

Connemara Open Data Project

Harnessing Open Data
Dublin 19.11.2018

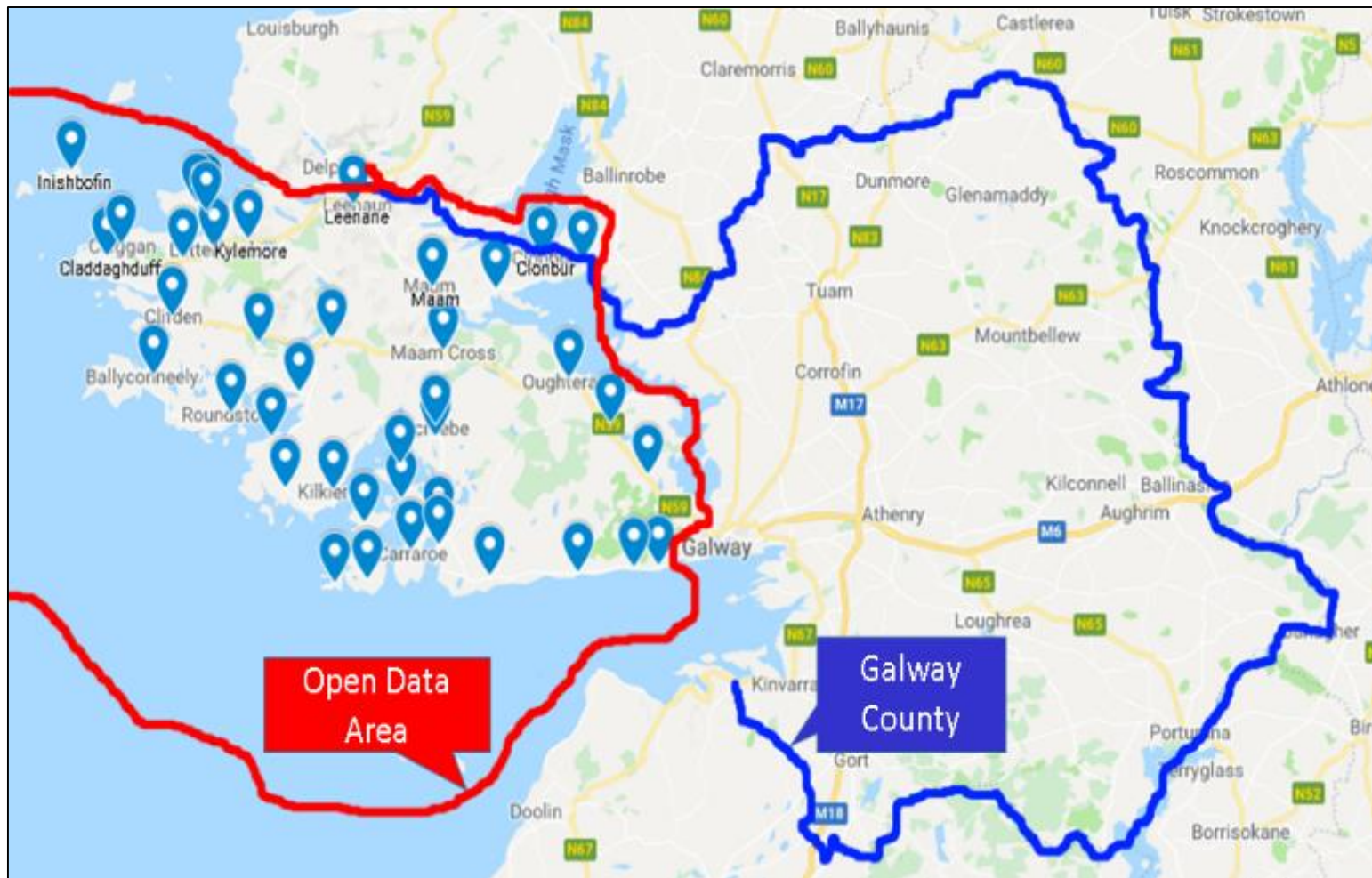


Connemara

Connemara Open Data		Home	Open Data	Its Uses
About Connemara		Open Data		
Connemara is on the west coast of Ireland.		Over 25,000 records on Connemara are now available		
<ul style="list-style-type: none">» Size: 2000 km²» Has 50 communities» Population of 31,000» Over 14,500 Households» 1,800 Businesses and Community Organisations» A highly seasonal economy» 64% of all economic activity is tourism related» High levels of emigration» Poor physical and communications infrastructure» Located in the center of the Wild Atlantic Way		<ul style="list-style-type: none">» Towns» Architecture, Landscape» Pre history, History, Heritage» Economy and Census 2016» Natural and Community Resources» Religious (pre History to Christian)» Flora and Fauna» Traditions» Climate» Photographs		

