

# Hospital Waiting Lists - Open Document Repository



OPEN  
KNOWLEDGE  
IRELAND

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“... authentic *Open Data* preserved ...  
today's links are working 10 years from  
now...”

# Agenda

1. Introduction
2. Section 1- Hospital Waiting Lists
3. Section 2 - Link Rot (File Not Found)
4. Section 3 - Data Publication Criteria
5. Section 4 - Open Document Repository Demo
6. Wrap-Up
7. References

# Introduction

## Past

- (1) Provide a snapshot of the Hospital Waiting List Project - Bring you up to speed on what has happened

## Short Term

- (2) Share with you how we plan to make the open data available via the ***Open Document Repository***

## Medium Term

- (3) Pilot Applications & Partners

Jan 2016

May 2016

Oct 2016

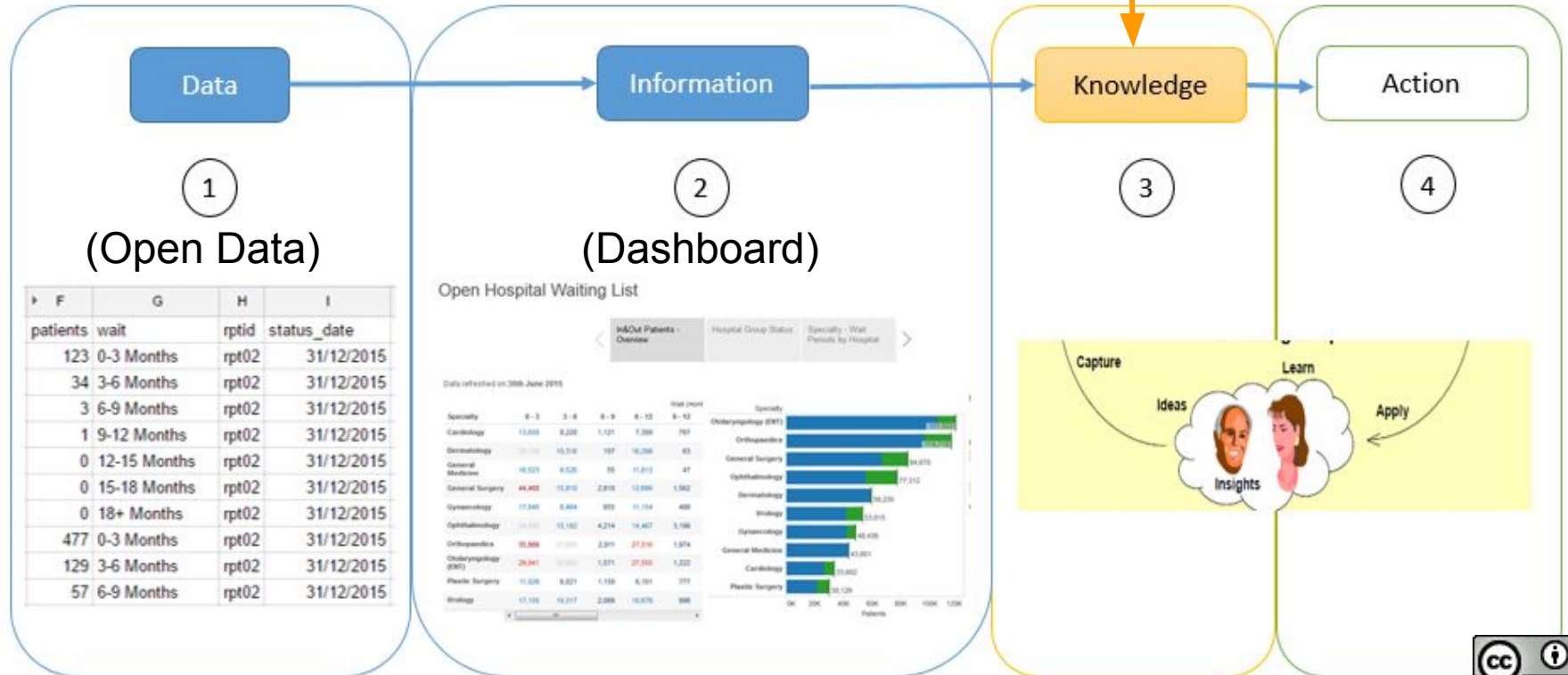


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# Section 1 : Hospital Waiting Lists

