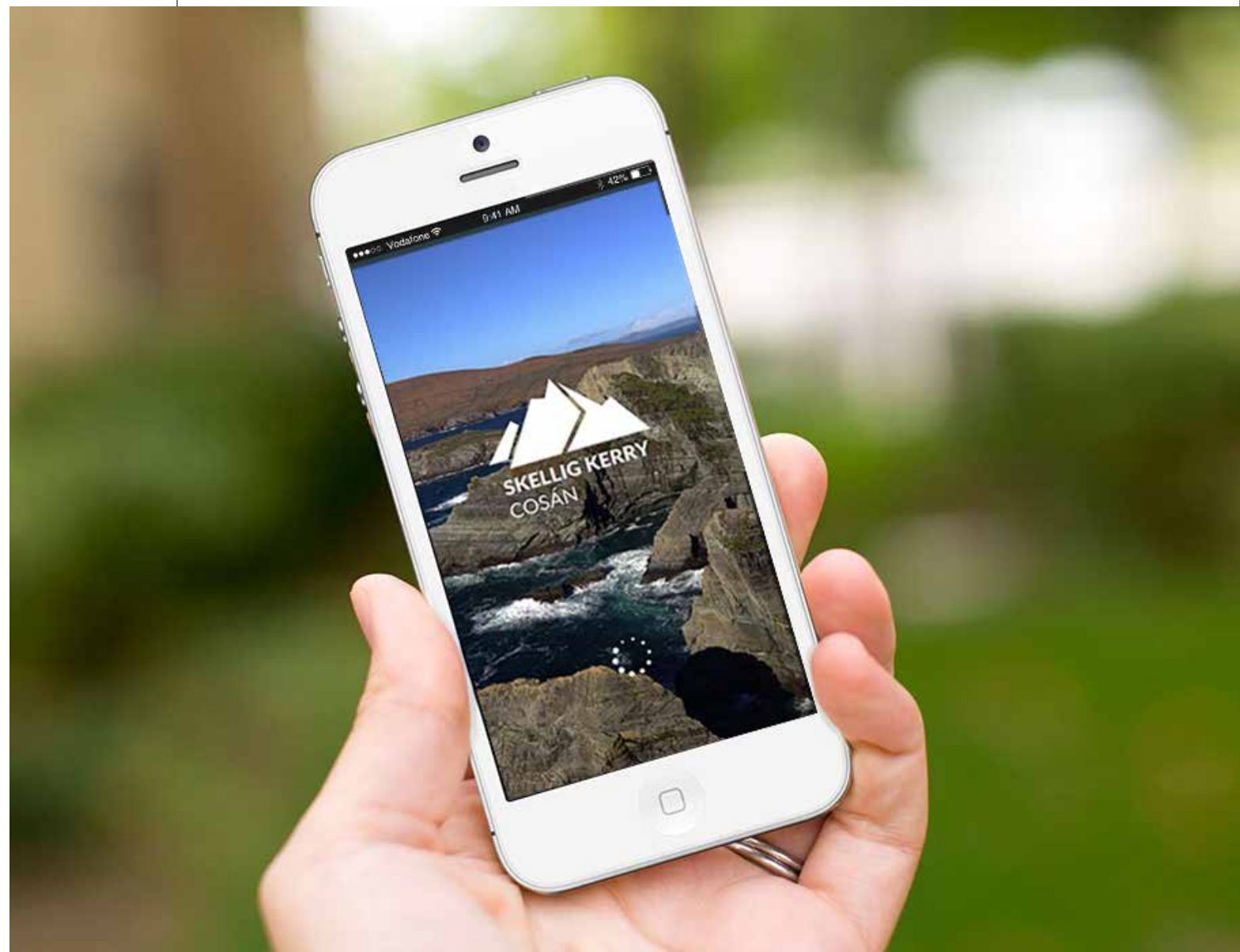
The bracelet will connect visitors with the pathway systems and cultural assets that are abundant around Skellig Kerry, but also sends out emergency dispatch services if they happen to get lost or injured. It can be rented or purchased by tourists at partnering hotels, airports and phone providers. If visitors to the region already have existing fitness trackers they can just download the Cosan app and their bracelets will be integrated into the system.

Beyond the benefits experienced by visitors, the data collected from the bracelets could be used help improve regional tourism in the future.

Beyond the benefits experienced by visitors, the data collected from the bracelets could be used help improve regional tourism in the future.

The main function of the bracelet is to track the users wellness or biometrics. This feature will track how the user is living in the region while they are travelling, and push data back into the region on how tourism can be improved in the future. To address the concern of safety while travelling in the region, the Cosan band will feature an emergency response button that will dispatch local emergency response and rescue initiatives, as well as notify certified locals in the area. A special discount initiative will be given to bracelet users that will provide discounts at partnering restaurants, pubs and hotels.

The bracelet will be paired with an app that users can download onto their smartphones. This app provides more information on the region including maps, trails, pathways, attractions and restaurants. Users can use the app to customize their trips and daily schedules that will give them notifications on their bracelets.



CREATING SUSTAINABLE GROWTH

Cosan will facilitate tourist access to the remote and rugged areas of the region by connecting with the wayfinding and mapping system created by Skellig Kerry Ways.

Cosan will strengthen the identity of Skellig Kerry as a region of safety, health and wellness. It will promote the region and become the brand identity of what wellness tourism means.

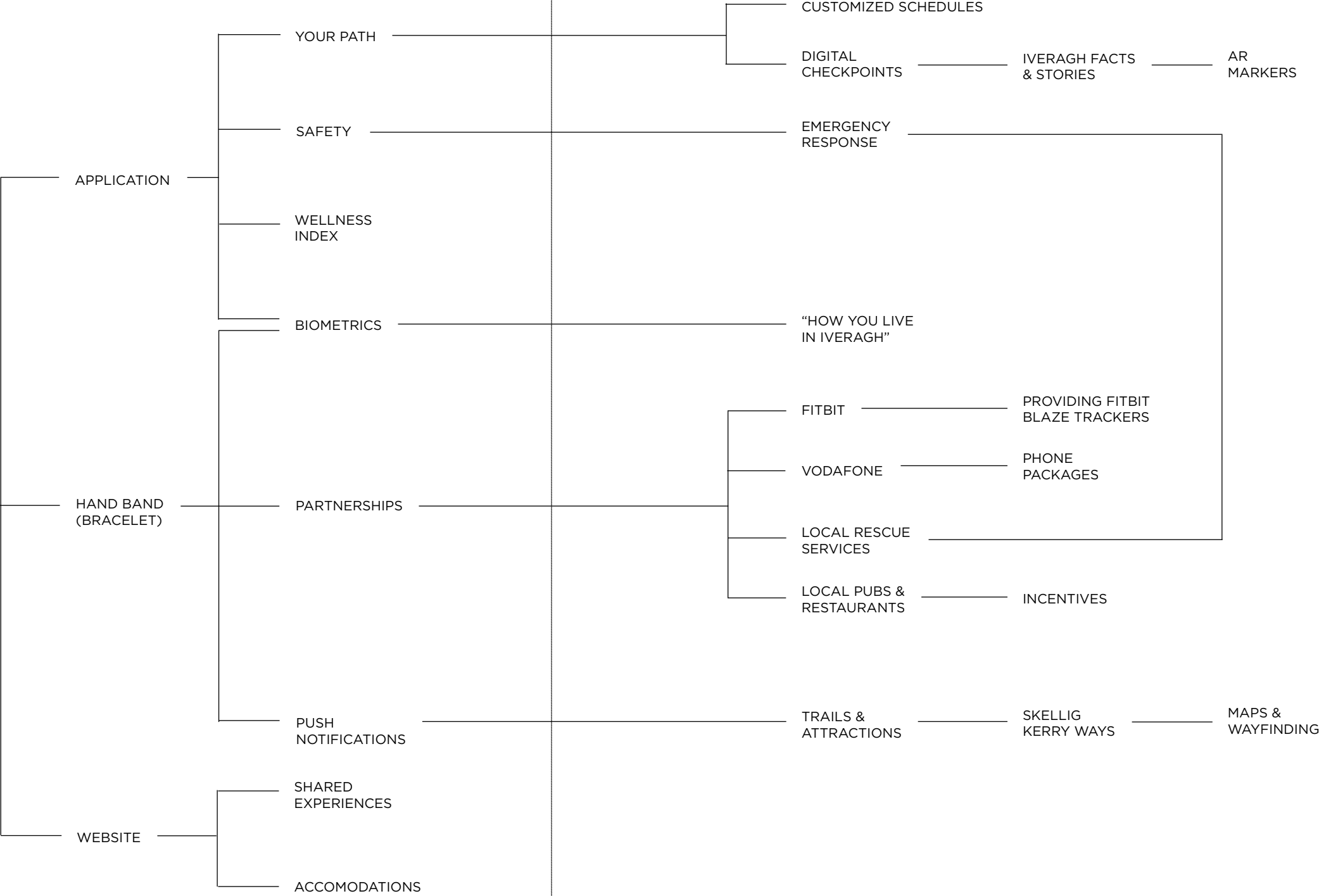
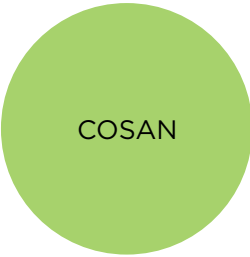
Cosan encourages collaboration through the emergency response and safety element of the product and service. The partnership with local emergency response initiatives will increase not only the emergency response times, but also will increase the community capacity in the region.



COMPONENTS

The Institute without Boundaries

DRAFT



DRAFT

Facilitating and enhancing the tourist experience through the cosan wearable band and mobile app. The wearable band will allow users to call for help in cases of emergency such as getting lost or injury. The wearable band will also include a discount program that will allow users to get discounts on meals and hotels.

Hosting first aid training workshops for local community residents, which will be held in Weave in Cahersiveen. These first aid training workshops will act as an educational tool for the residents, where they can learn basic lifesaving techniques that can be applied in case of emergency. These training workshops will create a new community capacity that will allow residents to intervene during emergencies and the ambulance has been dispatched.

In case of emergencies, users can press the SOS button on the band that will dispatch the emergency response crew. cosan looks to partner with with local clinics and rescue initiatives that will provide rapid emergency response.



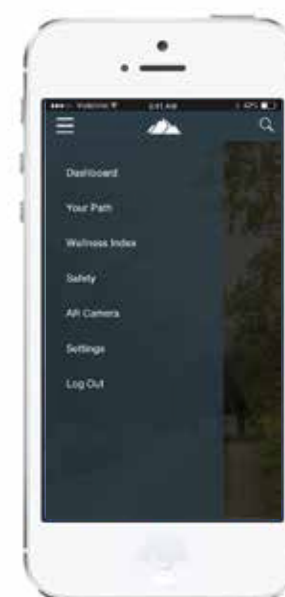
Landing page



Basic profile, Length of stay, etc.



Sync to band



Menu



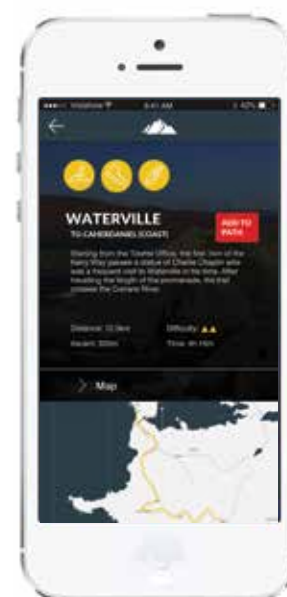
Things to do near you



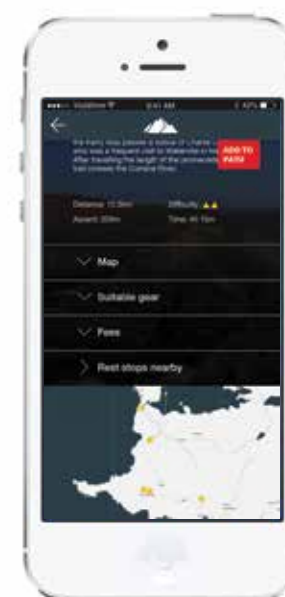
Hiking paths near you



Details about the path, difficulty level, length, gear required.



Map of the path



Nearby rest stops, food and other services according to your current location on the path



Selected activity will be added to your path along with weather alerts, joining with other groups and many other details



Musical activities around you



Add to your path



Wearable collects detailed biometric data



First Aid informations and security services access



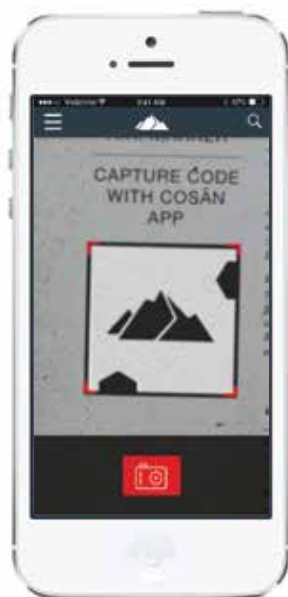
All the first aid tip you will need on the track



If you encounter an emergency situation, help is just a finger tap away



Location aware push notifications will enhance your experience and will also notify about AR markers embedded in track and different point of interest