www.connemaraprogramme.com/opendata

Area Covered



30% of Co Galway

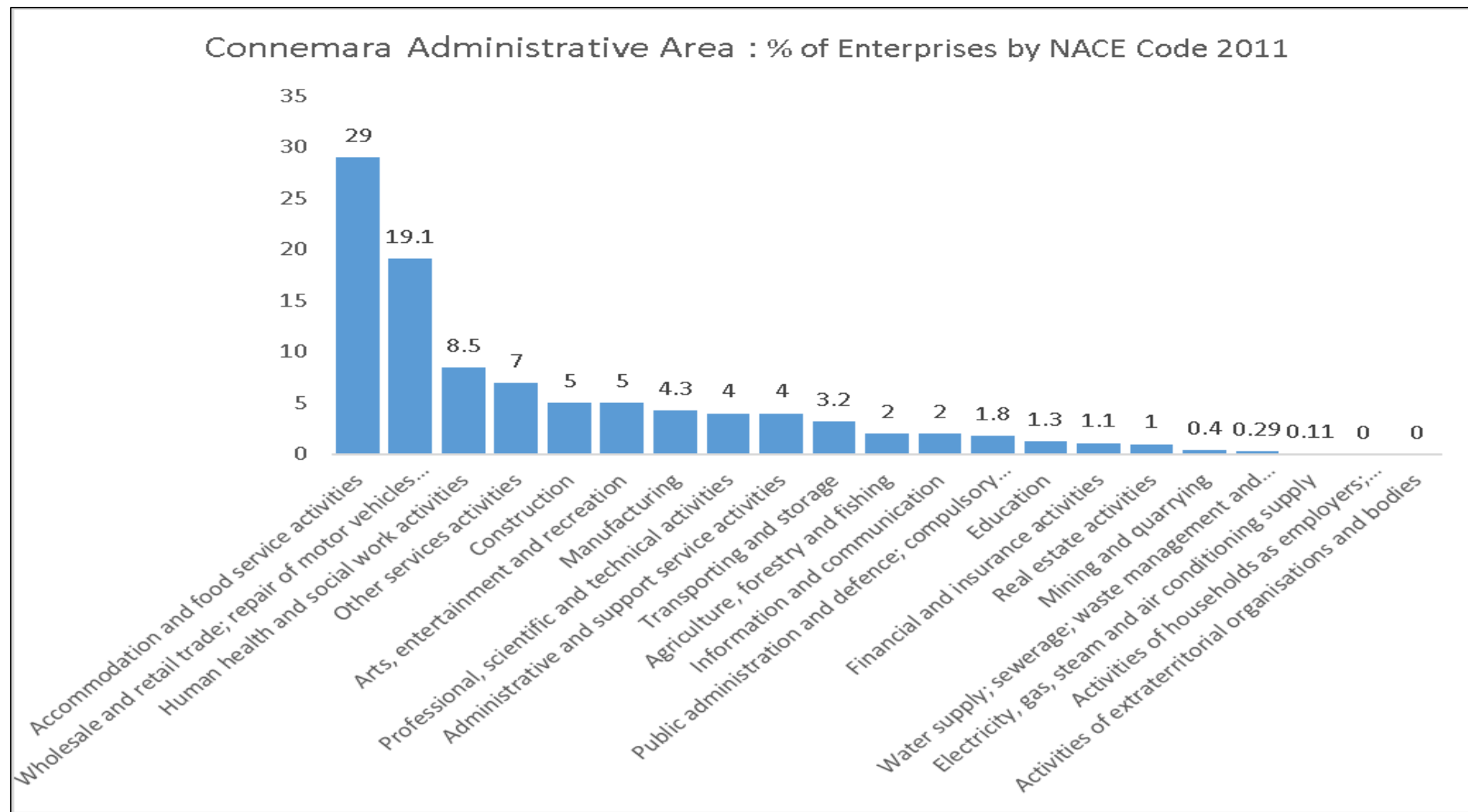
Maritime to 500 km out

- Wrecks
- Sea Life