Data-Information-Knowledge-Action Link (Milton, 2005)



# (1) Open Data (Linked)

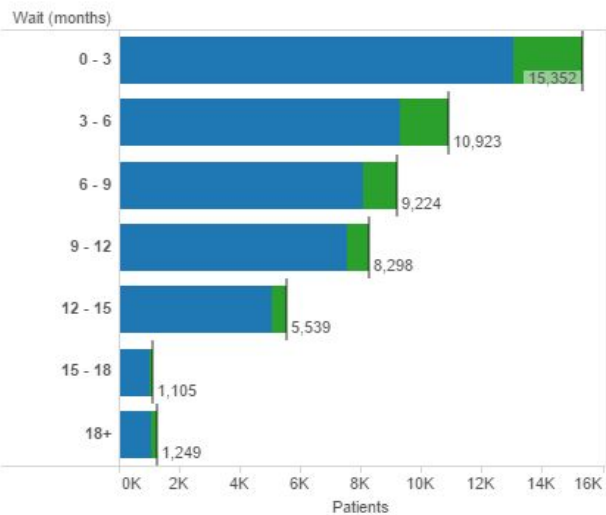
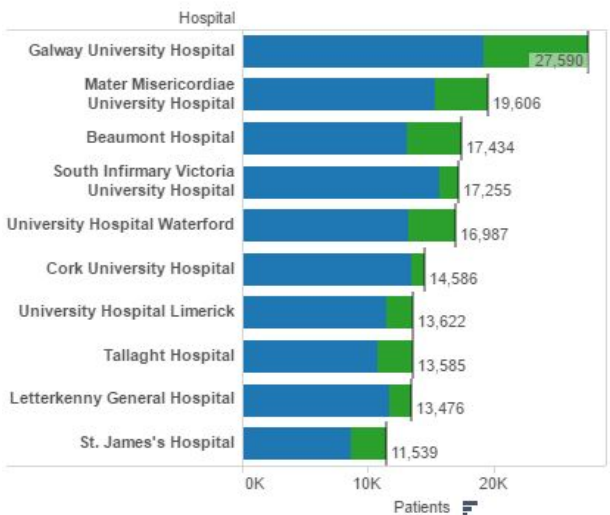
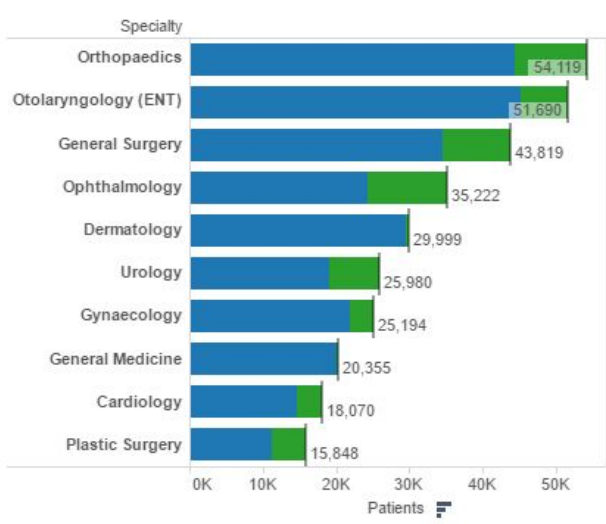
```
<okirl:huid02> a
  dbo:Hospital
  dbo:Hospital <http://dbpedia.org/resource/Beaumont\_Hospital,\_Dublin> ;
  dbo:bedCount "820"^^xsd:nonNegativeInteger ;
  dbo:wikiPageID 6112359 ;
  okirl:hgid 4 ;
  okirl:hgroup "RCSI Hospitals Group" ;
  okirl:hguid <okirl:hguid4> ;
  okirl:hid 2 ;
  okirl:name "Beaumont Hospital" ;
  osm:country "Republic of Ireland" ;
  osm:county "County Dublin" ;
  osm:lat 53.3923659 ;
  osm:lon -6.222199 ;
  osm:road "Beaumont Hospital" ;
  osm:way <osm:way22634348> .
```