Pointing phone camera will give your interesting information in 2D or 3D format

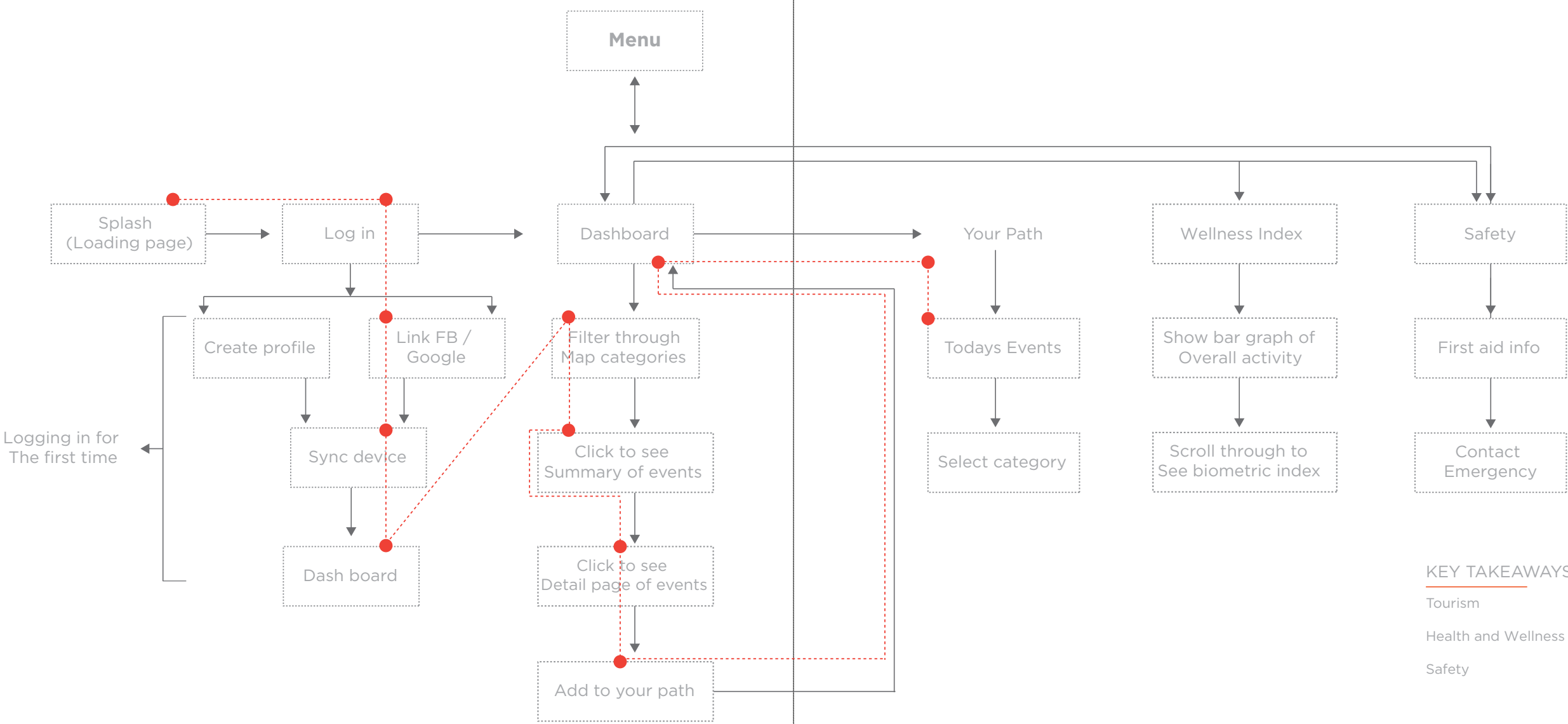


You can hear audio with AR markers as well

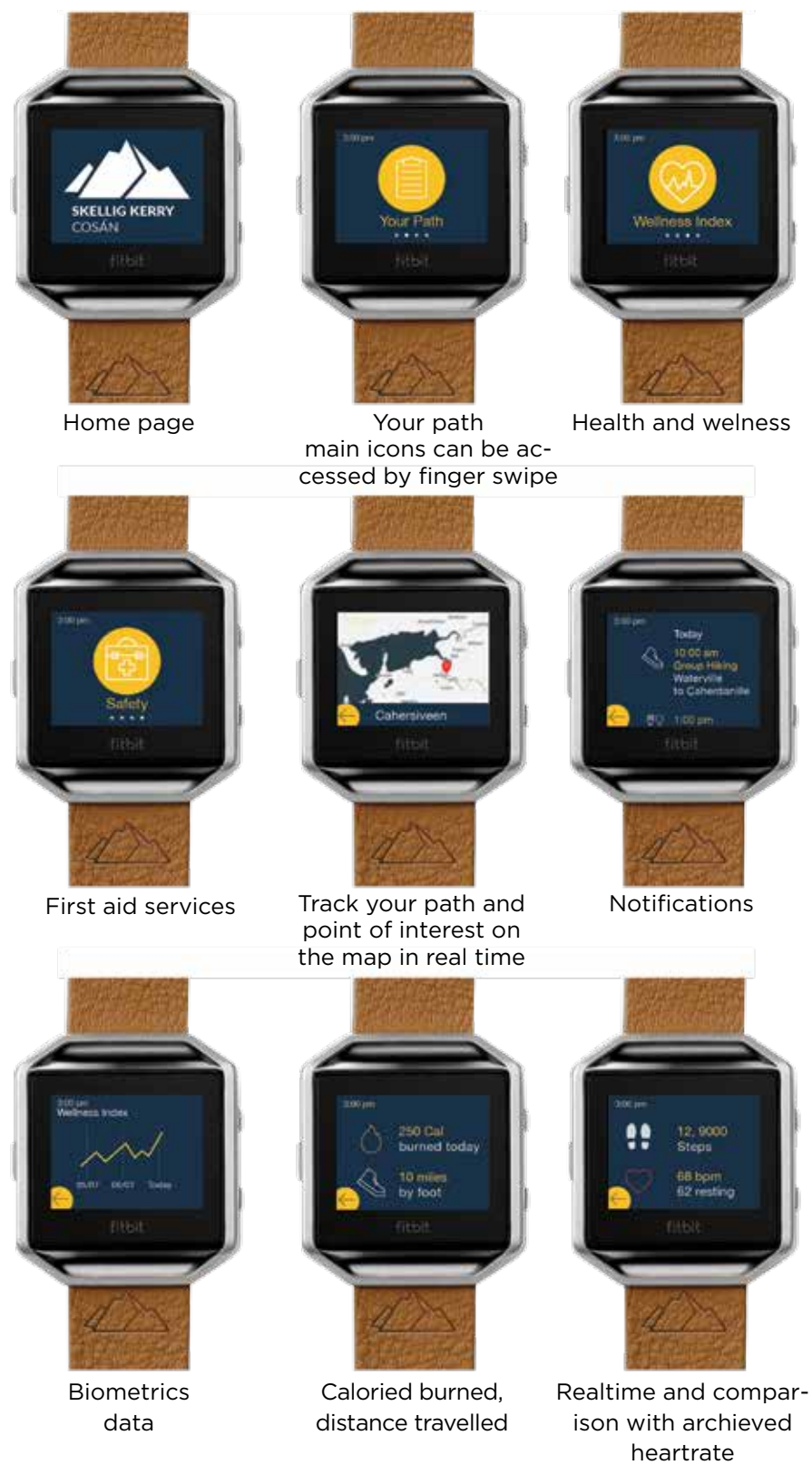


Choose the notifications you want to receive according to your own interests

COSAN APP
MENU FLOW CHART



COSAN
WEARABLE INTERFACE



Home page

Your path
main icons can be
accessed by finger swipe

Health and wellness

First aid services

Track your path and
point of interest on
the map in real time

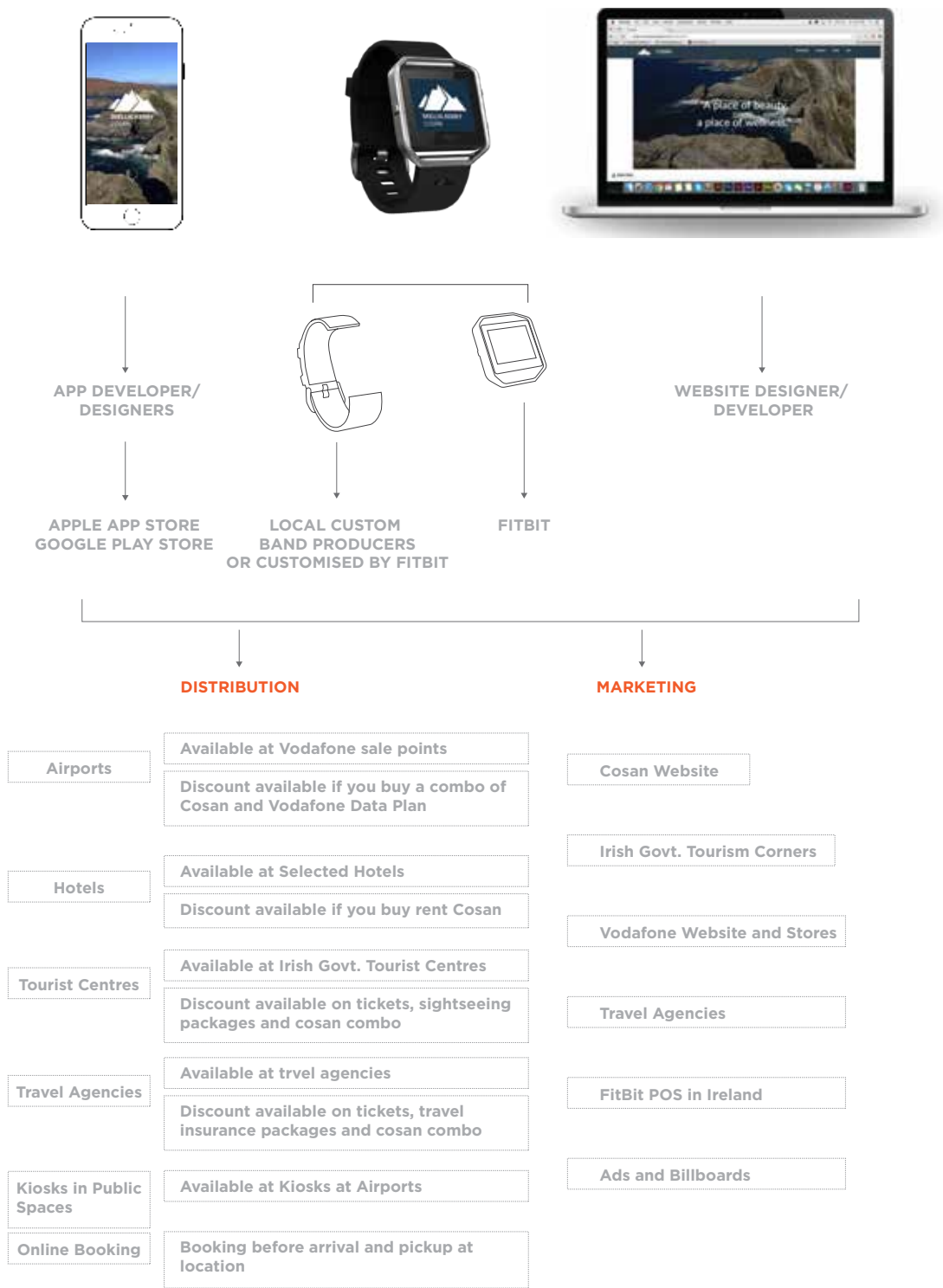
Notifications

Biometrics
data

Caloried burned,
distance travelled

Realtime and compar-
ison with archived
heartrate

COSAN
DISTRIBUTION AND MARKETING



Airports

Available at Vodafone sale points
Discount available if you buy a combo of
Cosan and Vodafone Data Plan

Cosan Website

Hotels

Available at Selected Hotels
Discount available if you buy rent Cosan

Irish Govt. Tourism Corners

Tourist Centres

Available at Irish Govt. Tourist Centres
Discount available on tickets, sightseeing
packages and cosan combo

Vodafone Website and Stores

Travel Agencies

Available at trvel agencies
Discount available on tickets, travel
insurance packages and cosan combo

Travel Agencies

Kiosks in Public
Spaces

Available at Kiosks at Airports

Ads and Billboards

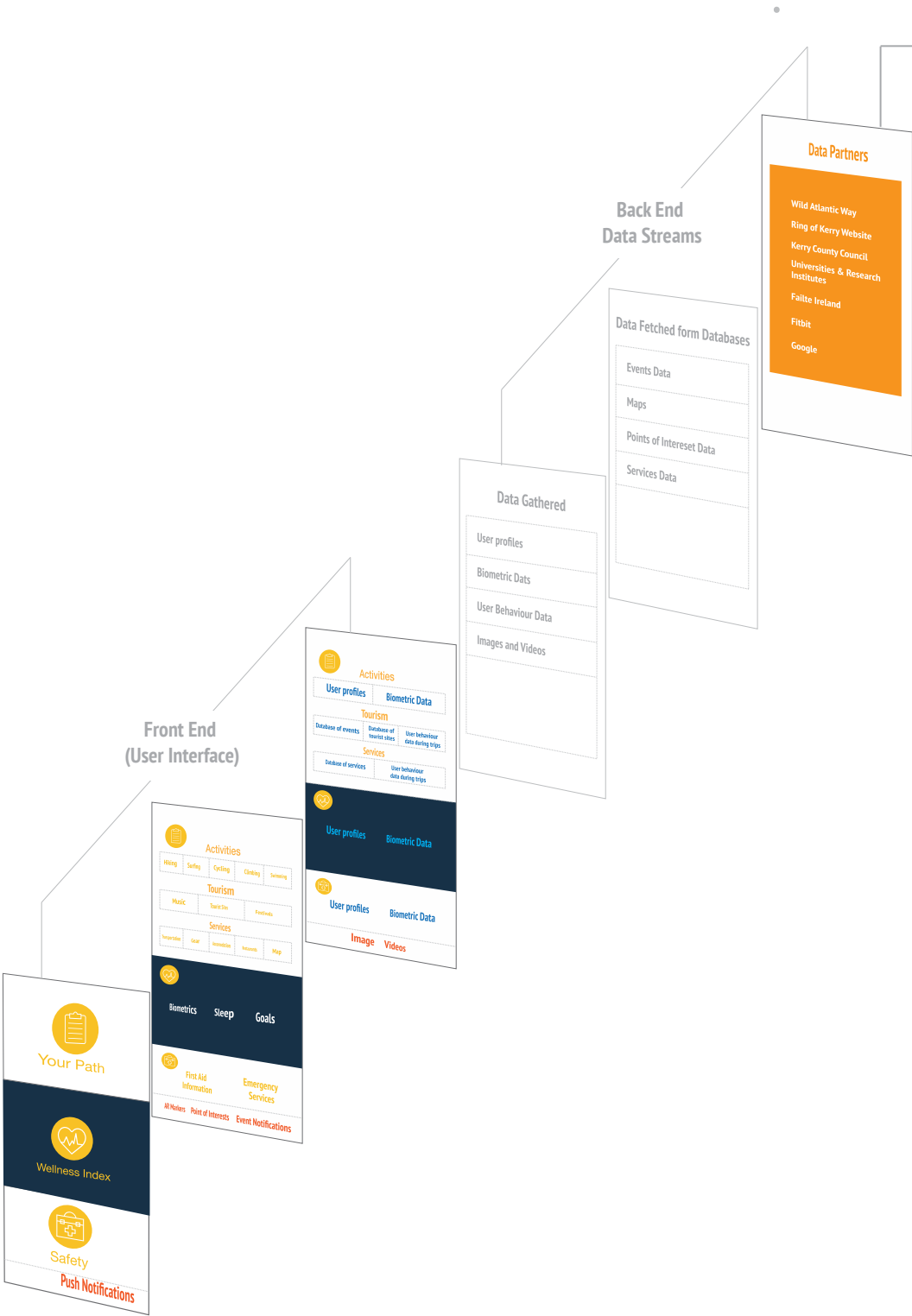
Online Booking

Booking before arrival and pickup at
location

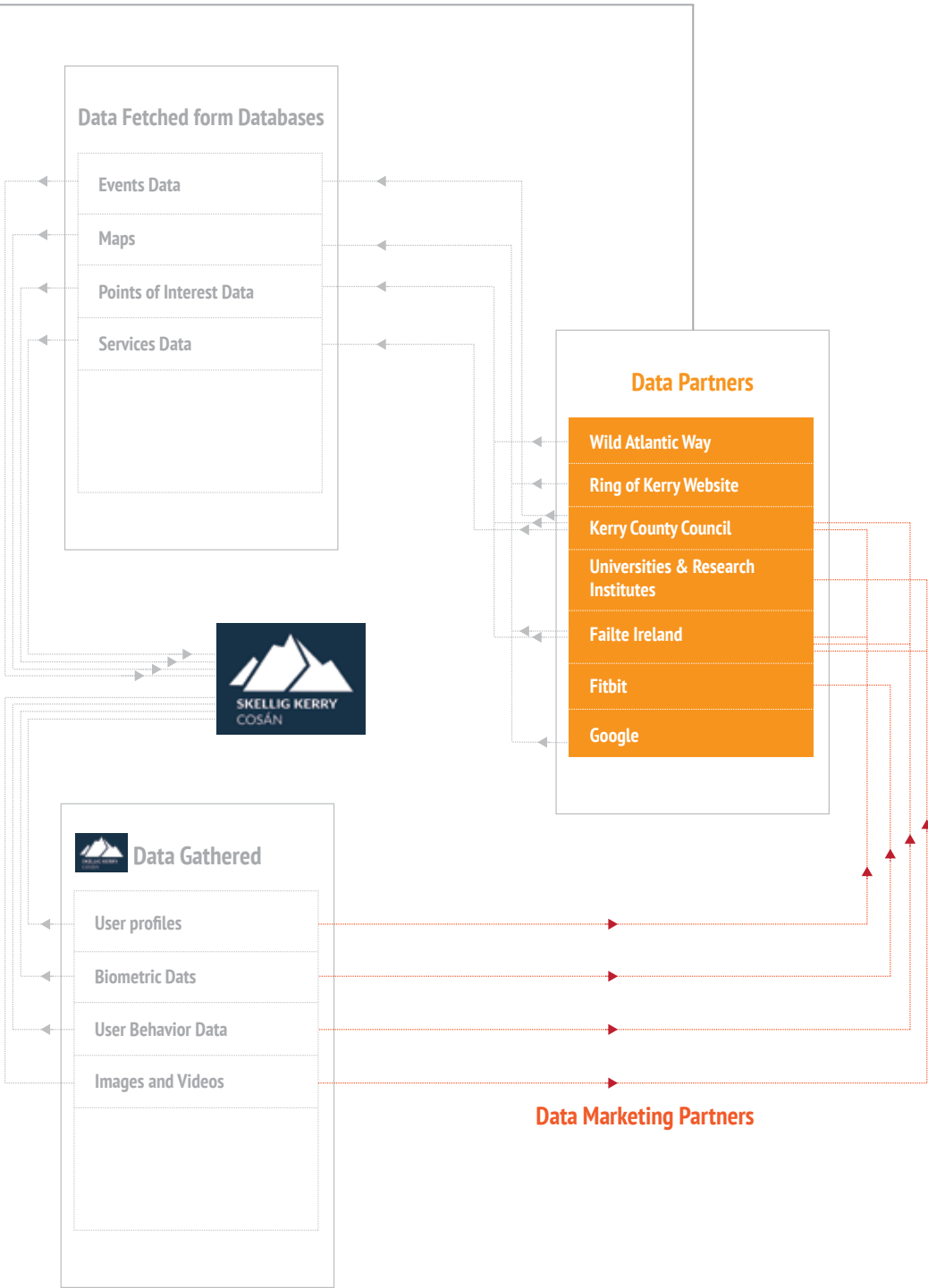
FitBit POS in Ireland

The Institute without Boundaries

DRAFT



DRAFT



The main function of the bracelet is to track the user's wellness or biometrics. This feature will track how the user is living in the region while they are travelling, and push data back into the region on how tourism can be improved in the future. To address the concern of safety while travelling in the region, the Cosan band will feature an emergency response button that will dispatch local emergency response and rescue initiatives, as well as notify certified locals in the area. A special discount initiative will be given to bracelet users that will provide discounts at partnering restaurants, pubs and hotels.

