Co-financed by the Connecting Europe Facility of the European Union

Hale&Hearty

Improving the Health & Wellbeing of People Living in Ireland

An Roinn Caiteachais Phoiblí agus Athchóirithe
Department of Public Expenditure and Reform

An Roinn Sláinte
Department of Health

Comhairle Contae Fhine Gall
Fingal County Council

An Phríomh-Oifig Staidrimh
Central Statistics Office

Derilinx

Irish Data & Cloud Cluster

Hale&Hearty is a collaborative project with project partners including

An Roinn Caiteachais Phoiblí agus Athchóirithe
Department of Public Expenditure and Reform

An Roinn Sláinte
Department of Health

An Phríomh-Oifig Staidrimh
Central Statistics Office

Fingal County Council
Comhairle Contae Fhine Gall

Derilinx

Irish Data & Cloud Cluster

Supported By

European Commission
Innovation and Networks Executive Agency

How can Public-Sector Bodies not only publish Open Data, but also ensure their initiatives achieve **positive impact**?

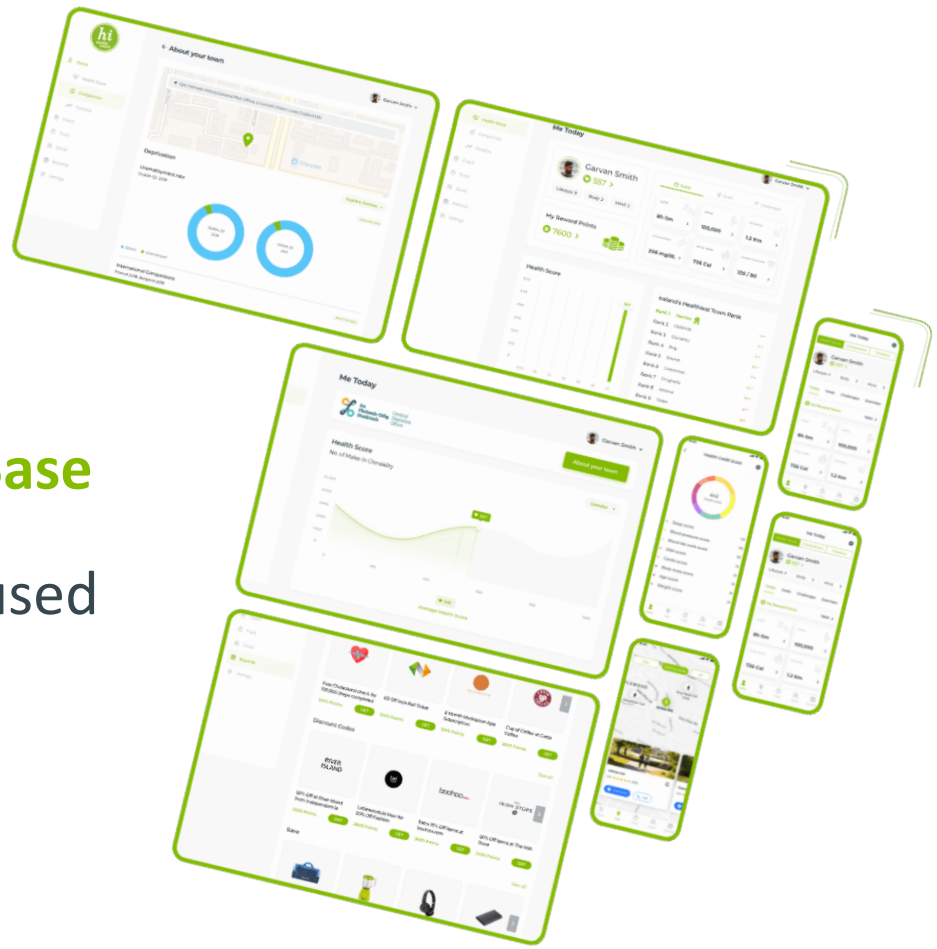
➔ Environmental ➔ Economic ➔ Political ➔ Social

Overall Objective

Provide a comprehensive

Health & Wellbeing Knowledge Base

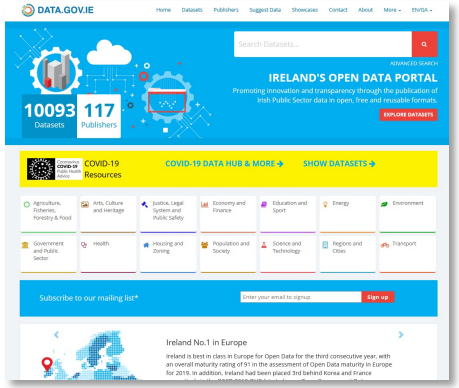
at a granular level, which can be used for analysis, insights and action.