- Aircraft Crashes
- Lifeboat / Air sea Rescues

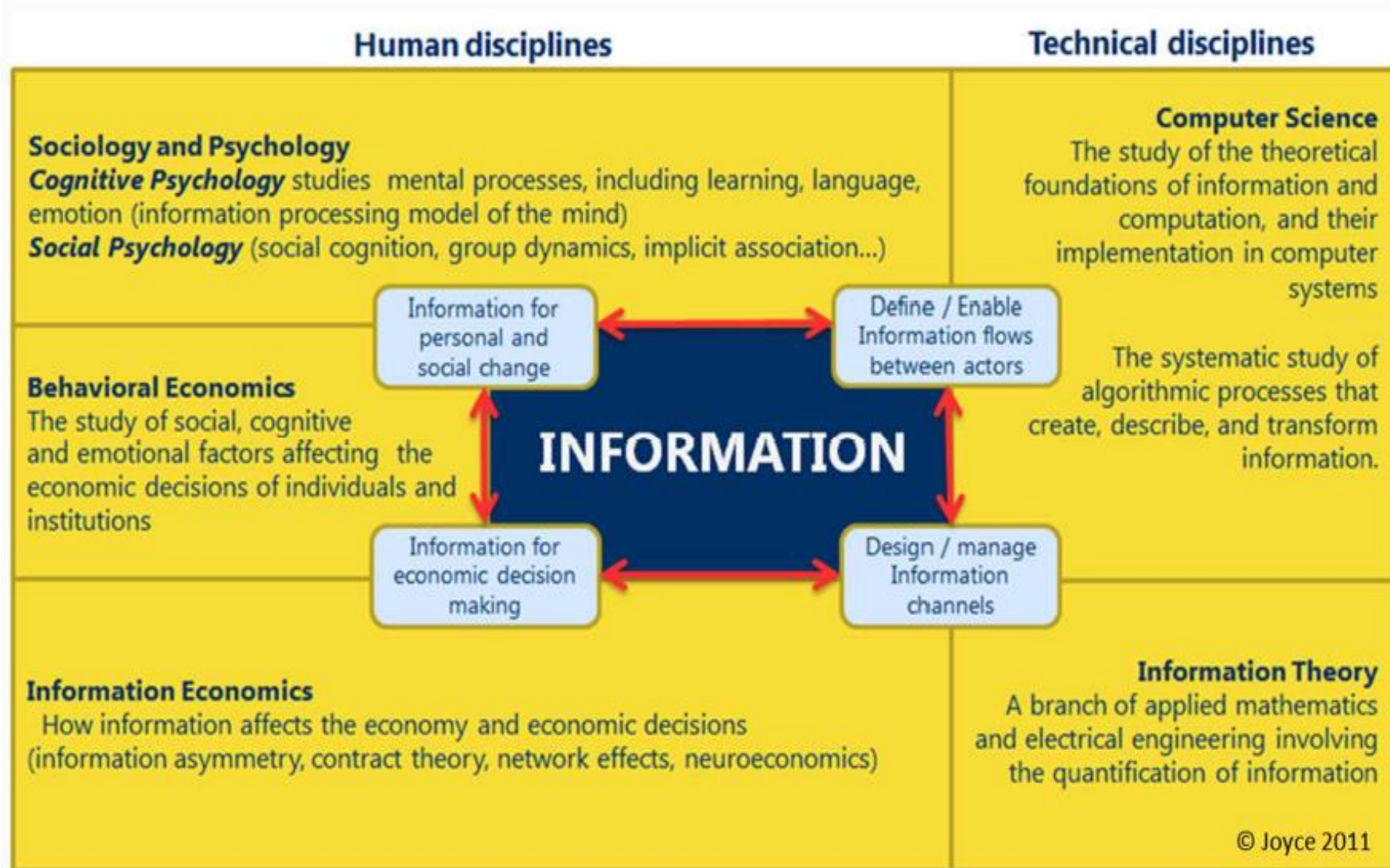
Some of Co Mayo

- Economic Hinterland
- Cultural Hinterland