The bracelet will be paired with an app that users can download onto their smartphones. This app provides more information on the region including maps, trails, pathways, attractions and restaurants. Users can use the app to customize their trips and daily schedules that will give them notifications on their bracelets.



COSÁN USER SCENARIO





“Make fitness
a lifestyle with
Flex.”

PRECEDENTS

FITBIT FLEX - FITNESS TRACKER

Category Organization
Health and Wellness Fitbit

DESCRIPTION

The Fitbit Flex is a fitness tracker that allows users to track different activities related to health, fitness and wellness. The Fitbit Flex tracks movement 24 hours a day, including sleep patterns. It has a simple display of 5 LED lights which indicate the number of steps taken in a day, and it vibrates to indicate that your goal has been reached. The lights also indicate battery level. The Flex is also the most water-resistant tracker; it can be worn while showering, but not while swimming. The Fitbit Flex includes a specialized USB charger; the battery lasts 5-7 days, and it takes 1-2 hours to charge.



- 1.1 User Wearing Fitbit Flex
- 1.2 User Wearing Fitbit Flex
- 1.3 Fitbit Flex Models

KEY RESOURCES

Diagram being Finalized *

Fitbit: providing Cosan with Fitbit Blaze fitness trackers.

Killarney Community Hospital: emergency response personnel.

Kerry Mountain Side Rescue: emergency response personnel.

Offshore Rescue: emergency response personnel.

Civil Defence: emergency response personnel.

Weave: first aid training workshops that will supply emergency responder's.

Skellig Kerry Ways: way finding, signage and maps



KEY PARTNERS

Diagram being Finalized *

Killarney Community Hospital: emergency response services.

Kerry Mountain Side Rescue: emergency response services.

Offshore Rescue: emergency response services.

Civil Defence: emergency response services.

Vodafone: providing a travel package for Cosan Bracelet users, so they can get roaming and phone packages.

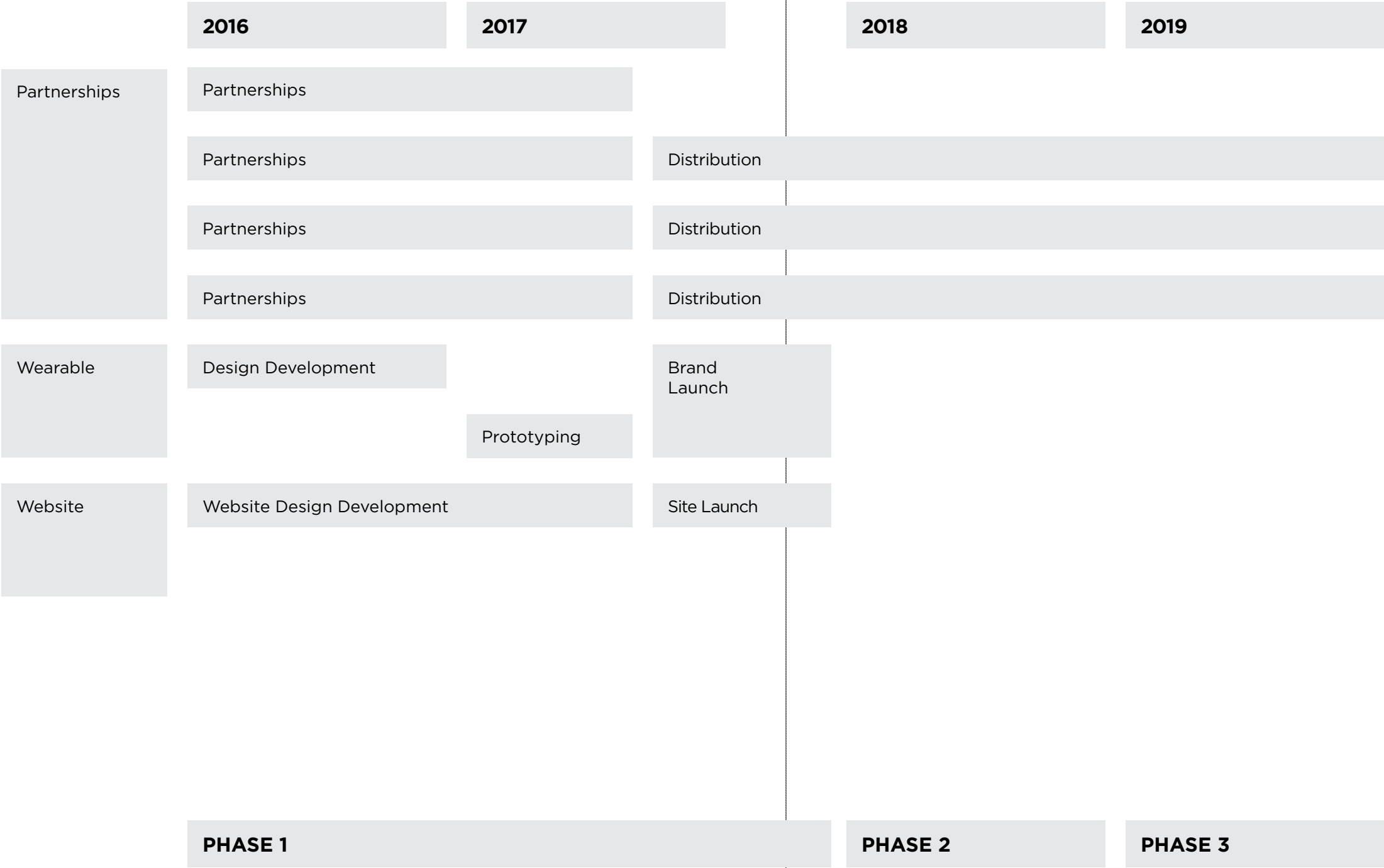
Fitbit: providing Cosan with Fitbit Blaze fitness trackers where a band can be custom made.

Weave: providing and hosting the resident first aid training workshops that will help in emergency situations.

Skellig Kerry Ways: provide a unified way finding, signage and mapping system that can be utilized on the bracelet, in the app and on the website.



HOW TO GET STARTED?



DRAFT

The Institute without Boundaries

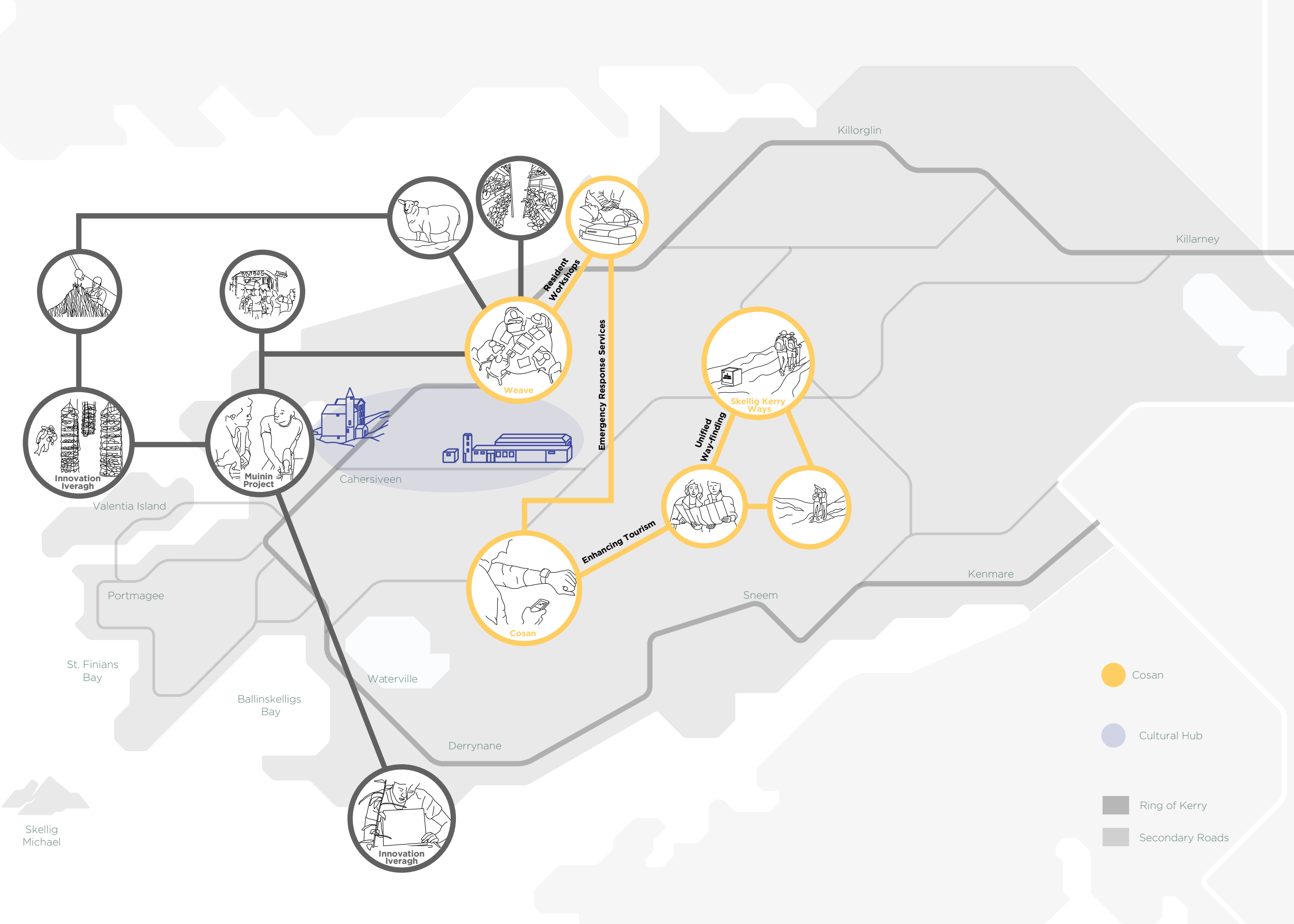
DRAFT


COSAN COSTING

Budgets being finalized *

DRAFT

**Cosan allows
visitors to explore
the peninsula
while living their
best lives.**



A wide-angle photograph of a rugged coastline. In the foreground, a steep, grassy slope descends towards the right. To the left, dark, jagged rock formations protrude from the sea, with white foam from breaking waves visible. In the middle ground, a series of high, light-colored cliffs rise vertically from the water's edge. The background shows a large, rounded headland under a sky filled with soft, grey clouds. The overall scene conveys a sense of wild, natural beauty.

**Imagine if the
Skellig Kerry
landscape was
a living lab.**

INNOVATION IVERAGH

**Skellig Kerry as
the destination
for groundbreaking
environmental
and agricultural
research.**

—

CREATING A LIVING LAB

Imagine if the landscape of Skellig Kerry was a regional living lab that encourages collaboration, experimentation, and makes innovative new industry possible?

Innovation Iveragh will establish the region as an outward looking incubator for new industry by creating the perfect environment for transformative experiments.

Innovation Iveragh, located in Weave, will launch an enterprise environment which encourages purposeful visitors to bring their transformative projects, innovative ideas, to experiment, to collaborate with local experts or come to prototype and launch unique projects. Moreover, Innovation Iveragh will establish a regional gateway for investors looking to incubate and launch new regional industries.

CREATING SUSTAINABLE GROWTH

Innovation Iveragh is a systemic enterprise idea that creates sustainable economic growth for the region by establishing a regional and international gateway to bring national/international project teams to live and work in the region and welcomes national/international investment to pilot the identified unique opportunities that the region will support.

Iveragh Innovation strengthens the identity of the region by branding Skellig Kerry's landscape as a regional living lab.

Iveragh Innovation encourages collaboration by welcoming global experts and extending local expertise and supporting mechanisms

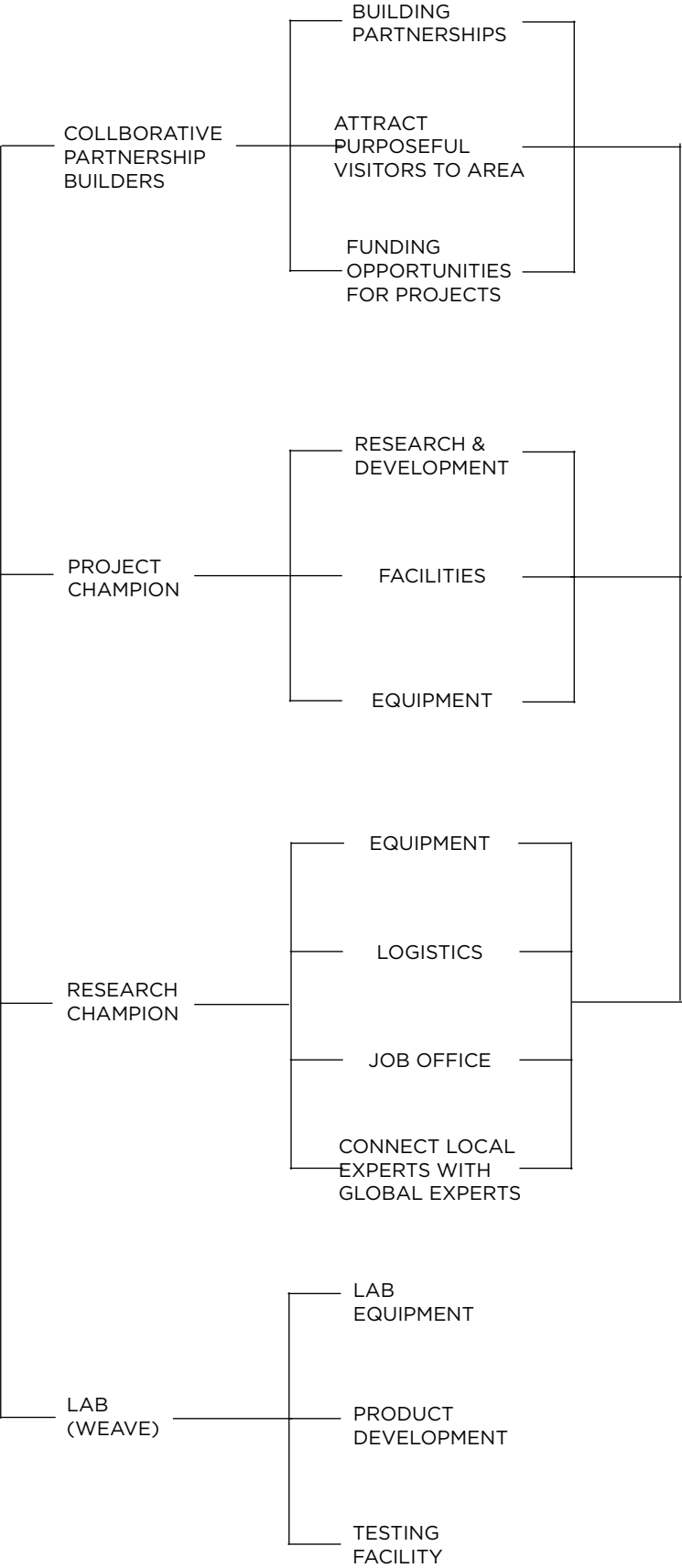
Iveragh Innovation facilitates accessing assets by identifying regional assets and coordinating unique intersections between ideas that need a place and the regional asset or ideal location.