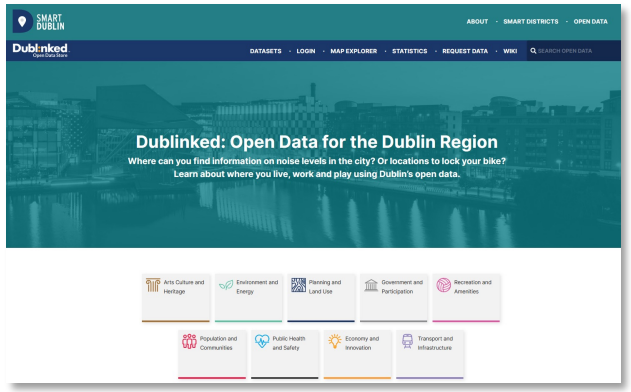


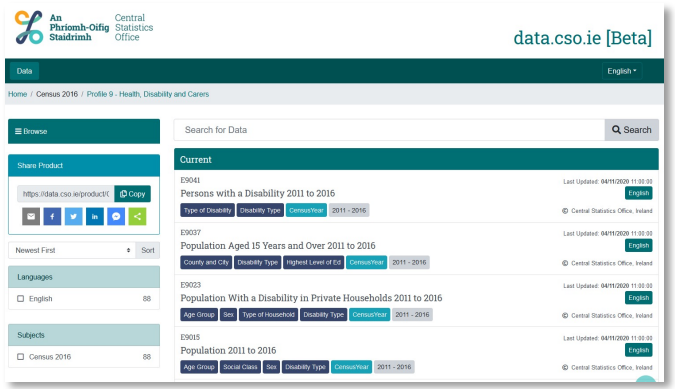
Health & Wellbeing Data

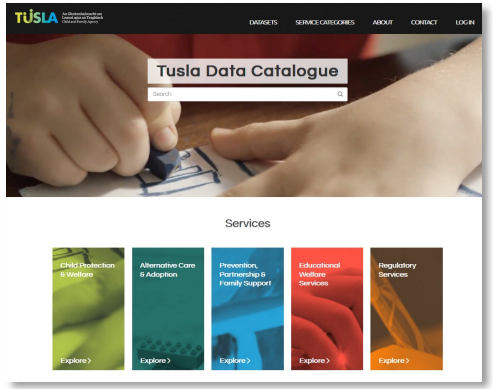
This will involve the harmonisation and linking of data from several different sources, including Local Authorities, Central Statistics Offices, and Healthcare Providers.

Existing & New Data Sources …









... Improved Data

Granular

Harmonised

High-Value

Up-to-date

Accessible

Historical

The Hale&Hearty App

Measurable

Keep a detailed track of your health

Track of Activities

Keep a Track of what you do

Earn Rewards!

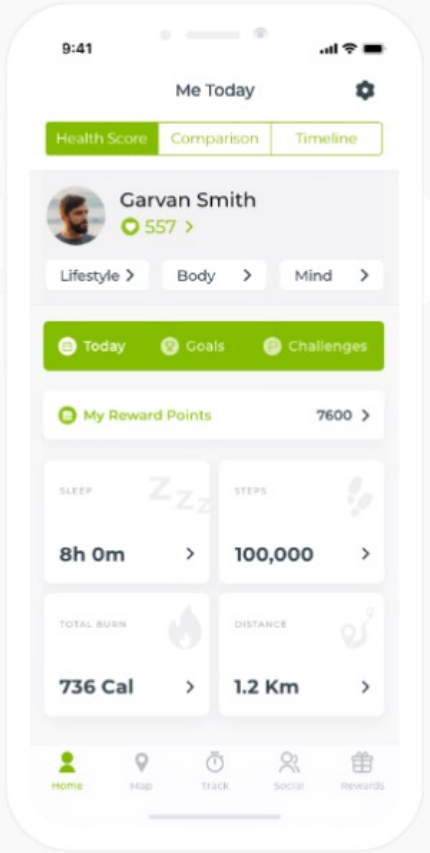
Earn Real Rewards for staying active

Ireland's Healthiest Town

Your score contributes to helping your local town win Ireland's Healthiest Town Award

We care about your Privacy

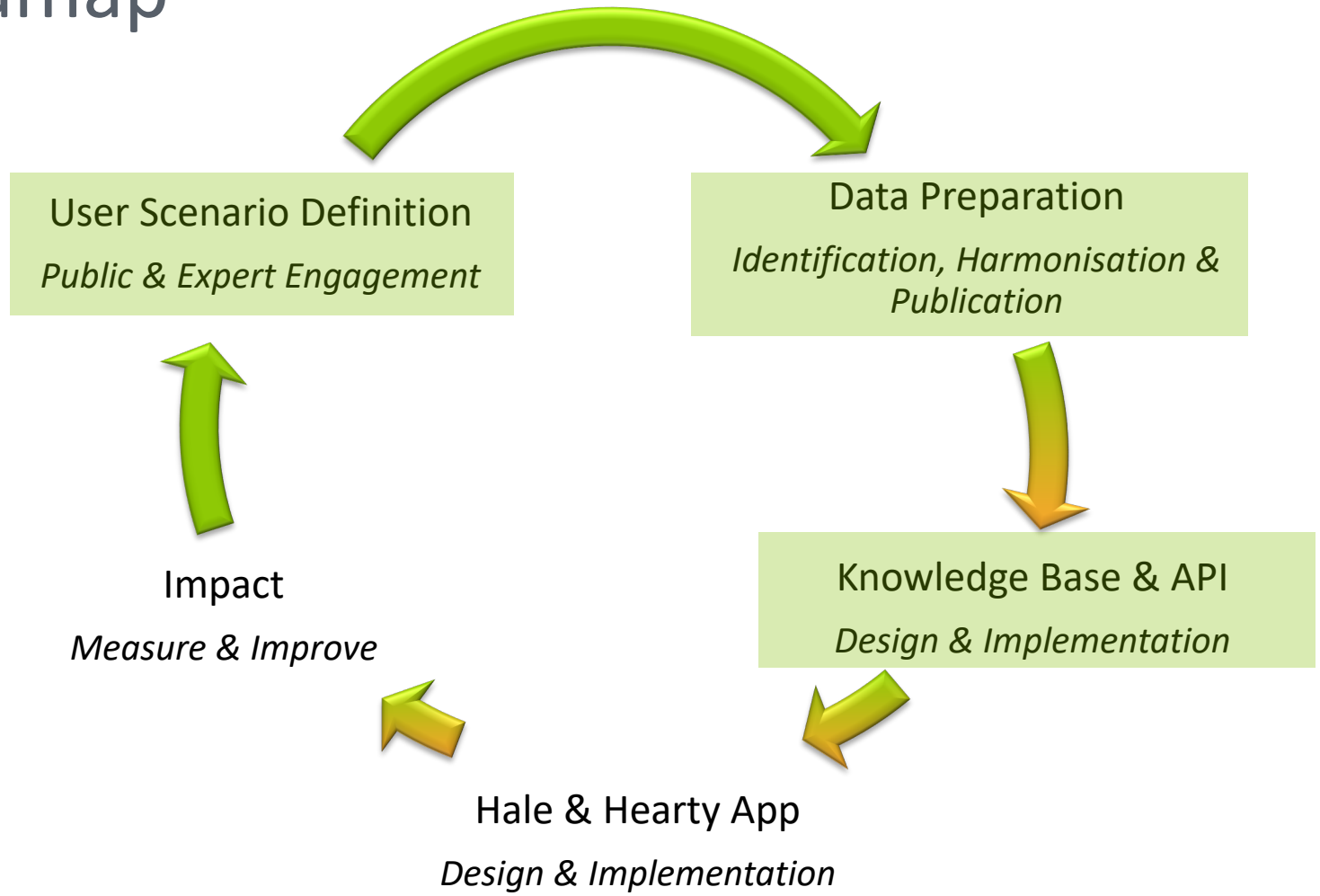
All your personal data and information is protected with us