- Locally considered Connemara

Connemara Business Profile

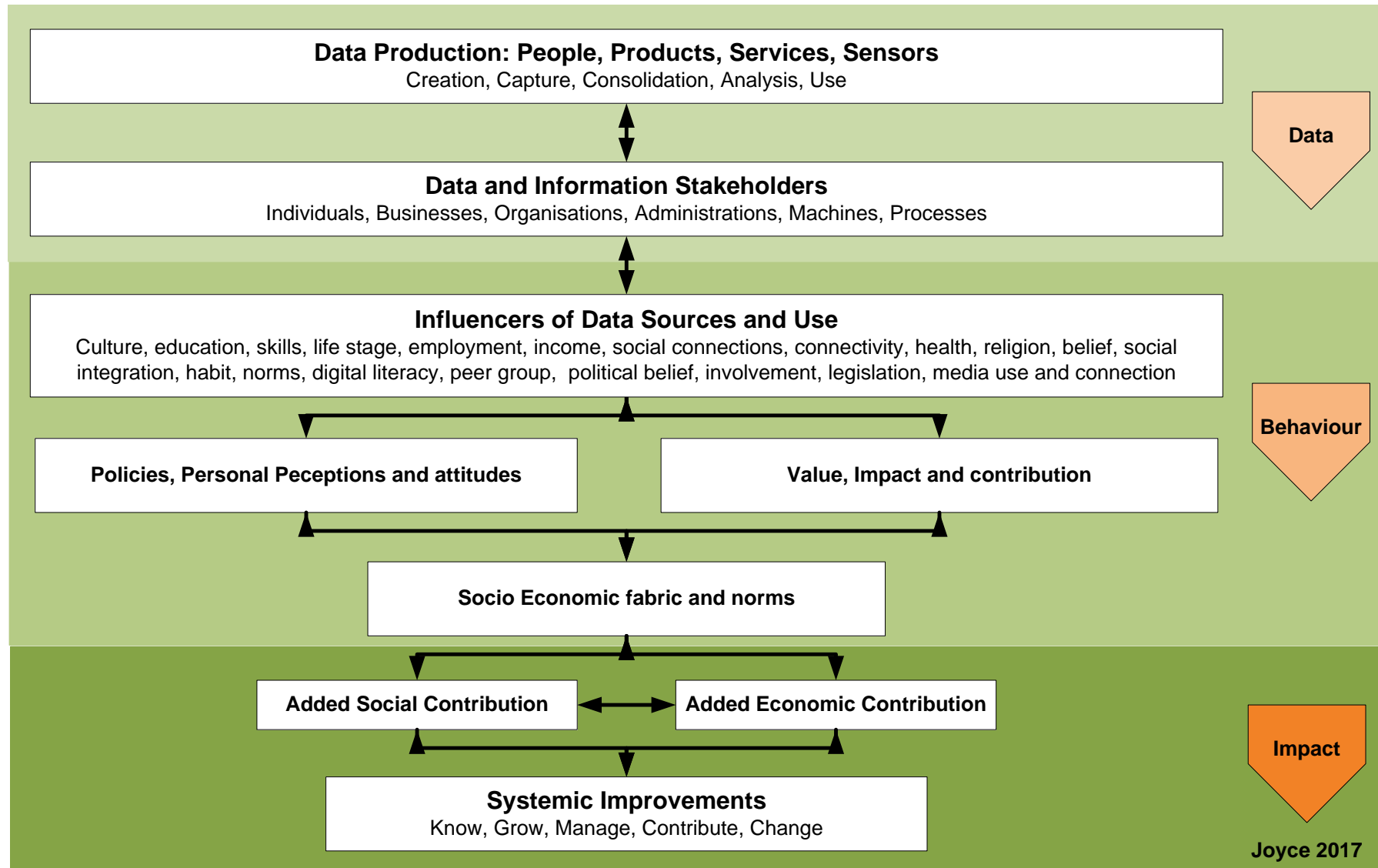


Data and Information Dynamics