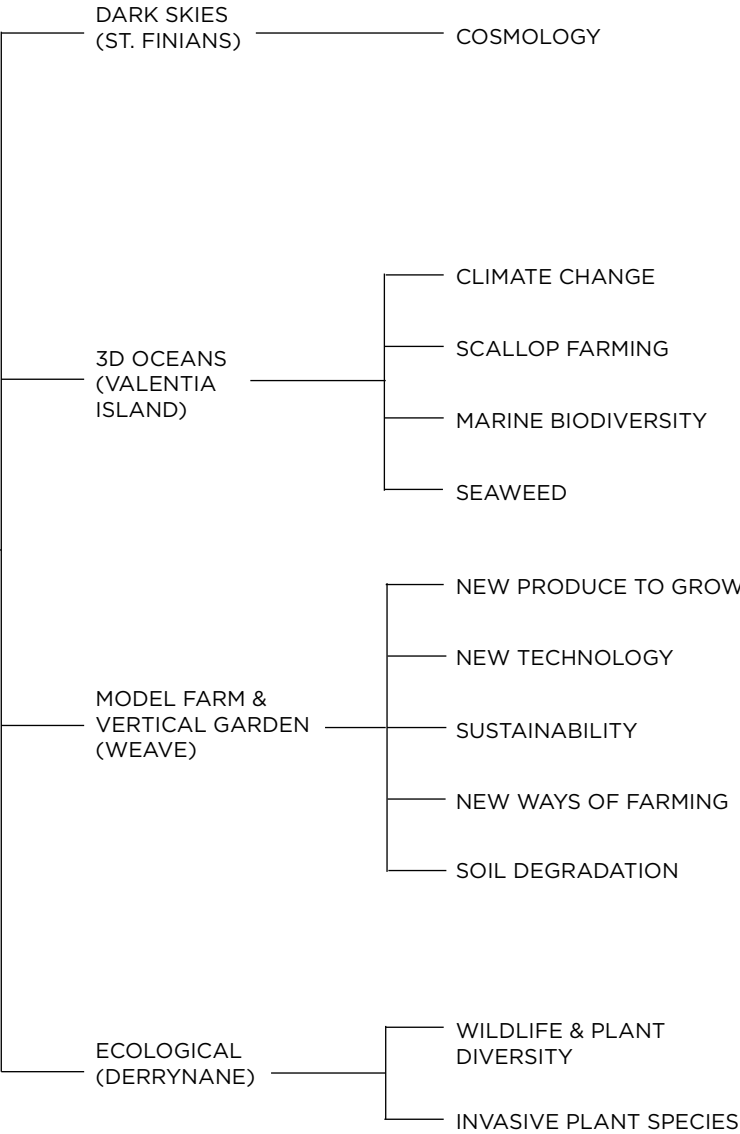
COMPONENTS

The Institute without Boundaries

DRAFT



ENVIRONMENTAL PAVILIONS



RESEARCH PAVILIONS

As a project champion, Innovation Iveragh will support collaborative partnerships and will offer access to the Regional Experimental Pavilions. These Pavilions provide access to unique regional assets, such as:



The Model Farm & Vertical Gardens

A showcase for Technology which can enhance traditional farming methods.

Ready to launch Vertical Gardens that use minimal soil, do not require pesticides, and abundance of growth yield such as lettuce and microgreens.



3D-Ocean Farm

Amazing successful global research on seaweed farming can be translated to the Valentia Island waters.

Ready to launch 3D ocean farming cultivating seaweed, kelp, oysters, mussels and scallops.

An identified pivot business includes seaweed sheep feed for local farms.



Derrynane Ecological Pavilion

Extensive wildlife and plant diversity suitable for extensive studies and experiments.

Existing invasive plant species suitable for intervention studies and experiments.



St Finian's Bay Dark Sky Pavilion

A gold-tier northern hemisphere reserve ideal for cosmology research.

Site of festivals and available for special events.

Future site for planetarium and available as an entertainment hub.

PAVILLION LOCATIONS

Diagram Being Finalized *

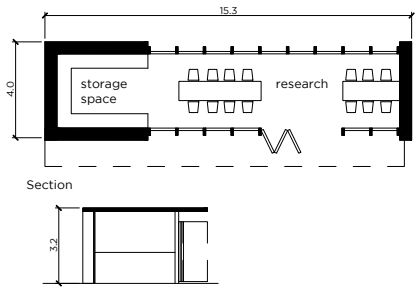


EXPERIMENTAL PAVILIONS

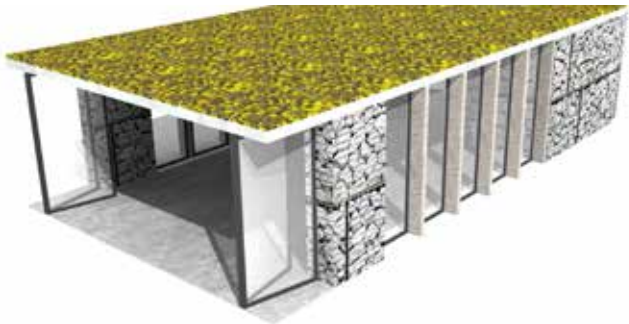
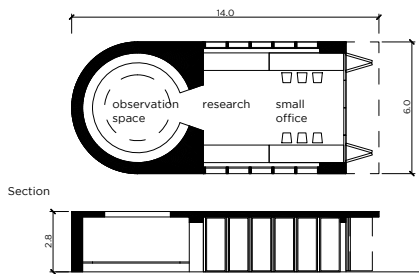
The Regional Experimental Pavilions will provide access to unique natural assets in the area. They are also meeting points that will encourage research, collaboration, and experimentation.

The Pavilions will use the same gabion stone walls as seen in Weave and the wayfinding system created by Skellig Kerry Ways. This will create a unified architectural language for all the projects.

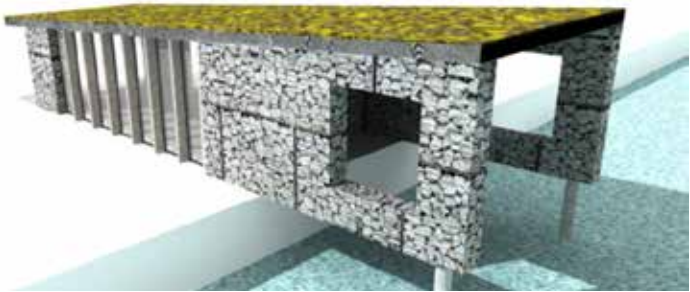
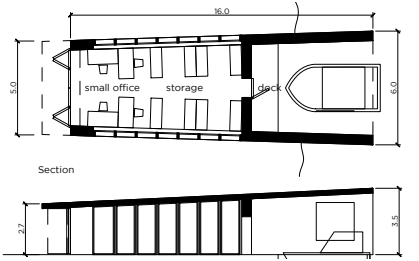
Ecological Pavilion



Dark Sky Pavilion



Ocean Pavilion



DARK SKY PAVILION





Category
Environment

Organization
Greenwave,
Thimble Island
Oysters

Location
Conneticut, USAv

PRECEDENTS

GREENWAVE

After 15 years of experimentation, Greenwave has developed a new method of ocean farming designed to restore ocean eco-systems, mitigate climate change, and create blue-green jobs for fishermen — while providing healthy, local food for communities. GreenWave’s restorative 3D Ocean Farming model was awarded the Buckminster Fuller Prize for ecological design, profiled in the New Yorker (which called our model “the culinary equivalent of the electric car”), and honored by the President Bill Clinton as a keystone of ocean innovation.



“Anybody with 20 acres, a boat and \$30,000 can start a farm and be up and running within a year.”

- Ben Smith

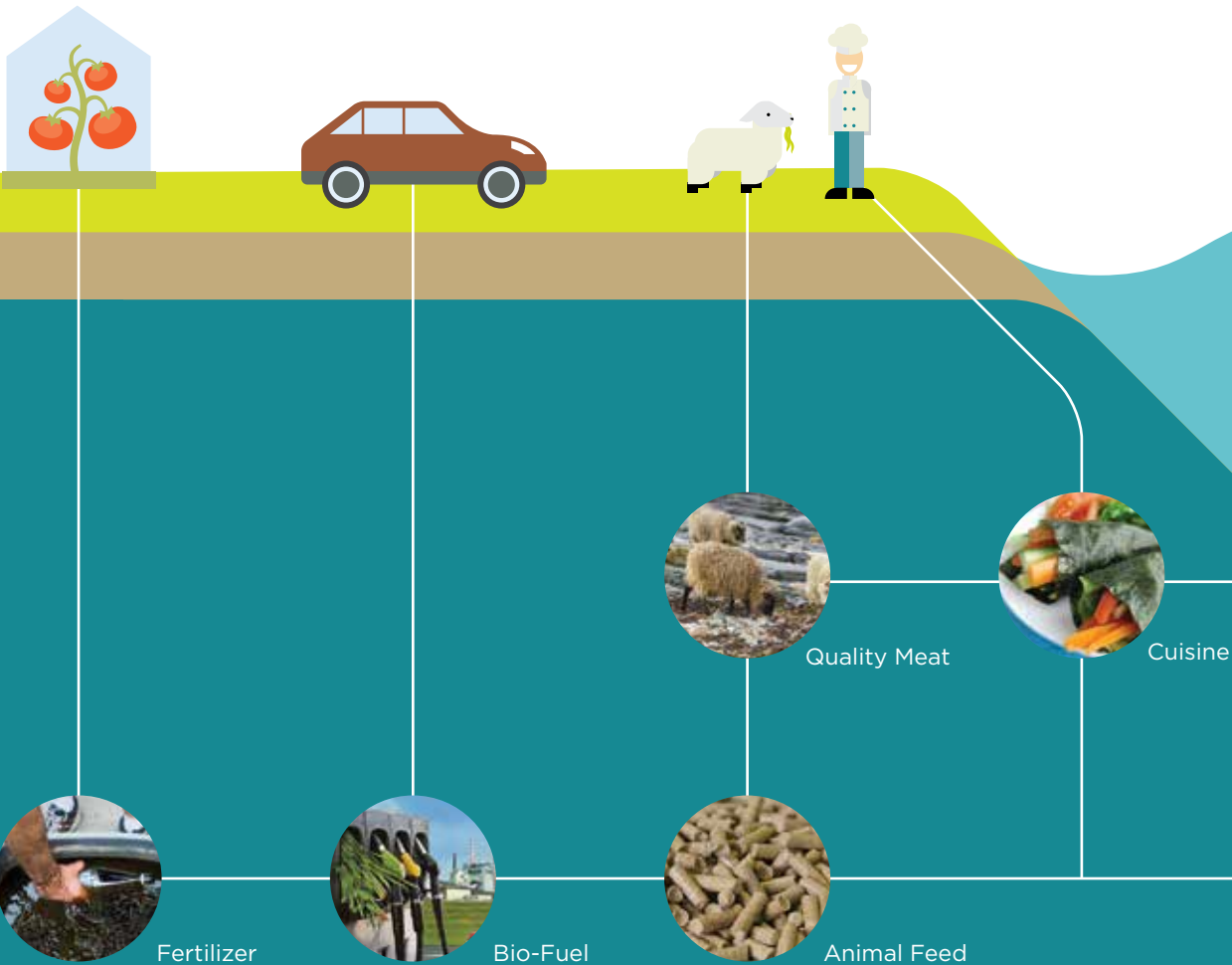


3D-OCEAN FARMING

A successful pilot of a 3D Ocean exists in Connecticut which creates a new complete vibrant ecosystem technique to farm seaweed and shellfish which rebuilds biodiversity and produce higher yields than growing vulnerable monocultures. The infrastructure is simple and consist of: seaweed, scallops and mussels growing on floating ropes, stacked above oyster and clam cages below.

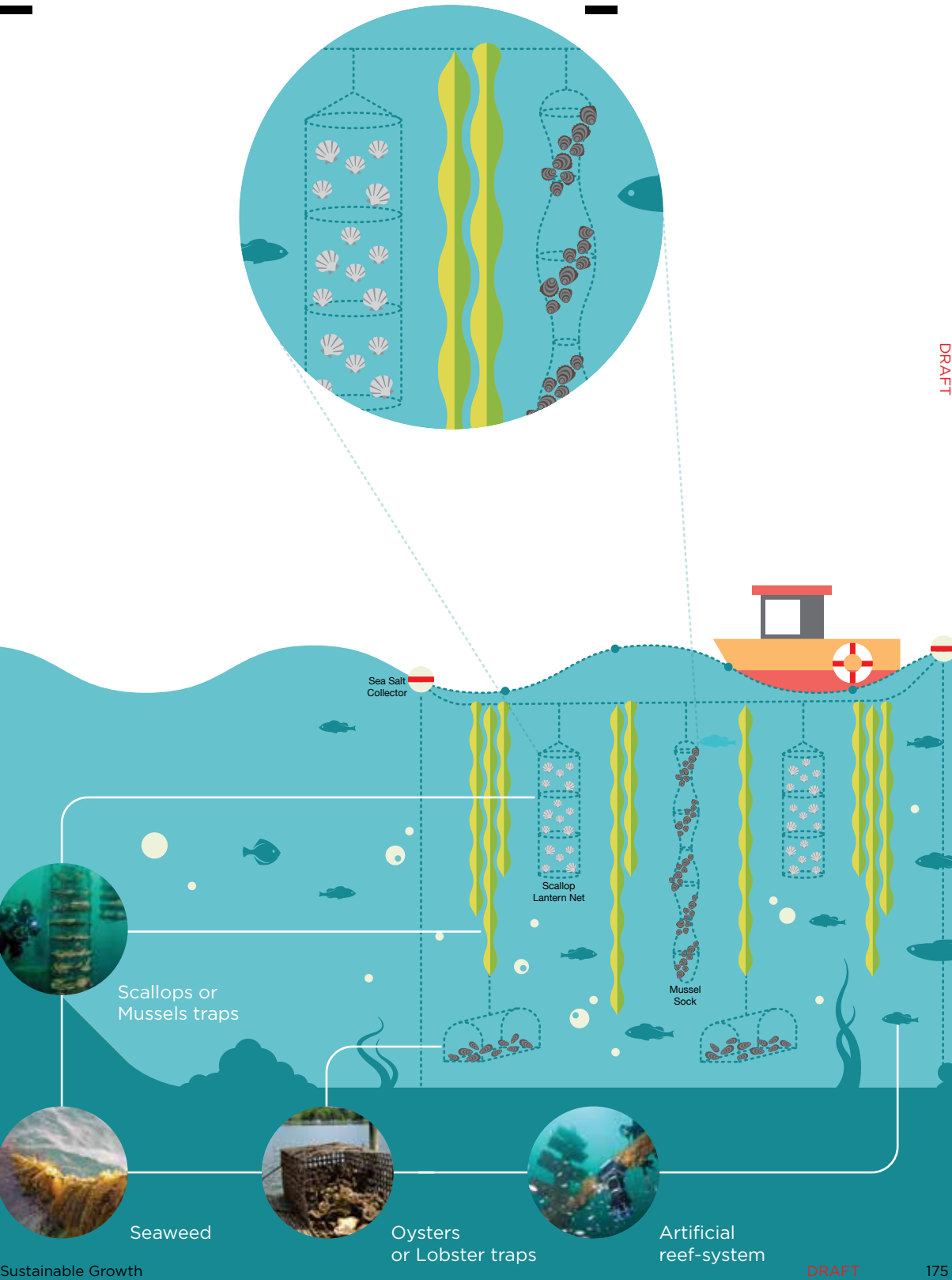
The waters off Valentia Island present an ideal location for a 3D Oceans investment because it is already the home of scallop farms and fisheries. Additionally, the entire 3D Oceans systems is low cost and easy to set up; requiring only €26,500 and a boat.