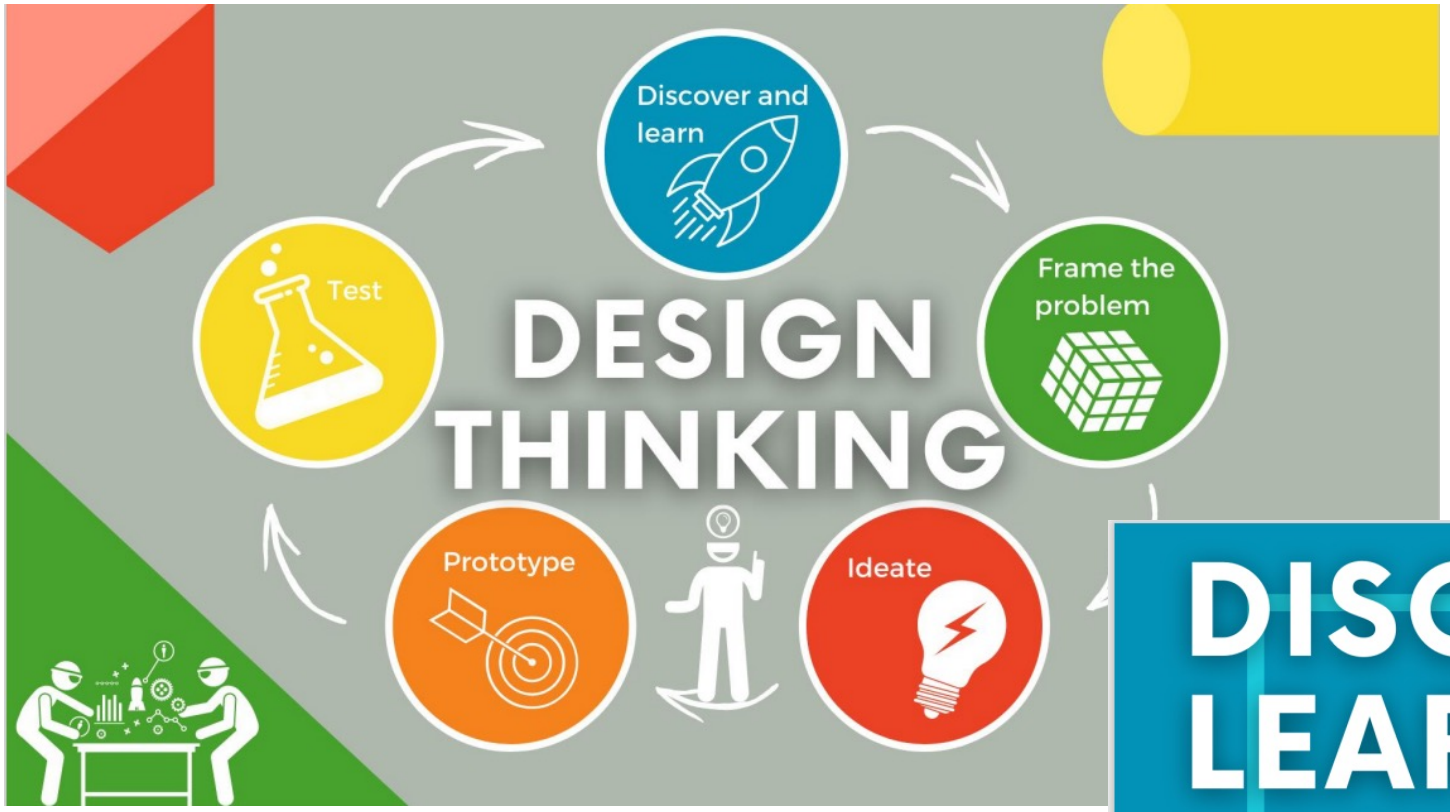


User-Focused

- Families
- Schools
- Data Scientists / Researchers
- Public Sector Employees
- Healthcare Workers

Roadmap


User Scenario Definition
Public & Expert Engagement
Data Preparation
Identification, Harmonisation & Publication
Knowledge Base & API
Design & Implementation
Hale & Hearty App
Design & Implementation
Impact
Measure & Improve



Brainstorming

Who are our users?