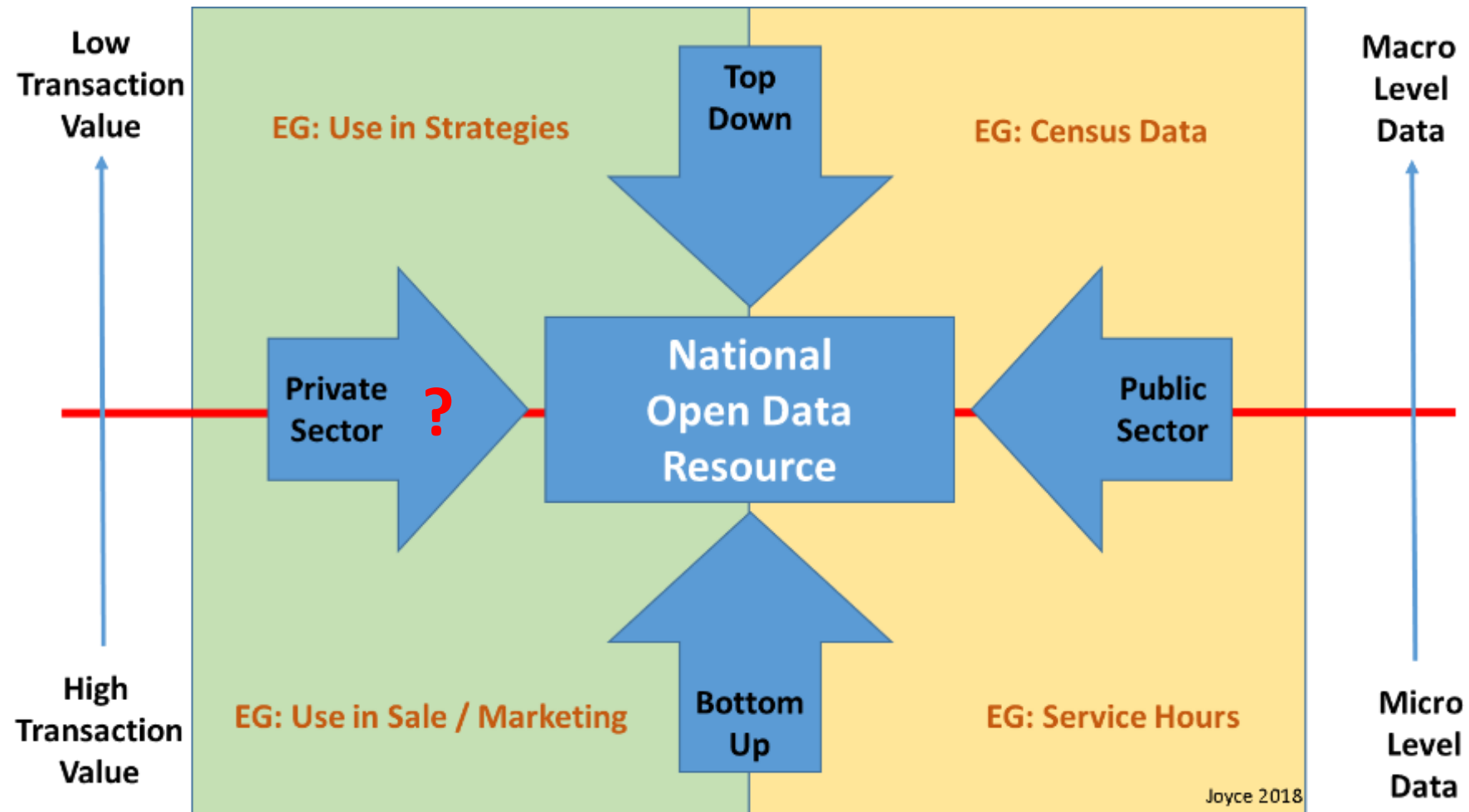
Data is created and processed through the interactions of human and technical disciplines and tools to produce information