DRAFT



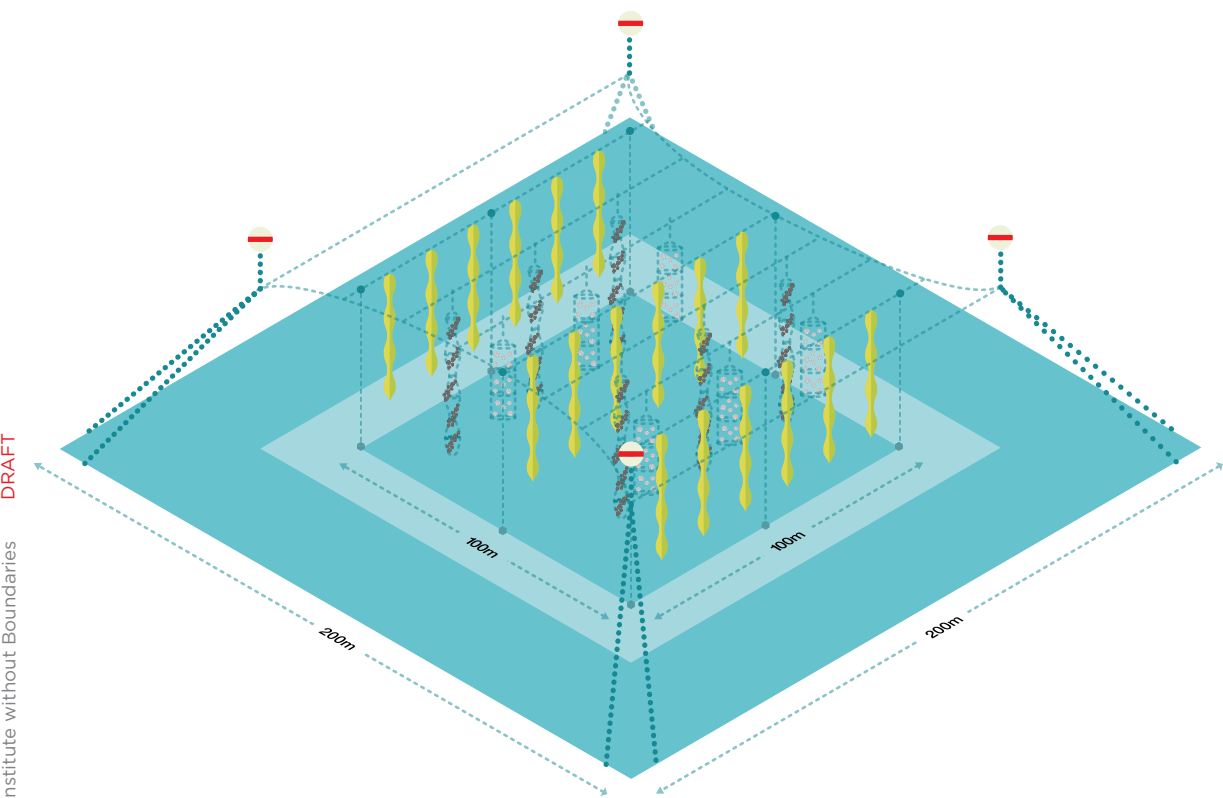
Oyster filter through 30-50 gallons of water a day

Seaweed sequesches 5x more carbon than any land based plant



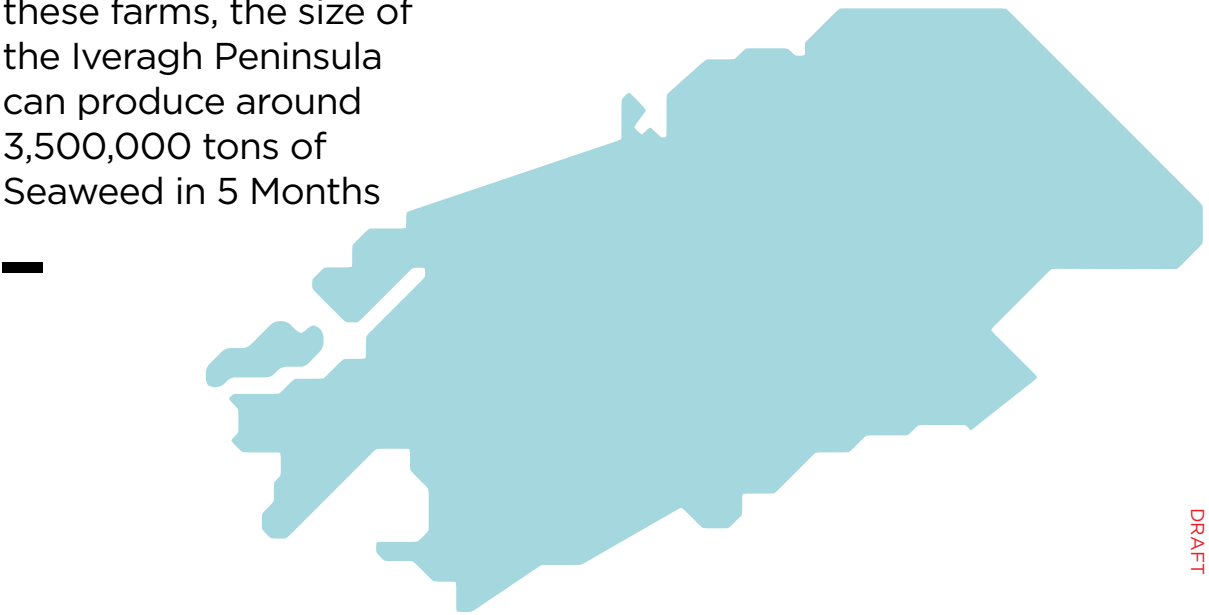
DRAFT

3D-OCEAN FARMING MODEL



**A standard
100m x 100m
3D-Ocean Farm can
produce 24 tons of
Seaweed in 5 months**

To put that into perspective a network these farms, the size of the Iveragh Peninsula can produce around 3,500,000 tons of Seaweed in 5 Months

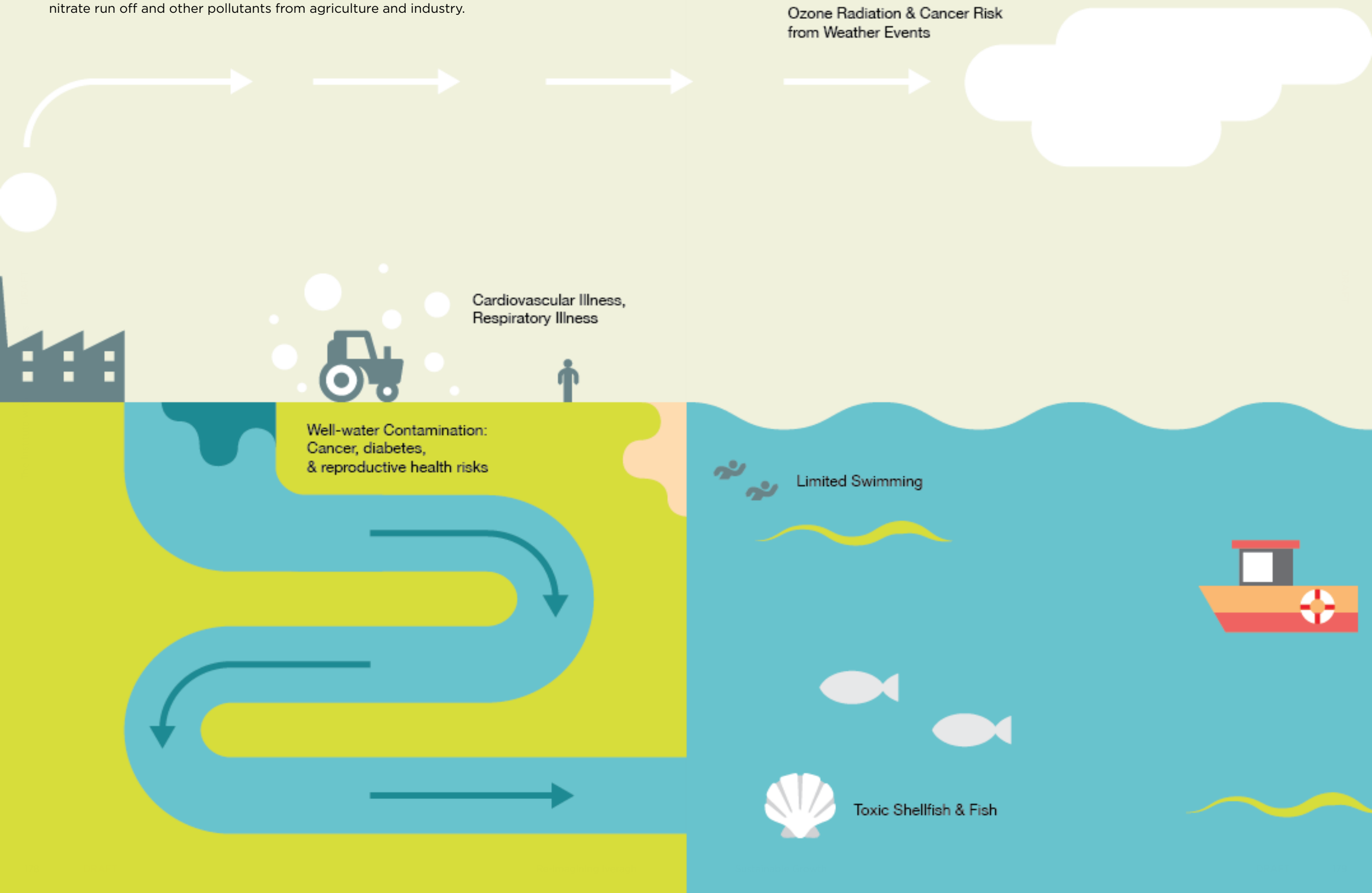


Hypothetically, a network of these farms the size of 2.5x the area of Ireland, can produce enough food to feed the world.



3D OCEAN FARMING ENVIRONMENTAL IMPACT

3D Ocean Farming helps to create healthy oceans by sequencing nitrate run off and other pollutants from agriculture and industry.



GLOBAL PARTNERS

Innovation Iveragh is an enterprise champion: extending an invitation to environmental scientists, biologists, designers, farmers, inventors, and entrepreneurs who will use the region’s living lab natural assets to create something new and unique.

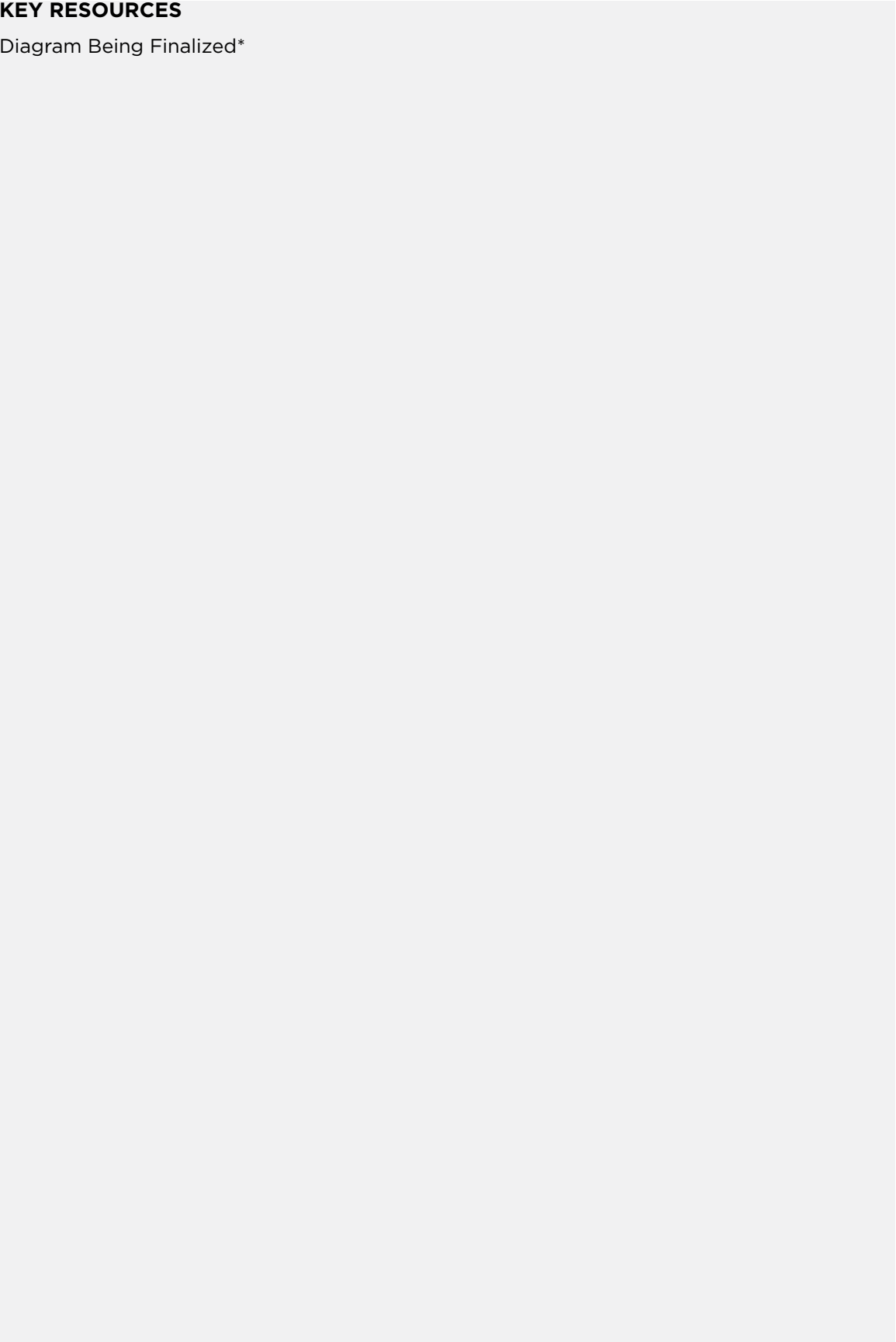
We welcome research and transformative ideas, and we will work collaboratively to perform any of the following services:

- build partnerships with local experts in Skellig Kerry;
- obtain permissions and permits
- develop the logistics plans including finding accommodations
- schedule the use of facilities
- select the appropriate locations
- cost and procure equipment
- identify resources
- select and hire staff

The Innovation Iveragh office at Weave act as a central offices for each project as well as the nexus for global collaborative partnerships.