What do they need?

What are their frustrations?

Step 1: Workshops | Surveys | Focus Group Questionnaires

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Step 2: Developed Personas

- Families
- School-going

  children/Teenagers/Students
- Data Scientists/Researchers
- People working in the Public Sector
- Health Providers

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Family — The Murphy Family

Demographics

Anne and Frank aged 42, Emma, Luke, Chloe aged 19, 14, 12 and granny Mary aged 89.
The Murphy's live and work in County Cork, their kids go to the secondary schools and college, and attend various sports and social clubs. They care for their elderly relative, granny Mary, who likes to attend her local community center and church to stay connected with friends. Luke has dyslexia and ADHD, he regularly attends speech and language classes.

Key Goals

The Murphy's want to access local information that will help them plan for their recreational activities. They have a very busy schedule ferrying childing to sports, social events and play dates. They care for an elderly relative at home and bring her to age action social events and hospital appointments.

They also want to discover what community activities are on their doorstep.

"We want access to local event and sports information in real-time. Alerts of what's going on in the area for teens and for the older community".

Main Tasks

- Accessing local data such as, location of sports clubs, community centers, Buses, Train/Luas/Dart, Location of Parks, Walking trails, Community Activities.
- Provide info on age and opportunity programme recreation activities.
- GP & Hospital A& E locations. Out of hours GPs.
- Accessibility places with wheelchair access.
- Local support for children with dyslexia and ADHD

Characteristics

Statistical literacy

Computer proficiency

Uses app daily to check updates from community & sports clubs.

Tools used

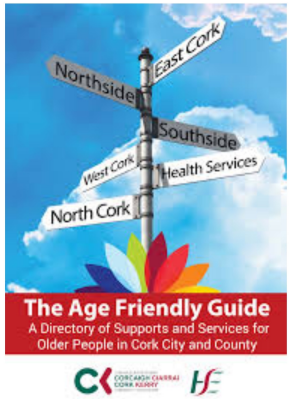
- Internet
- Apps
- Tables, Graphs, Maps

We should provide local recreation and community info, graphs, maps and notifications on the app. Provide info on age friendly supports. Provide local healthcare info.

We must not Make it difficult to find localised info. Make app too complicated. Work on only limited devices

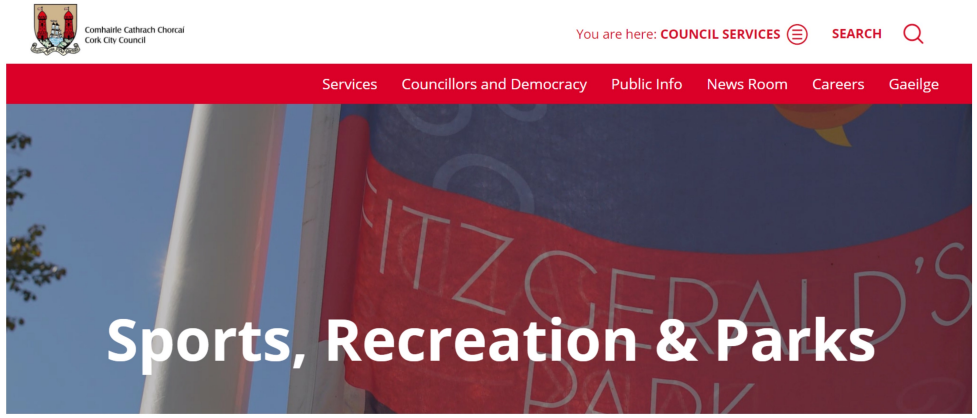
The parents want to look at prevalence of mental health conditions, so that they can have an open discussion with their children.

Frank wants to know information on various local sports clubs (levels, timetables, locations, etc) so he can convince Luke to try one or two out.



Anne wants to share good walking routes in the area so that she can vary her routine

Granny wants to join a bridge club. To socialise more.



Mary wants to get details of clubs etc (bridge, U3A, gardening) in the local area so that she can join

They want ti go for a swim and need - Bathing water quality data/beach tides

Emma is looking for events and activities suitable for all age groups in the family- that they can do together.

Emma wants to get updates on any local events suitable for her age group so that she can attend

The family want to find an activity that they can do in the current weather conditions.

Anne wants to understand who's doing what, when. So a calendar function or integration with my own calendar

When planning for the w/e, Anne & Frank want to see all events happening locally and the suitability of events for teenagers, elderly, cost, availability, accessibility at event location, etc