Data and Information in Society



**How Data is formed
and used to create
Value in and for Society**

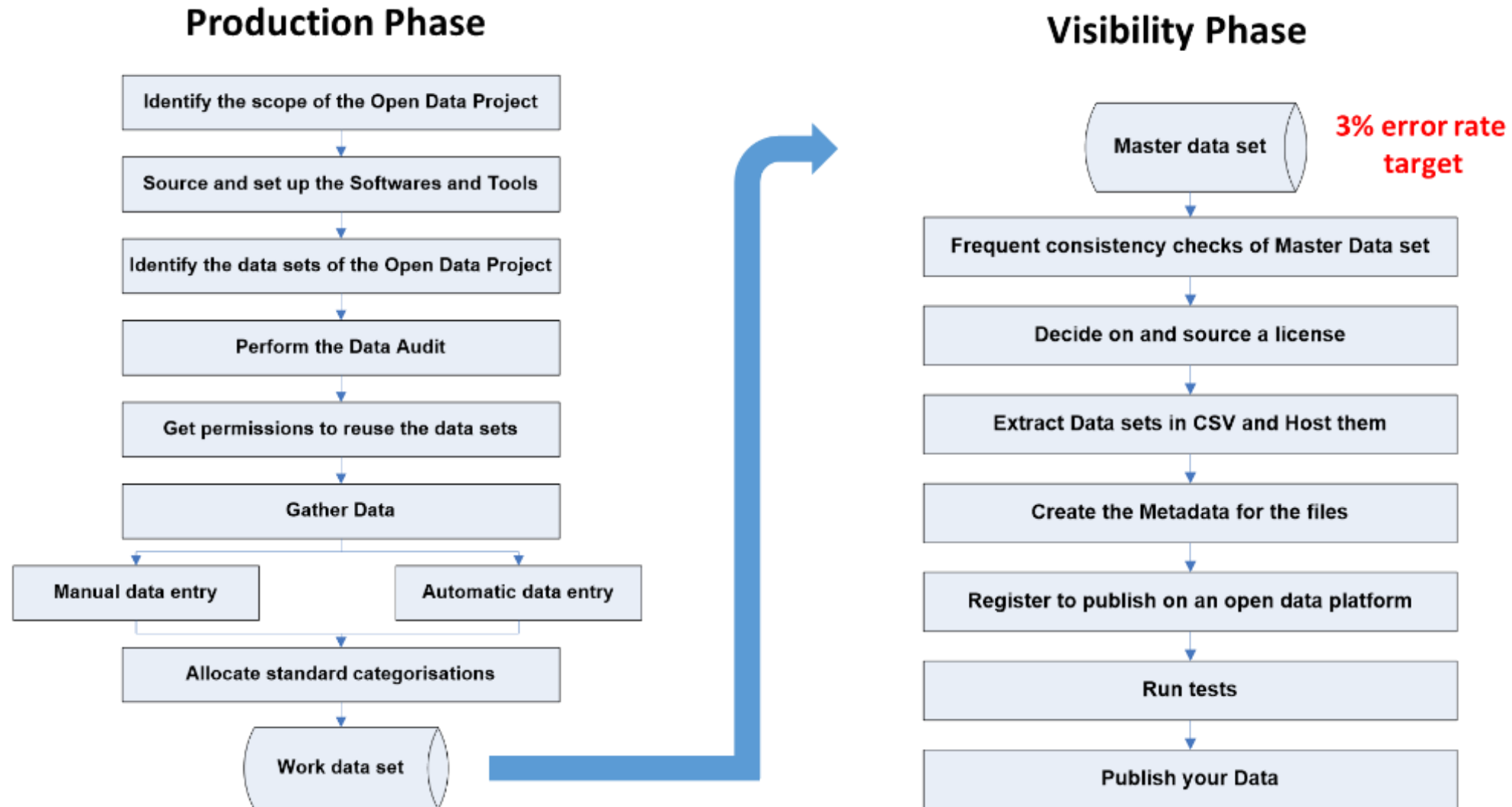
Open Data: Micro, Macro and Value



Everything relies on micro level data being clean, current, comprehensive and accessible

C³A

Data Management: Our Process



Tools and Software used

Tool	Purpose
Chrome Browser	Access the internet
Google search	Locate likely data sets and information
Gmail	Communicate with data set owners and contributors
Google Forms	Contributions from individuals
Google Maps	Locate items of interest and Provide latitude and Longitude
Google Street view	Provide a visual support for some data records
Google Cloud	Data storage and back ups
Google MyMaps	Creation and access to online maps from excel data sets
Dragon Naturally Speaking	Voice to text to allow read text to be digitised in machine readable form
Smallpdf.com	Convert PDFs to Excel
Survey Monkey	Run surveys to create data sets
File Maker Pro 12	Hold and manage the master database, create CSV and .XLSX files
Serif Web Plus V8	Web site creation and management
Coffee Cup	Web site editing
Smart FTP	Manage the upload of data to the servers
Mail Chimp	Communication and distribution of information to stakeholders
Microsoft Word	To run spelling and grammar checks on data sets
Microsoft Excel	Capture and manipulate data sets outside the master data base.
Microsoft Visio	Create flow diagrams
Microsoft PowerPoint	Presentation creation and graphics creation
Caesium	Compression of Photos and Graphics
Serif Photoplus X8	Manage bulk renaming and resizing of photos
Paint.Net	Photo manipulation
Adobe Bridge CC 2017	Graphics Management
Agent Ransack	File finder on PC
Flipping book	E-book creation for manuals and guides

Software characteristics

Market Standard

Off the shelf

Many are free

Equipment Types

Mobile Phone

Digital Camera (16Mp)