KEY RESOURCES

Diagram Being Finalized*

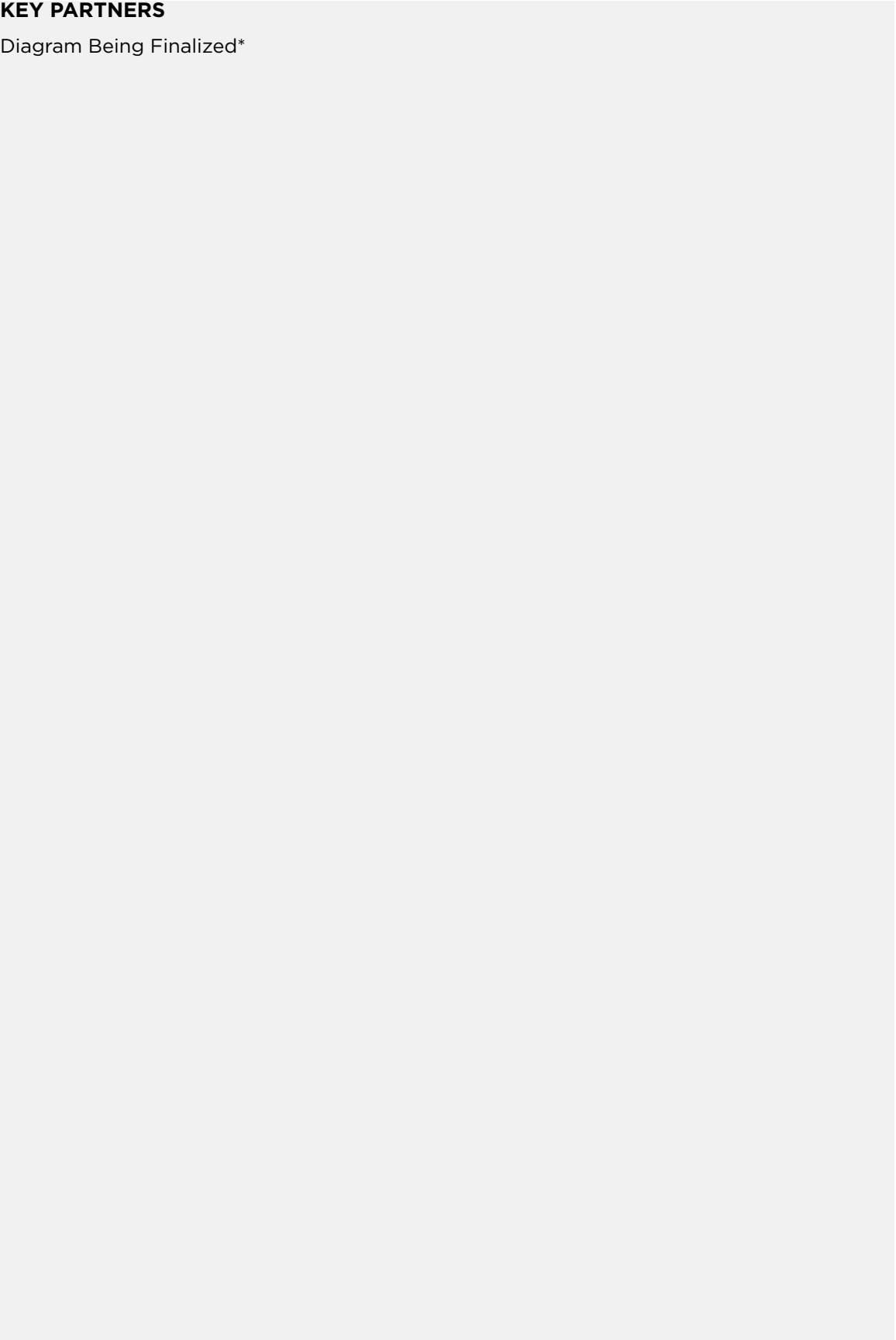


DRAFT

The Institute without Boundaries

KEY PARTNERS

Diagram Being Finalized*



DRAFT

INNOVATION IVERAGH

HOW TO GET STARTED?

The Institute without Boundaries

DRAFT

DRAFT

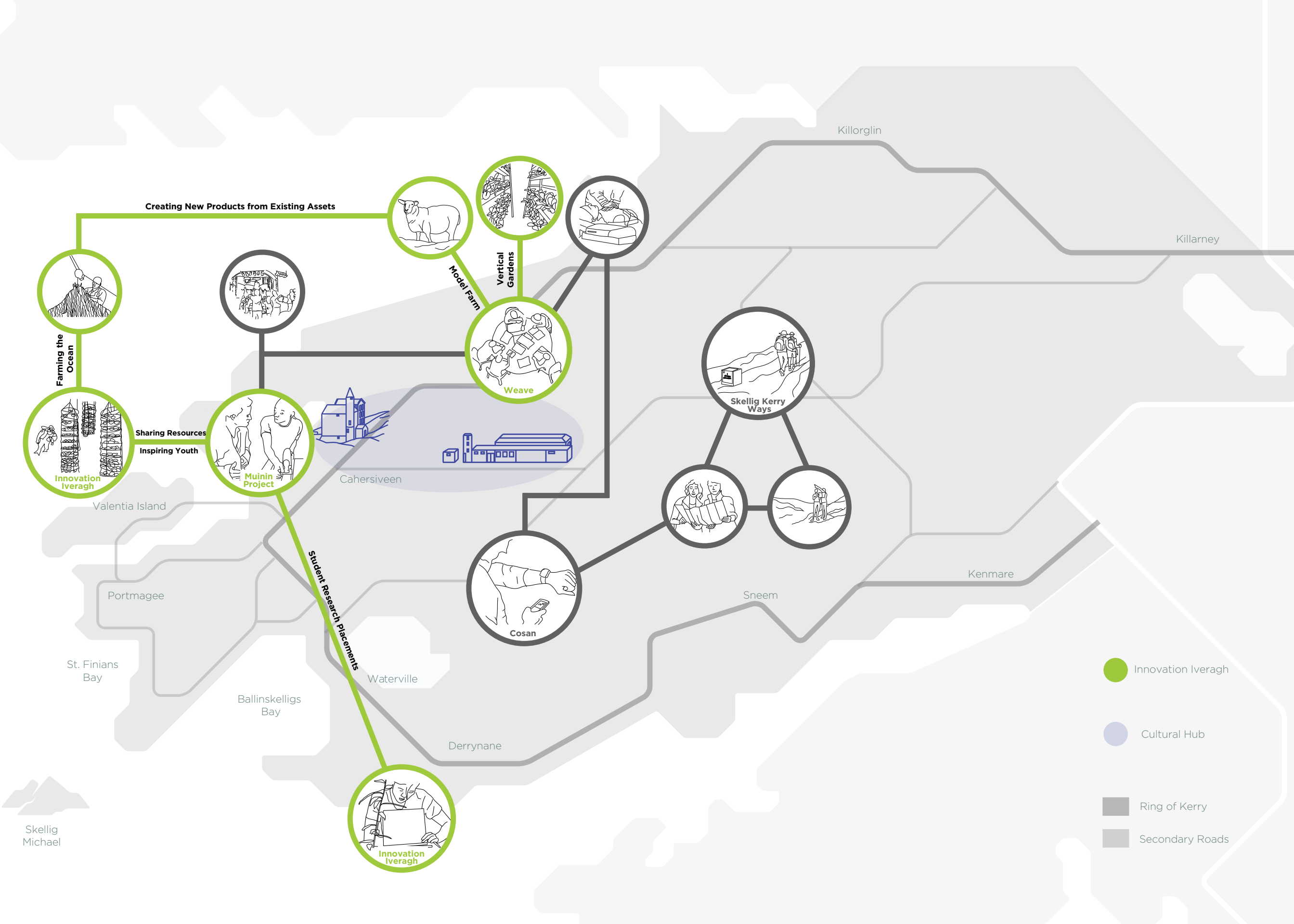



INNOVATION IVERAGH COSTING

Budgets being finalized *

DRAFT

**Innovation Iveragh
will establish the
region as a hub for
transformative projects,
experimentation, and
international regional
collaboration.**



A group of students in school uniforms are gathered around a table in a library, working on a project. They are using scissors, glue, and various small images to create collages on large sheets of paper. A young man in a blue hoodie stands over them, observing their work. The room has large windows in the background showing a view of a town, and bookshelves filled with books are visible on the right side.

**What if youth
were able to build
a connection with
the region to return to?**

THE MUININ PROJECT

**A thriving region
where youth are
inspired and well
connected.**

—



CONNECTING THE YOUTH TO IVERAGH

The Muinin Project is a catalyst for students in the region to build a resilient future by connecting them to the many assets of Skellig Kerry.

The Muinin Project will empower youth through a new transformative experiential Transitional Year. The program will: encourage self development, strengthen individual and team working skills, and provide mentorship opportunities. It also connects the youth with the region--getting students to learn outside of the classroom, allows for teachers to develop their practice, and creates partnerships with local residents.

This Transitional Year program will reverse the trend of youth migrating out of the region. By encouraging youth to actively contribute to the with the region it will strengthen their connection to Skellig Kerry. Additionally, their contribution to the sustainability of the region can be multi-fold--staying in the region, returning to the region, committing to local initiatives, or being the source of opportunity.

CREATING SUSTAINABLE GROWTH

The Muinin Project is integral to the creation of sustainable growth in Skellig Kerry. If young people continue to leave the region, it makes it increasingly difficult to affect real change in the area. The curriculum reflects an innovative and collaborative strategy, but the components of the program feed into all the proposed projects. Programming for the Muinin Project will be created by utilizing the other assets being developed. For example, students will work in Weave's workspaces, students will explore the region via Skellig Kerry Ways, and work with mentors on projects at Innovation Iveragh.

The Muinin Project will encourage collaboration by connecting the youth with the region. Through mentorships and partnerships, collaboration will create community and connection internally and externally in Skellig Kerry.

The Muinin Project will strengthen the identity of the region by celebrating Skellig Kerry's rich culture and history within the proposed curriculum. Throughout the Transition Year, a number of community building opportunities will be created to bring unity, belonging and pride within the youth of the region to then empower the residents of Skellig Kerry.

This redesigned program accesses one of the greatest assets of a region, youth. In addition to the students that take part in the Muinin Project can be considered an asset to the region, students also access and explore existing assets of the region through the curriculum.



What makes this program unique is the reconstruction of the student's school day. The academic year is split into five semesters, Collect, Imagine, Innovate, Create and Deliver. Each semester enables students to learn and practice different skillsets. The student's time is split between scheduled classes and time for students to work collaboratively on projects either in their designated Transition Year space or out-of-the classroom. Scheduled classes in each semester include grouping courses that facilitate the learning required for each semester. The mornings will be allocated for in-class learning opportunities, and the afternoons will be for students to work on a greater Community Imprint Project.

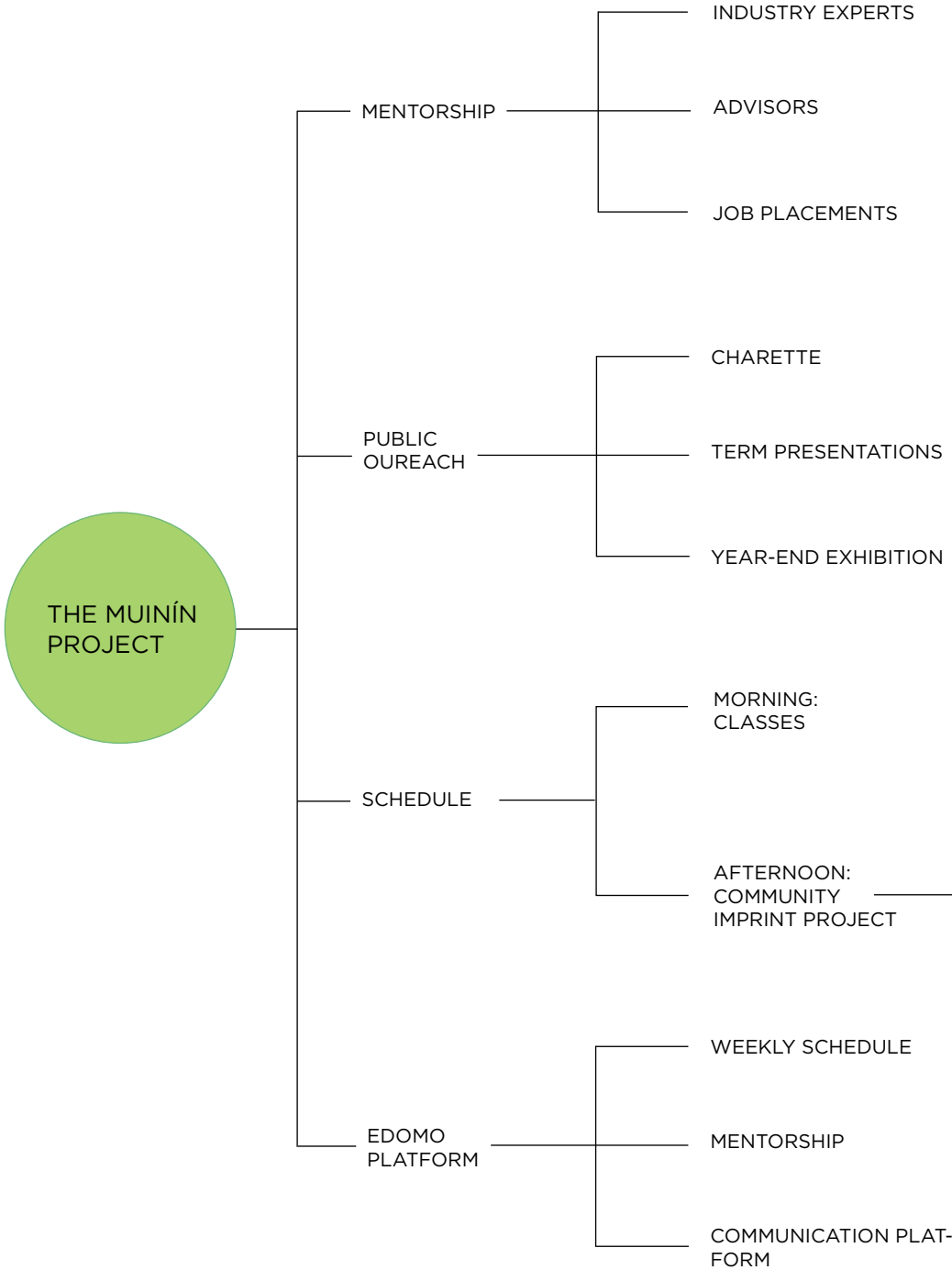
The Community Imprint Project will be made up of four topics that explore the assets and potential of Skellig Kerry: Science and Ecology, Innovation and New Industry, Service in the Community, and Culture and Heritage. Groups of 8-12 students will be assigned to carry out projects for each topic throughout the year. The projects for each topic will be determined collaboratively with the mentors as well as industry experts in the region before the school year begins. Projects will be presented at the end of the year to other students, teachers, mentors and local residents.