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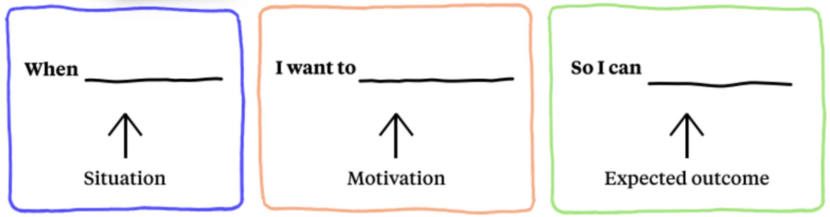
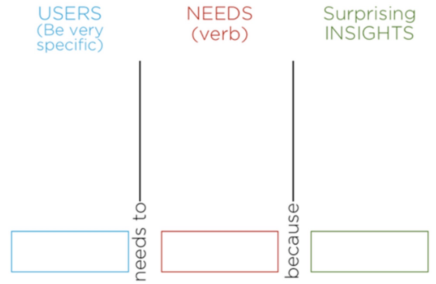
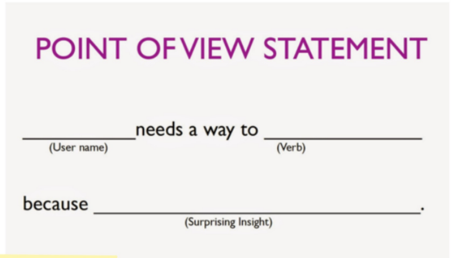
When Granny Mary isn't feeling well, Anne & Frank want to bring her to the hospital with the shortest waiting time.



The family want to find an activity that is low risk from COVID, because of low incident rate in area and outdoors.





Frank wants to get latest updates from the local sports clubs about matches (his own and the kids') so that he can plan weekends

Emma needs directions, public transport, and potentially lift share information to events and amenities as she doesn't drive or cycle

The family would like an integrated timetable of all activities at their local GAA club (different age groups etc.

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Conclusions

General User

- **The Murphy Family** need a way to easily access up to date health and wellbeing information for their local area so they can avail of local health services and engage in local recreational activities and events in their community.
- **Mia** needs a way to access the latest summarised comparative local, regional and national health and wellbeing information for research purposes so that she can inform her work colleagues and the public at large on general health and wellbeing matters.

Data User

- **Mario** needs a way to access the latest and historic detailed high-quality granular health and wellbeing data as a web service with appropriate metadata so that he can perform detailed statistical analysis and disseminate relevant and timely health and wellbeing

Health User (beyond the scope of the project)

- **Rosanna** needs a way to access specialised professional health and wellbeing information for her GP practice as well as the latest good quality health and wellbeing resources so she is up to date on developments in health and wellbeing and can easily furnish relevant understandable information to her patients.

- The data Rosanna requires is difficult to access for a variety of reasons. It may be personal data, which is beyond the scope of this project, and a lot of the data Rosanna requires is not currently available so would require negotiations to provide it as open data. Nevertheless, in general Rosanna's information needs are catered for by the Health Service Executive and organisations that support healthcare professionals. Due to these issues, it was decided not to pursue the requirements for this user.

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Knowledge Base

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H&H Knowledge Base

1. **Location-based searching**
- Address
- Postcode
- Use my location
- Right-click on map

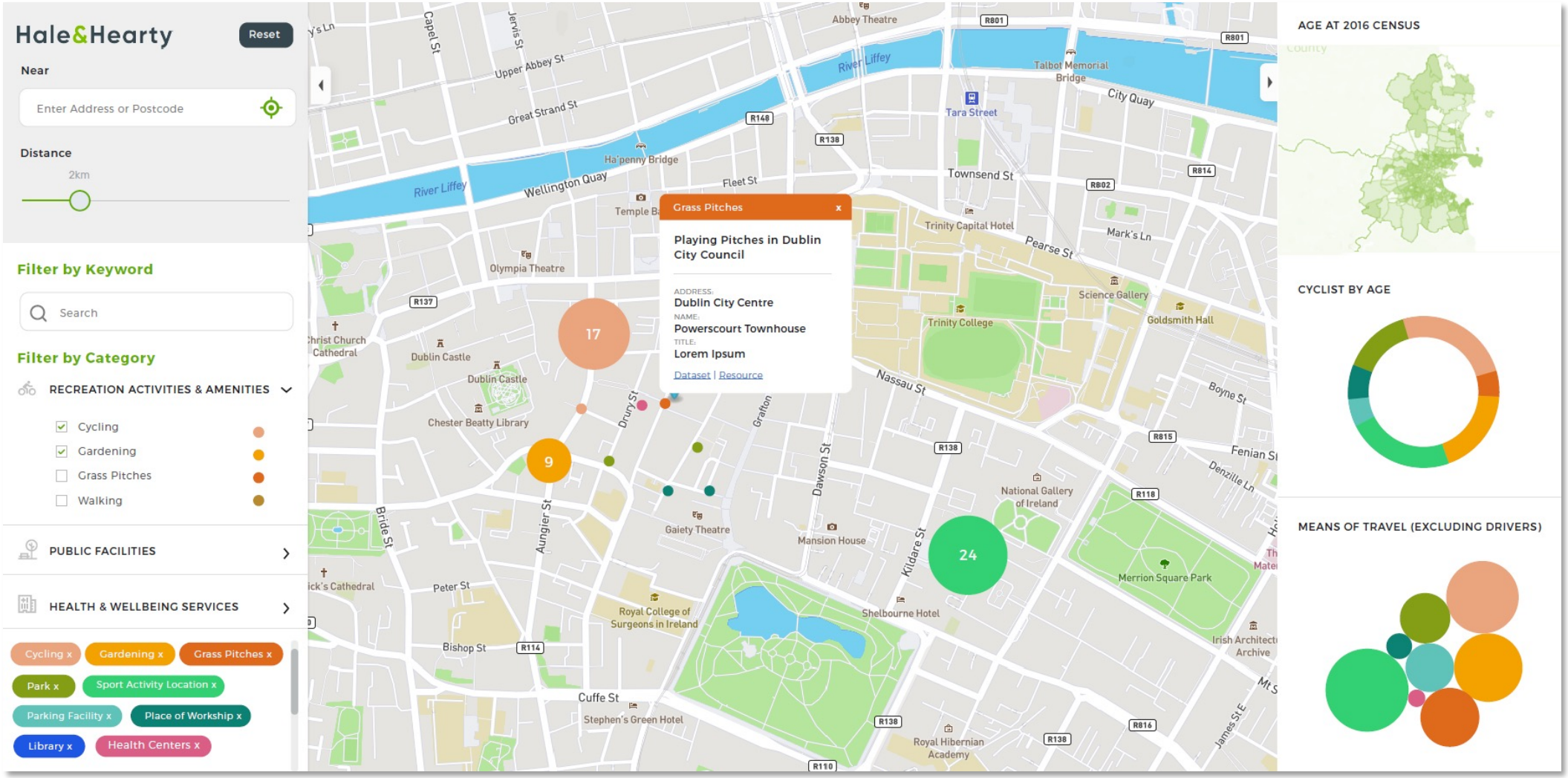
2. **Filters**
- Recreation Activities & Amenities
- Public Facilities
- Health & Wellbeing Services