Chromebook

Personal Computer

Internet Connection

- Fixed
- 4 G
- WiFi

Macro Data use

Main Category	Sub Category	Name	Place	County	Country	Latitude	Longitude	Historical Period	Historical Date	Data
Census 2016 % Pc	Population Male A	Population Male Age 0 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	0.027183162
Census 2016 % Pc	Population Male A	Population Male Age 1 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.023104957
Census 2016 % Pc	Population Male A	Population Male Age 2 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.083749122
Census 2016 % Pc	Population Male A	Population Male Age 3 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.127976189
Census 2016 % Pc	Population Male A	Population Male Age 4 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.208334629
Census 2016 % Pc	Population Male A	Population Male Age 5 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.11321706
Census 2016 % Pc	Population Male A	Population Male Age 6 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.200430993
Census 2016 % Pc	Population Male A	Population Male Age 7 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.201954669
Census 2016 % Pc	Population Male A	Population Male Age 8 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.190981351
Census 2016 % Pc	Population Male A	Population Male Age 9 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.200261264
Census 2016 % Pc	Population Male A	Population Male Age 10 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.243701334
Census 2016 % Pc	Population Male A	Population Male Age 11 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.255284478
Census 2016 % Pc	Population Male A	Population Male Age 12 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.176733189
Census 2016 % Pc	Population Male A	Population Male Age 13 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.192279317
Census 2016 % Pc	Population Male A	Population Male Age 14 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.138078536
Census 2016 % Pc	Population Male A	Population Male Age 15 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.236329213
Census 2016 % Pc	Population Male A	Population Male Age 16 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.222286212
Census 2016 % Pc	Population Male A	Population Male Age 17 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.266832189
Census 2016 % Pc	Population Male A	Population Male Age 18 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.013584446
Census 2016 % Pc	Population Male A	Population Male Age 19 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	0.471581673
Census 2016 % Pc	Population Male A	Population Male Age 20-24 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	2.968331466
Census 2016 % Pc	Population Male A	Population Male Age 25-29 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	2.567733023
Census 2016 % Pc	Population Male A	Population Male Age 30-34 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	2.030667261
Census 2016 % Pc	Population Male A	Population Male Age 35-39 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	1.05173371
Census 2016 % Pc	Population Male A	Population Male Age 40-44 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.51804443
Census 2016 % Pc	Population Male A	Population Male Age 45-49 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.897511225
Census 2016 % Pc	Population Male A	Population Male Age 50-54 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.877742753
Census 2016 % Pc	Population Male A	Population Male Age 55-59 Galway West V Galway City 2016 % point difference	Galway west Constituency	Galway	Ireland			2000 - 2020	2016	-0.870683881

Census data used for Comparisons: 805 data points per set

(eg: Galway west constituency V Galway City)