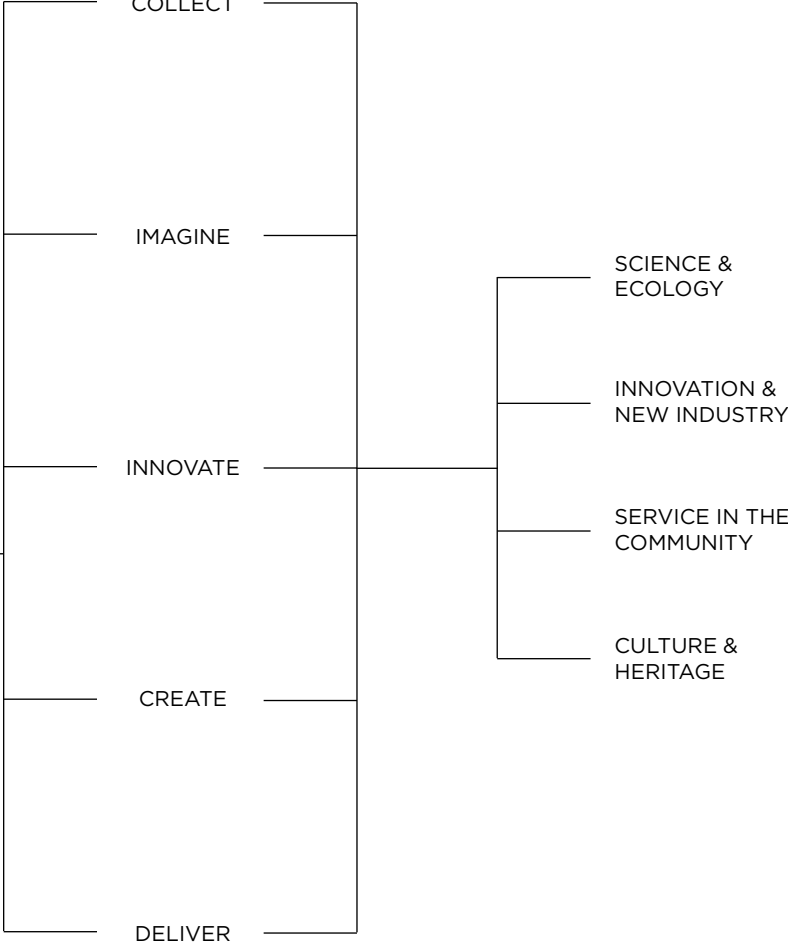
COMPONENTS

The Institute without Boundaries

DRAFT



DRAFT





“I am very impressed with the Shad Program. Every intern we have hired through this program has been top-notch. These young people are truly mature beyond their years, and are very high achievers.”

- Dr. Naveen Chopra, SHAD Internship Supervisor

PRECEDENTS

SHAD VALLEY PROGRAM

Category	Organization	Location
Education	Shad Valley	Ontario, Canada

DESCRIPTION

SHAD is a registered Canadian charity that empowers exceptional high school students – at a pivotal point in their education – to recognize their own capabilities and envision their extraordinary potential as tomorrow’s leaders and change makers. Each year, SHAD provides the opportunity for 600+ students from across Canada and internationally to attend a month-long summer program, in-residence at one of our Canadian host universities, focused on STEM (science, technology, engineering & math). Founded in 1980, SHAD is based in Waterloo, Ontario, Canada.



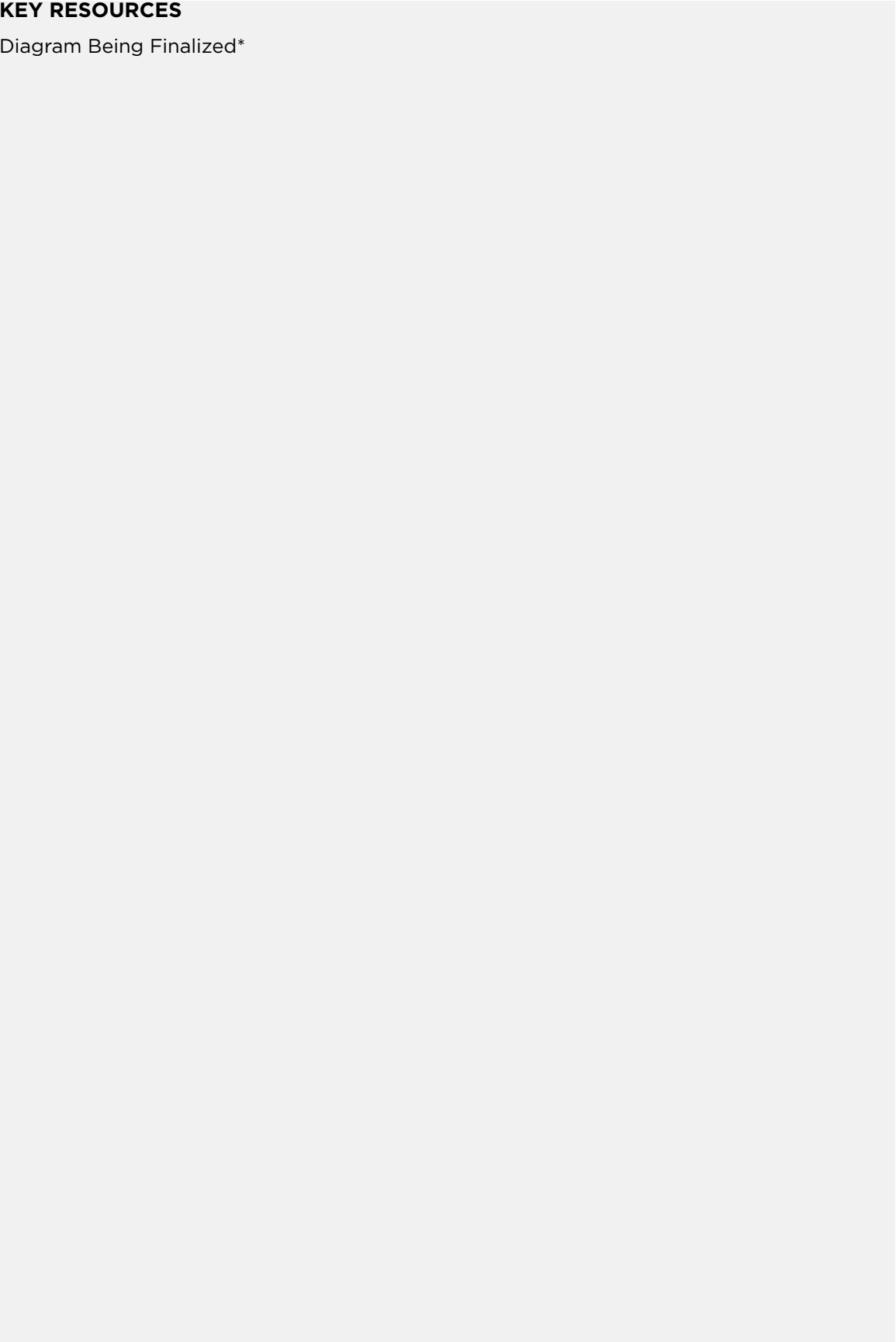
1.1 Shad Logo

1.2 2015 Student Awards

1.3 Student of the Shad Program

KEY RESOURCES

Diagram Being Finalized*

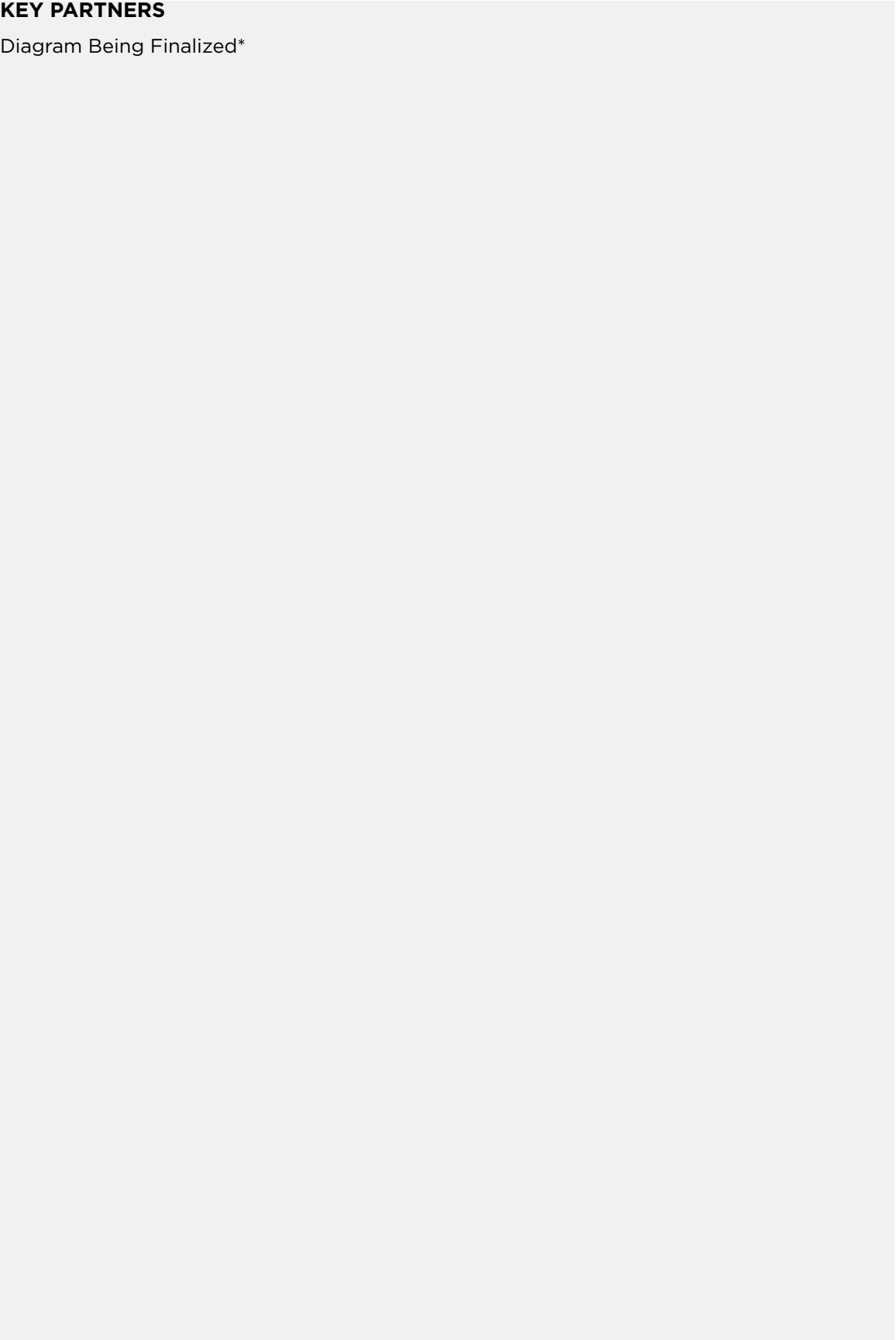


DRAFT

The Institute without Boundaries

KEY PARTNERS

Diagram Being Finalized*

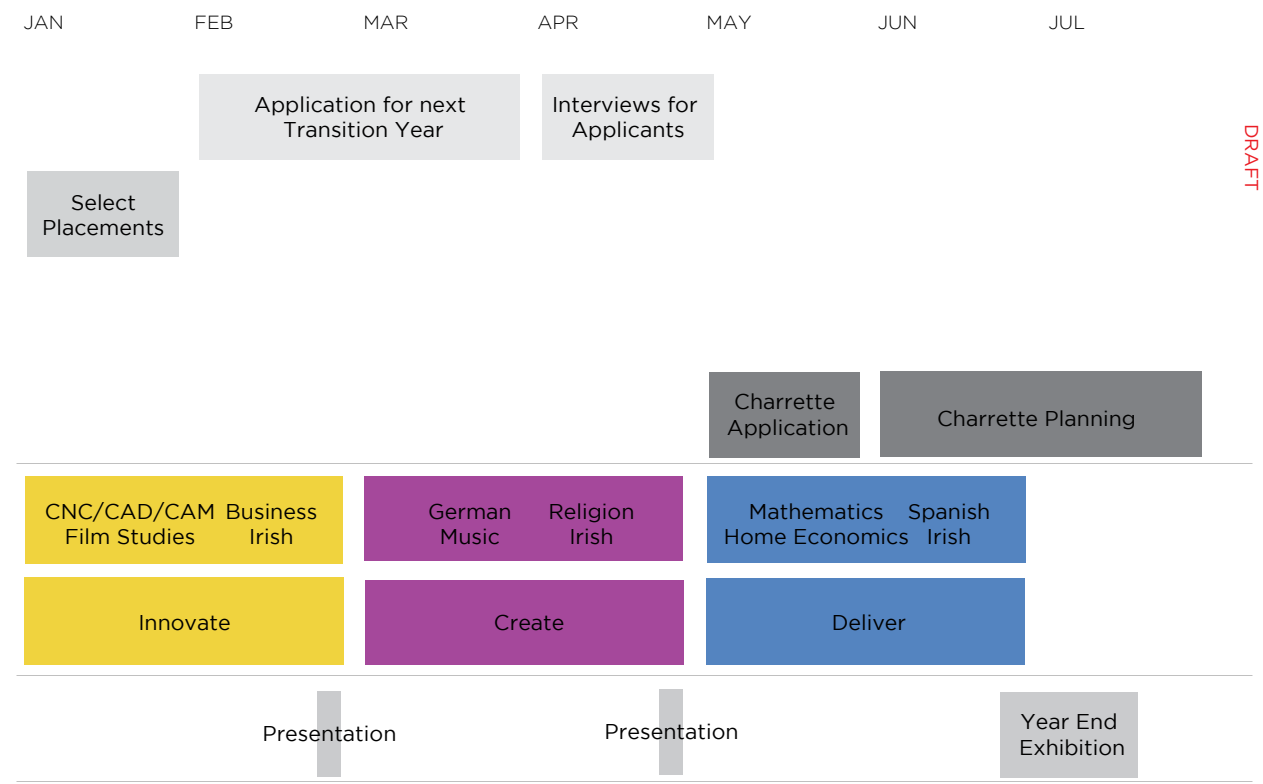
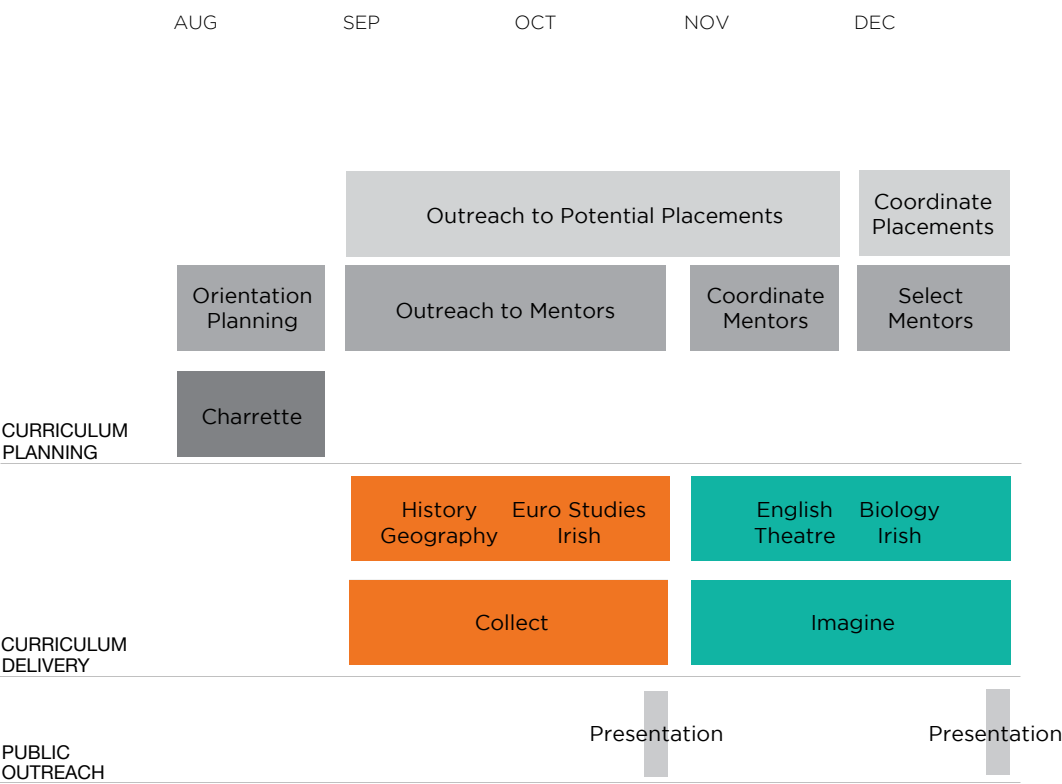


DRAFT

HOW TO GET STARTED?