3. **Harmonisation of datasets from multiple sources**
- CSO, Fingal County Council, South Dublin County Council, Dún Laoghaire-Rathdown County Council, Cork City Council, Sport Ireland, Fáilte Ireland

4. **Geospatial data presentation**

5. **Statistical data presentation**

6. **Linking of information to original data sources**


Hale&Hearty
Reset
Near
Enter Address or Postcode
Distance
2km
Filter by Keyword
Search
Filter by Category
RECREATION ACTIVITIES & AMENITIES
Cycling
Gardening
Grass Pitches
Walking
PUBLIC FACILITIES
HEALTH & WELLBEING SERVICES
Cycling x
Gardening x
Grass Pitches x
Park x
Sport Activity Location x
Parking Facility x
Place of Worship x
Library x
Health Centers x
Grass Pitches
Playing Pitches in Dublin City Council
ADDRESS:
Dublin City Centre
NAME:
Powerscourt Townhouse
TITLE:
Lorem Ipsum
Dataset | Resource
17
9
24
River Liffey
Wellington Quay
Great Strand St
Upper Abbey St
Abbey Theatre
Talbot Memorial Bridge
City Quay
Tara Street
Townsend St
Trinity Capital Hotel
Pearse St
Science Gallery
Goldsmith Hall
Trinity College
Nassau St
Boyne St
Fenian St
Denzille Ln
National Gallery of Ireland
Merrion Square Park
Mansion House
Gaiety Theatre
Shelbourne Hotel
Royal College of Surgeons in Ireland
Stephen's Green Hotel
Royal Hibernian Academy
Irish Architect Archive
Olympia Theatre
Dublin Castle
Chester Beatty Library
Christ Church Cathedral
Peter St
Bishop St
Cuffe St
Drury St
Grafton
Dawson St
Aungier St
Bride St
Kildare St
James St E
Fleet St
Mark's Ln
Ha'penny Bridge
AGE AT 2016 CENSUS
CYCLIST BY AGE
MEANS OF TRAVEL (EXCLUDING DRIVERS)

Hale&Hearty

Reset

Select Location

Select a location either by clicking on the map or using the options below

Use my location

Distance

6 km

Filter by Keyword

Search

Show results

Filter by Keyword

Use the filters to narrow down results (Optional)