OpenStreetMap

# (2) Dashboard

Specialty	Wait (months)				
	0 - 3	3 - 6	6 - 9	9 - 12	12 - 15
Cardiology	7,017	4,518	3,236	2,103	1,116
Dermatology	11,099	7,094	4,946	3,394	2,249
General Medicine	8,192	4,757	3,371	2,386	1,264
General Surgery	24,451	9,476	5,143	2,892	1,515
Gynaecology	10,327	5,737	3,986	2,807	1,848
Ophthalmology	12,562	8,326	6,083	4,682	3,407
Orthopaedics	19,280	12,723	9,985	6,729	4,236
Otolaryngology (ENT)	15,352	10,923	9,224	8,298	5,539
Plastic Surgery	6,073	3,780	2,755	1,772	1,117
Urology	9,873	5,791	4,340	3,478	2,038



10

Report Status Date

- (All)
- May 28, 2015
- June 30, 2015
- December 31, 2015

Hospital

(All)

Specialty

(All)

Wait period (months)

- (All)
- 0 - 3
- 3 - 6
- 6 - 9
- 9 - 12
- 12 - 15
- 15 - 18
- 18+

In/Out

- (All)
- inpatient
- outpatient

In/Out

- inpatient
- outpatient

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# Section 2 : Link Rot - File Not Found

2.1 Video Tapes - 1980's, 1990's



2.2 “*Link Rot*” - File Not Found



([HBR 2013](#)) - “50% of links in the US Supreme Court opinions website were broken.”

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# Section 3 - Criteria

1. **Data Permanence** – the same URL will work in 1 year...10 years
2. **Trust** – Be confident that this information is really published by OK Ireland
3. **Authorship of Data** - Show where the source data came from.
  
4. **Privacy** – Data is protected by strong cryptography
5. **Secure and Authentic** - Data is protected from the source to the database to the frontend
6. **Persistent** - Data can not be tampered with, all changes are permanently logged

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# Section 4 - Open Document Repository Demo

Open Document Repository

Search

Browse

Upload

## Upload Document

Here you can upload a document into the repository

**Category:**

Education

**Author:**

Open Knowledge Ireland

**Keywords (separated by ","):**

Knowledge 4 Health, PHI, Public Health Institute, Conference, 25052016, slides

**Select a file:**

Choose File No file chosen

**Select a signature file for the file above:**

Choose File No file chosen

I certify that I own all rights to this document to upload it for public access on IPFS.

Start upload

(these slides on IPFS)