The Institute without Boundaries

DRAFT

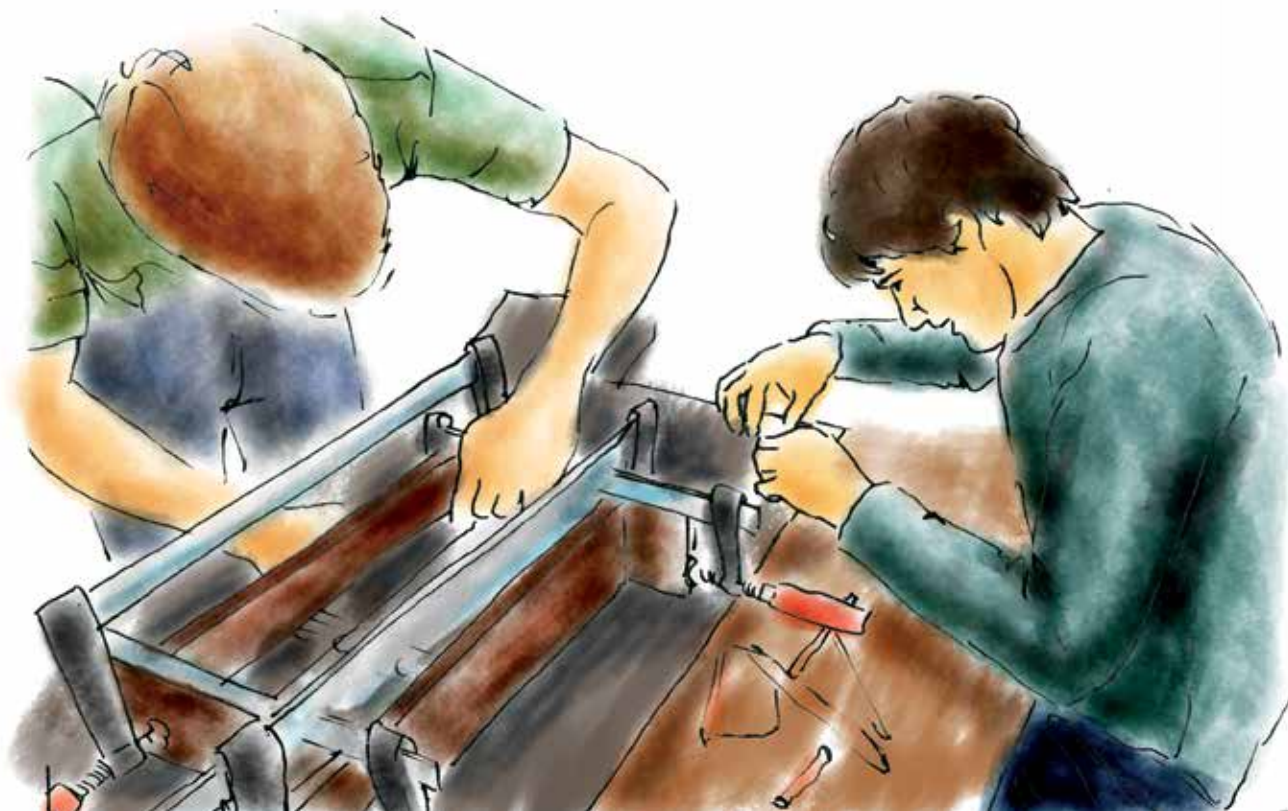


DRAFT

THE MUININ PROJECT COSTING

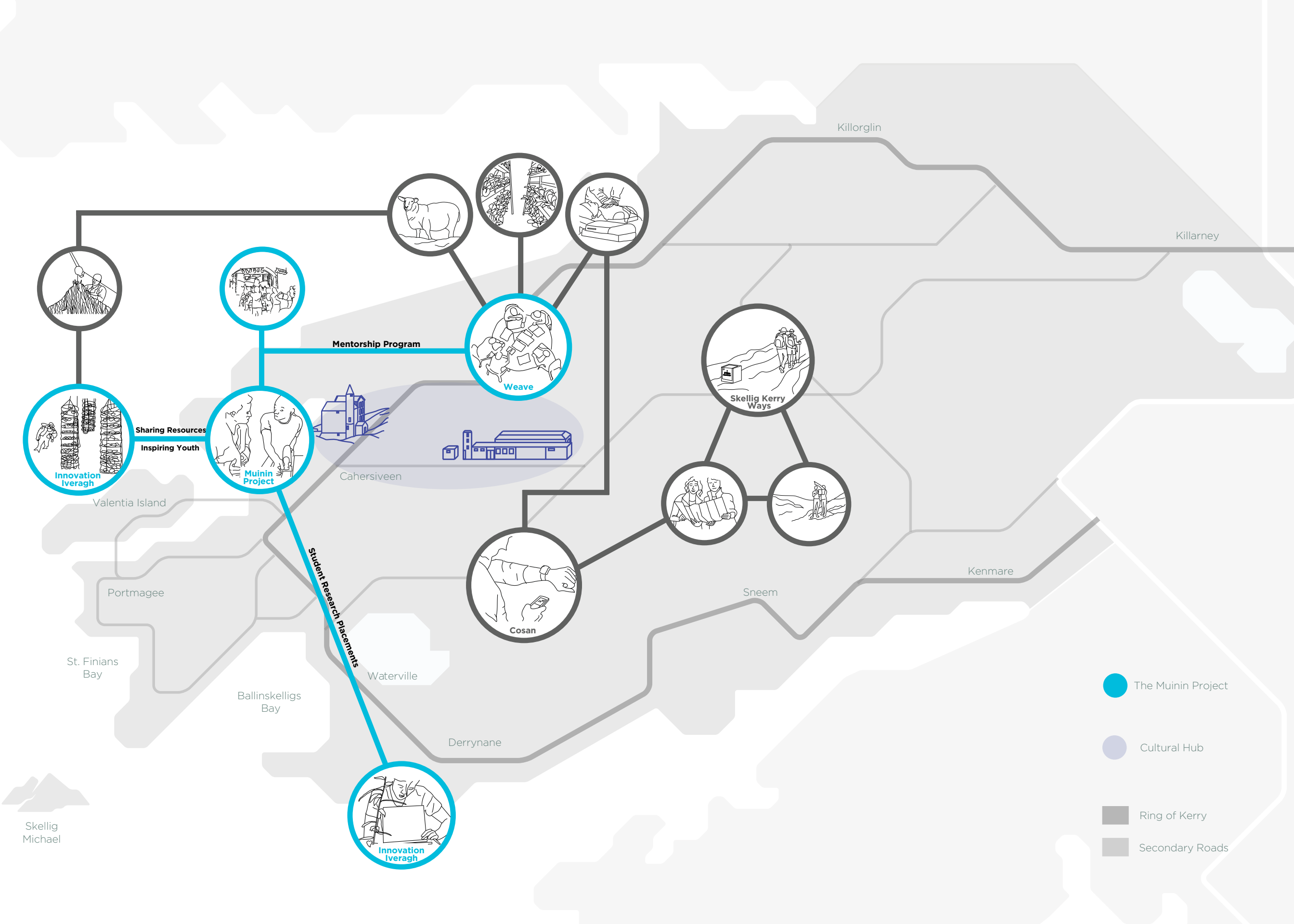
Budgets being finalized *

DRAFT



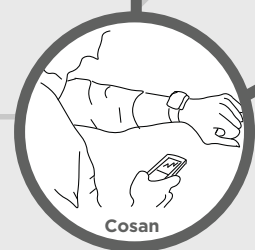
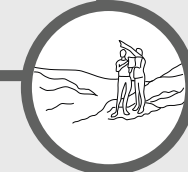
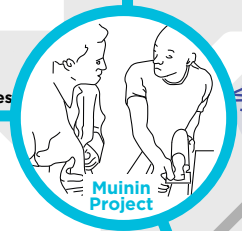
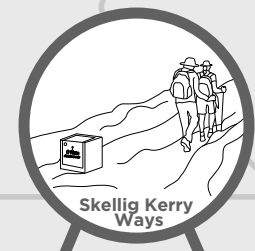
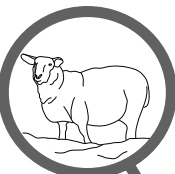
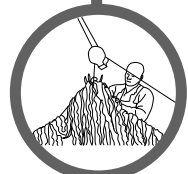
**The Muinin Project
is the avenue that
allows youth to
be the drivers
of change in
the region.**

—



Killorglin

Killarney



Student Research Placements



Sharing Resources
Inspiring Youth

Cahersiveen

Sneem

Kenmare

Derrynane

Waterville

Ballinskelligs Bay

Portmagee

Valentia Island

St. Finians Bay

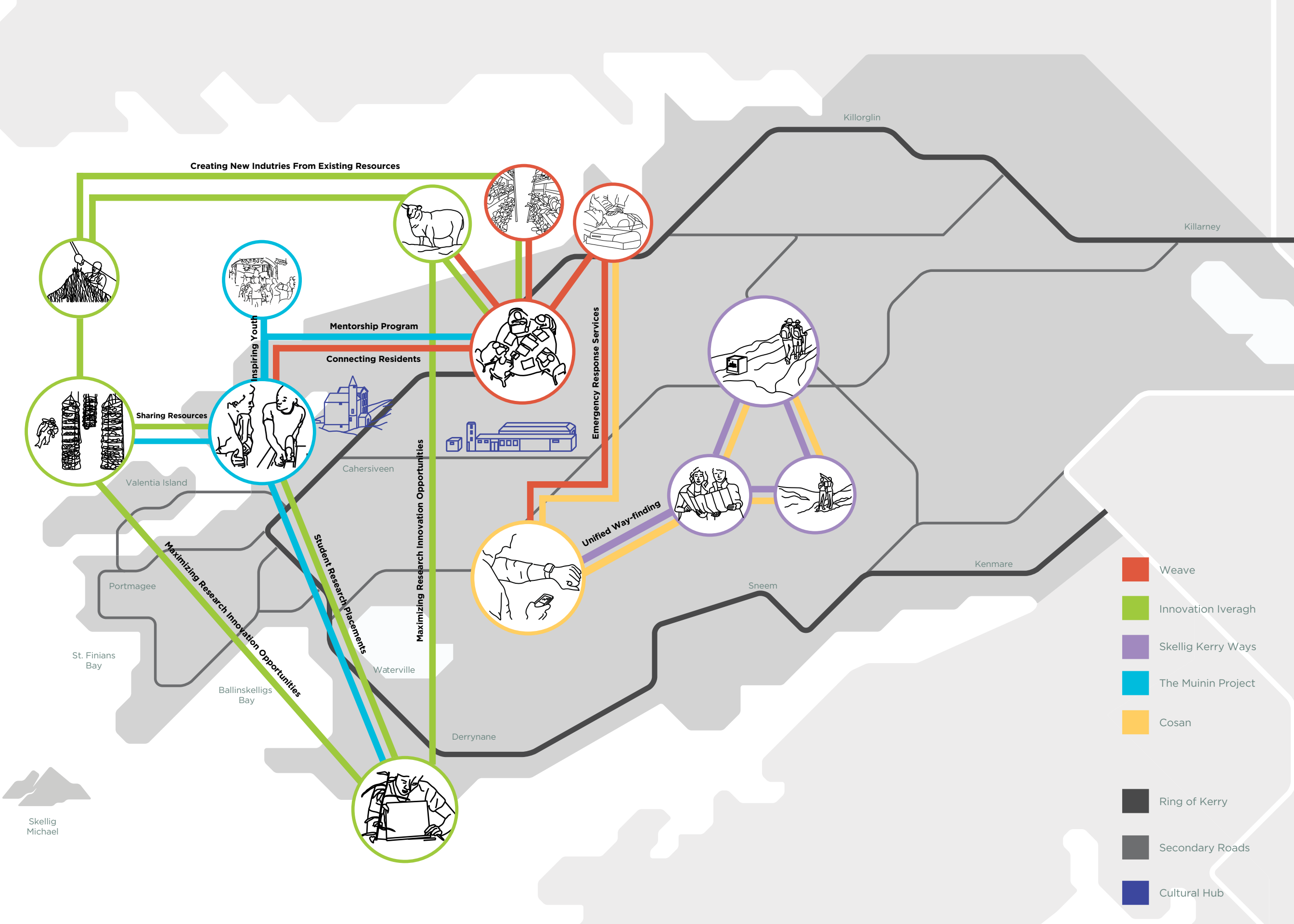
Skellig Michael

The Muinin Project

Cultural Hub

Ring of Kerry

Secondary Roads



A NETWORK OF STRATEGIES

These three strategies whose aims are to encourage collaboration, strengthen identity, and access assets, suggests sustainable growth for Skellig Kerry to unfold over several decades. Despite the low threshold nature and relatively low investment of the projects, they create a large impact. The outcome has a direct impact by triggering new industries that create opportunities for young people to return to the region and work. A ripple effect occurs with potential new jobs in other industries. The proposed tourist offerings extend beyond the spring and summer months into fall and winter. People begin to work together and create ideas for new businesses, attracting new partners and investment opportunities. The region becomes even more unified, and a flourishing community can emerge where many more people would want to live, work, and play.

DRAFT

The Institute without Boundaries

DRAFT

PHASING STRATEGY

PHASING TIMELINE OF ALL PROJECTS

Diagrams being Finalized *

DRAFT

The Institute without Boundaries

DRAFT

CONCLUSION

The proposed projects together achieve a holistic strategy for the region. Weave is a space that catalyzes collaboration between different types of people. It is also a platform that will house Innovation Iveragh, Cosán, Skellig Kerry Ways, and the Muinín Project to launch. Skellig Kerry Ways will extend the tourism season as it showcases the unique identity of the region. It is a service that makes it easier for visitors to navigate and discover all that the region's land and water have to offer. Upon the visitor's arrival to Skellig Kerry they will be equipped with the Cosán wearable that will act as their personal tour guide. With this proposed safety device, visitors will have the confidence to go further into the region and explore what the wilderness has to offer. Innovation Iveragh frames the landscape as a living lab, inviting both local and global experts to research the local natural landscape in order to generate new knowledge and understanding that benefit both purposeful visitors and the region as a whole. Finally, the Muinín Project transforms the region into a classroom, encouraging youth to be more connected to its people, nature, and history. In this process, youth become the drivers of change as they work closely with Weave, Skellig Kerry Ways, Cosán, and Innovation Iveragh. Together, these proposed projects will bring sustainable growth for many years to come.

The Institute without Boundaries

DRAFT

DRAFT

Institute without boundaries class of 2015–16

John Abila
Michelle Cheung
Talia Kalendar
Lius Liu
Viraj Pathare
Shrey Chhatwal
Audrey Mcmann
Amanda Nasturzio
Anuta skyпка
Hassan Zaki
Jane Zhang

Luigi ferrara
dean, centre for arts, design &
information technology
director, institute without boundaries

Christopher pandolfi
heather daam
academic coordinators

Lead designer

Editor
kar yan cheung
paul de Freitas
kristina ljubanovic
susan speigel
lauren wickware
faculty advisors

Special thanks to
the students, faculty and administrative staff from the 2015–2016
class of the Institute without Boundaries at school of design.

Isbn #

Printed by andora graphics inc.,
Toronto, ontario, canada
contact

For information on other school of design publications or to
place an order please contact:
the school of design at
george brown college
230 richmond street east,
toronto, on m5a 1p4
416.415.5000 X2165
visit our website for
more info about the
school of design
www.Georgebrown.Ca
design@georgebrown.Ca
institutewithoutboundaries.Com