TIVITIES & AMENITIES

Gardening

Grass Pitches

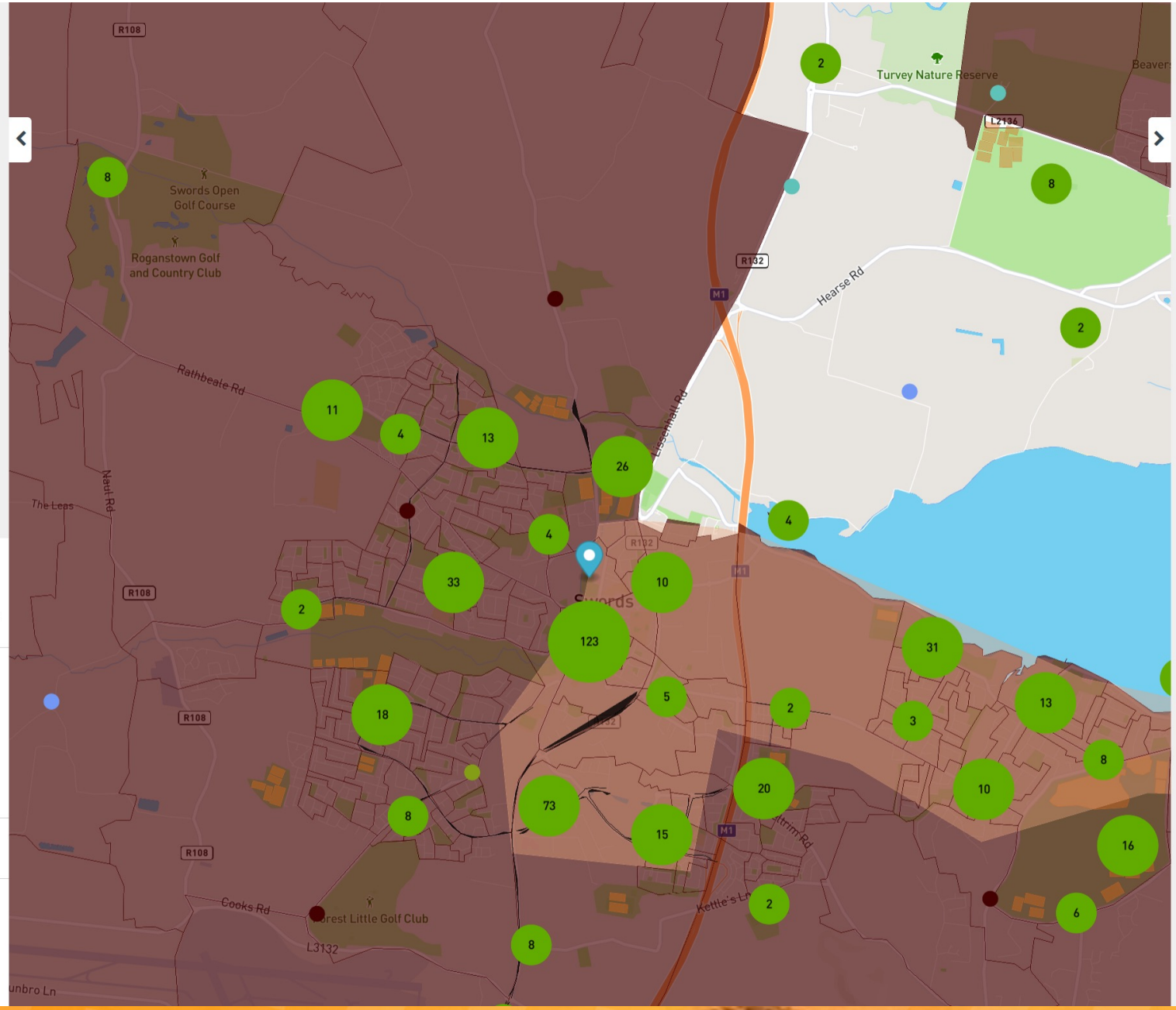
Walking

PUBLIC FACILITIES

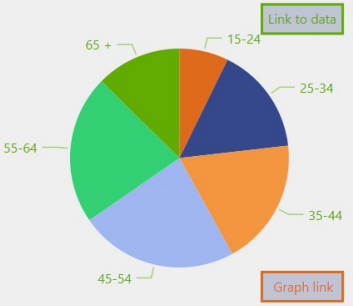
HEALTH & WELLBEING SERVICES

1636 DataPoints

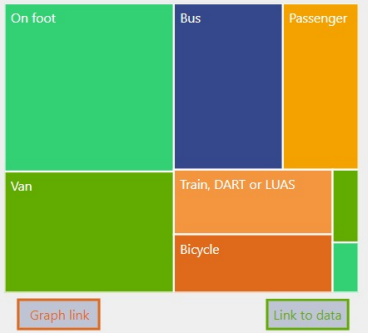
View All Datasets



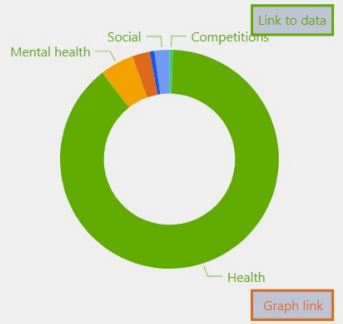
Cyclists by Age



Means of Travel 2016 (excl. drivers)



Motivation for Cycling



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Log In | Register

Hale&Hearty

Datasets | Organizations | Knowledge Base | About | Search

Datasets

Hale & Hearty Category

- Health & Wellbeing ... 440
- Public Facilities 40
- Recreation Activiti... 18
- Health & Wellbeing ... 4

Organisations

- Central Statistics ... 394
- Fingal County Council 72
- SmartDublin 20
- Dublin City Council 13
- Environmental Prote... 9
- Dún Laoghaire-Rathd... 8
- Cork City Council 7
- Ordnance Survey Ire... 7
- Health Service Exec... 3
- Fáilte Ireland 2

Show More Organisations

Geospatial

- Region 257
- Address 3
- County 3
- x/y 3

Search datasets...

546 datasets found

Order by: Relevance

Public Toilets FCC

Fingal County Council

List of Managed Public Toilets by Fingal County Council 2021Information public may like to look at another open data site where they can have input on public toilets when out...

HTML | ArcGIS GeoServices REST API | GeoJSON | CSV | KML | ZIP

Map showing Parks FCC

Fingal County Council

Parks Listing on Map within Fingal County Council

HTML | ArcGIS GeoServices REST API | GeoJSON | CSV | KML | ZIP

Drinking Water Stations FCC

Fingal County Council

Europe's first contactless bottle filling stations are being rolled out in the Fingal area by a local company Ecofil for Fingal County Council. The new bottle filling stations...

HTML | ArcGIS GeoServices REST API | GeoJSON | CSV | KML | ZIP

Public Art FCC

Fingal County Council

Listing of Public Art and Murals within Fingal County Council. With location and brief information on each item and artist details.With Mapping of locations of items.