<https://ipfs.io/ipfs/QmcWEgqp8R2odv5HxEanYgGjDZtEb9xV5VyMJ1zq6xab5w>

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# Wrap-Up

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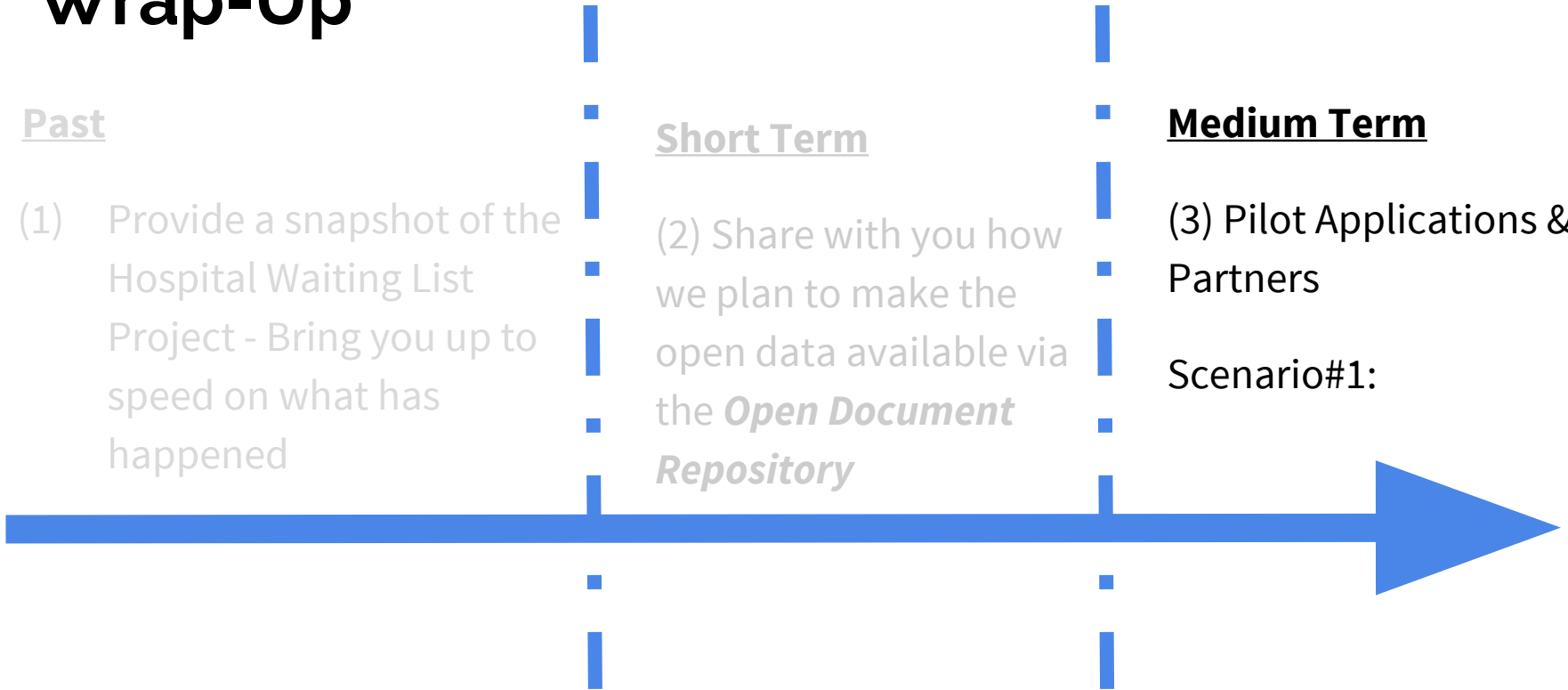
## Medium Term

- (3) Pilot Applications & Partners  
Scenario#1:

Jan 2016

May 2016

Oct 2016



# Scenario#1: Designer, Customer, Builder

ID	Task	Time	Designer	Customer	Builder
1	Agreement to Start		X	X	X
2	Upload Design Doc V0.1	2d	X		
3	Review Design V0.1, document changes in “Review Doc”	2d		X	
4	Process “Review Doc” , updates design and publish as Design Doc V1.0	2d	X		
5	Approve Design V 1.0	1d		X	
6	Build Design V1.0 & Deliver	5d			X
7	Confirm Acceptance	1d		X	
8	Agreement to Close	1d	X	X	X



# Thank You

<https://openknowledge.ie>  
<https://twitter.com/okfir>  
<https://www.facebook.com/okfir>

# References

Hospital Waiting List for Dec 2015 is now available on IPFS.

## A) **okfn-ie-hospital-data**

<https://ipfs.io/ipfs/QmT66oHDwzb8dU5vnZt3Ez5aStcWCjbqjNE2pA25ShTjmM/>

## (B) **hospital dashboard**

<http://openknowledge.ie/projects/open-hospital-waiting-list/> (by [Dan Alexandru Bujoreanu](#))

*Navigate and Explore !!!*

<https://openknowledge.ie>