HTML | ArcGIS GeoServices REST API | GeoJSON | CSV | KML | ZIP

Heritage Venues FCC

Fingal County Council

Location of Heritage Venues. Includes contact information, description, opening hours & facilities. For more information see www.fingal.ie

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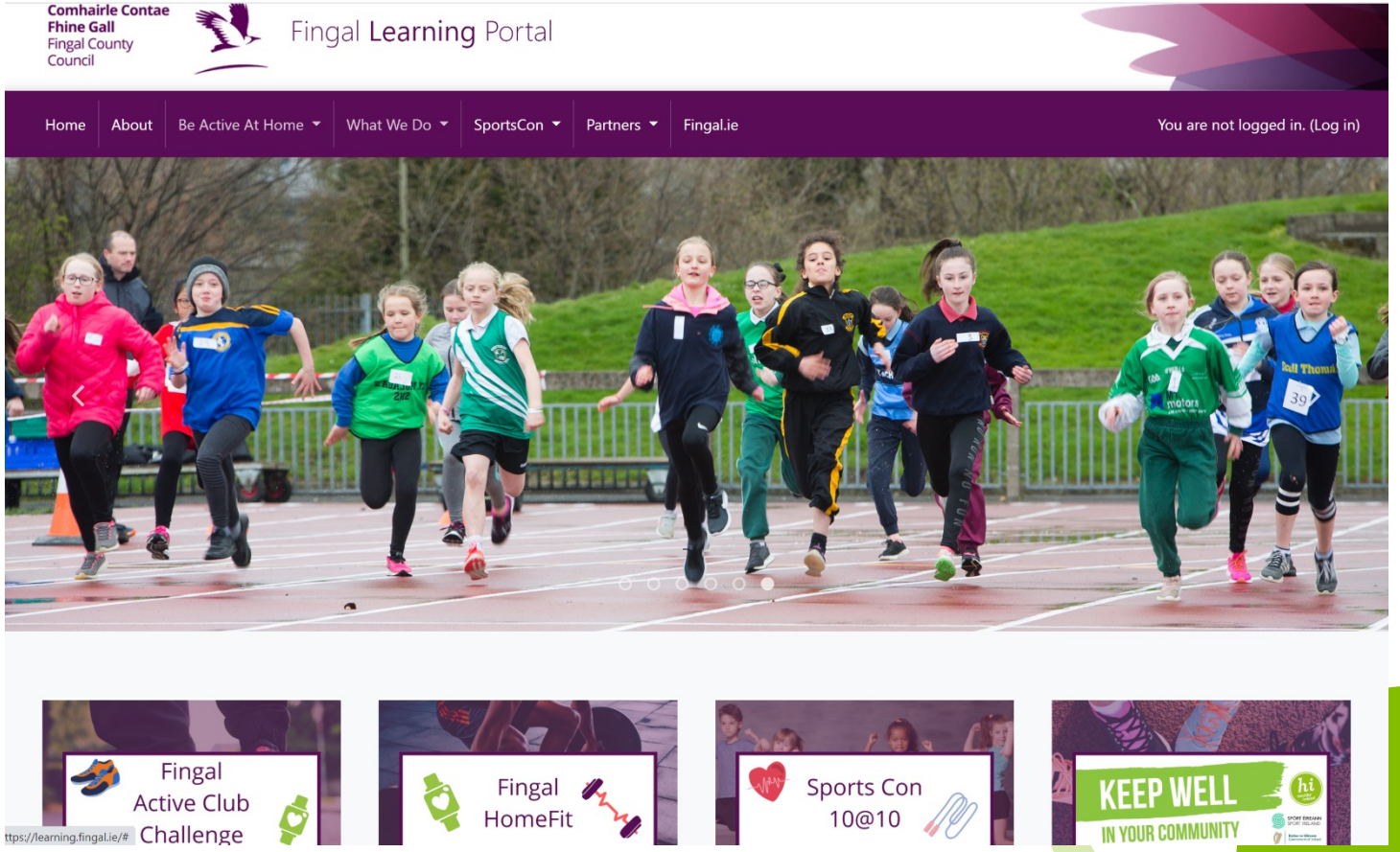
H&H Supporting Strategies



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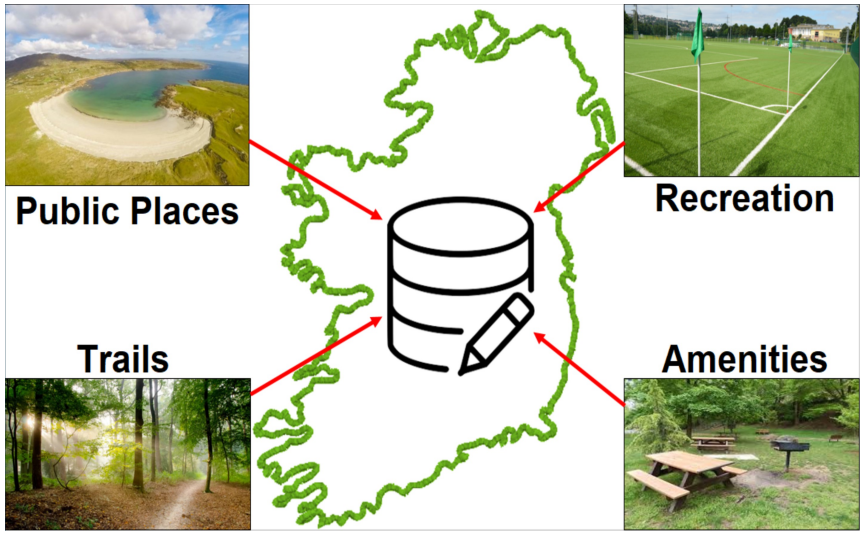
H&H Supporting Initiatives: National Sports & Recreation Database

SPORT IRELAND OUTDOORS

Collaborative Project Led by Sport Ireland



Aims

1. Collect **Authoritative Data** on Sport & Recreation Amenities
2. Serve Information to the **Public**
3. Provide **Benefit to Data Providers**
4. Facilitate **National & Local Policies**

Hale&Hearty

Test & Explore

https://data.gov.ie/haleandhearty

Co-financed by the Connecting Europe Facility of the European Union

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