Micro Data use

Categories		Local Name	Geo Text			Geo Location		History Dates		Descriptive text
Main Category	Sub Category	name	Town	County	Country	latitude	longitude	Historical Period	Historical Date	Data
Architecture	Bridge	Ardbear Bridge (Salt Lake)	Clifden	Galway	Ireland	53.473688	-10.019307	1800 - 1900	1820	The Salt Lake Ardbear Bridge is located on the Ballyconneely Road,
Architecture	Bridge	Ardbear New Bridge	Clifden	Galway	Ireland	53.486437	-10.020172	1800 - 1900	1819	The Ardbear new bridge is located on the Ballyconneely Road - besi
Architecture	Bridge	Ardbear Old Bridge (Dooneen)	Clifden	Galway	Ireland	53.486611	-10.018908	1700 - 1800	1789	The Ardbear old bridge (also called Dooneen bridge) is located on
Architecture	Bridge	Ballinaboy Bridge	Clifden	Galway	Ireland	53.46401	-10.017868	1800 - 1900	1820	Ballinaboy Bridge is located on the Ballyconneely Road, a 6 minute
Architecture	Bridge	Footbridge - Ballyconneely Road	Clifden	Galway	Ireland	53.48648627	-10.0200548	1900 - 2000		Designed and built for pedestrian access around the existing road
Architecture	Bridge	Waterloo Bridge (new)	Clifden	Galway	Ireland	53.48759704	-9.99485278	1900 - 2000		The new bridge was opened in 1988.
Architecture	Bridge	Waterloo Bridge (old)	Clifden	Galway	Ireland	53.48770556	-9.99376917	1700 - 1800		This bridge was built in the mid 1800s. It crosses the Owenglin river
Architecture	Building	Central Building Clifden	Clifden	Galway	Ireland	53.488611	-10.022059	1800 - 1900	1880	Presently a public house. The Central House is located on Main Str
Architecture	Building	Clifden Pier Grain Store	Clifden	Galway	Ireland	53.487525	-10.028146	1800 - 1900	1880	Former grain and goods store - now derelict.
Architecture	Building	Faul Baliff Hut	Clifden	Galway	Ireland	53.4815577	-10.0442108	1800 - 1900		This Bailiff hut, now derelict, sits on a low hill above the Faul Midc
Architecture	Building	Kirk Building	Clifden	Galway	Ireland	53.48801516	-10.0247594	1800 - 1900		Built circa 1860. The 'Kirk' is a former Methodist Church, school ar
Architecture	Building	Old Grain Store Clifden Quay	Clifden	Galway	Ireland	53.48596154	-10.0296411	1800 - 1900	1829	The building is private property and in a state of disrepair at prese
Architecture	Castle	Clifden Castle	Clifden	Galway	Ireland	53.492287	-10.058172	1800 - 1900	1815	The castle is located on private property and permission must be o
Architecture	Church	Catholic Church Kingstown CLIFDEN	Clifden	Galway	Ireland	53.510722	-10.100941			Mass Times: Sunday Mass 12.00: Church Kingstown Church is loca
Architecture	Church	Christ Church Church of Ireland CLIFD	Clifden	Galway	Ireland	53.488926	-10.024501	1800 - 1900	1853	Service Times: 11.30: Christ Church is located up Church Hill, a 2 m
Architecture	Church	Holy Trinity Church of Ireland Errislar	Clifden	Galway	Ireland	53.477039	-10.060142	1800 - 1900	1860	Service Times: Sunday evening service 19.00 (July and August only).
Architecture	Church	Kingdom Hall Of Jehovahs Witnesses	Clifden	Galway	Ireland	53.488106	-10.019828			Meeting times: Tuesday - 19.00. Sunday - 10.30. The Kingdom Hall c
Architecture	Church	Saint Josephs Catholic Church CLIFDEN	Clifden	Galway	Ireland	53.489655	-10.019411	1800 - 1900	1875	Mass Times: Saturday - 19.00. Sunday - 11.30. Saint. Joseph's Chur
Architecture	Coast Guard St	The Old Coastguard Station Clifden	Clifden	Galway	Ireland	53.493358	-10.065731	1800 - 1900	1875	The buildings are presently used for self-catering. The Clifden Coas
Architecture	Country House	Ardbear Cottage Gate Lodge	Clifden	Galway	Ireland	53.477208	-10.020093	1800 - 1900	1840	This is a private residence. The lodge is located on the Ballyconnee
Architecture	Country House	Ardbear House	Clifden	Galway	Ireland	53.47843085	-10.0213287	1800 - 1900	1840	The original house (demolished in the mid 1970 s) is now the locat
Architecture	Country House	Ardbear Lodge	Clifden	Galway	Ireland	53.478856	-10.026196	1800 - 1900	1826	Private house with a walled gardenThis lodge stands across from t
Architecture	Country House	Clifden Castle Gates	Clifden	Galway	Ireland	53.491925	-10.049285	1800 - 1900	1815	This is a private residence. This is on private land. Pease ask permi
Architecture	Country House	Drimmeen House, Errislannan	Clifden	Galway	Ireland	53.484359	-10.087931	1800 - 1900	1865	This is a private residence. Drimmeen House is located at Boat Har
Architecture	Country House	Gleann Aoi bheann House	Clifden	Galway	Ireland	53.486274	-10.044522	1800 - 1900	1820	This is a private residence. Gardens open in summer by appointme
Architecture	Country House	Malmore House, Ardbear Clifden	Clifden	Galway	Ireland	53.482813	-10.029266	1700 - 1800	1792	Detached L-plan single-storey house, built c.1792. It is now a guest
Architecture	Country House	Manor, Errislannan, Clifden	Clifden	Galway	Ireland	53.480876	-10.069531	1800 - 1900	1839	Detached house, built 1839. This picturesque former hunting lodge

**Focus on highly accurate geolocation for mapping, extensive descriptive text,
standard categories, localised names
(EG: Clifden = 2181 data points)**

Graphics use

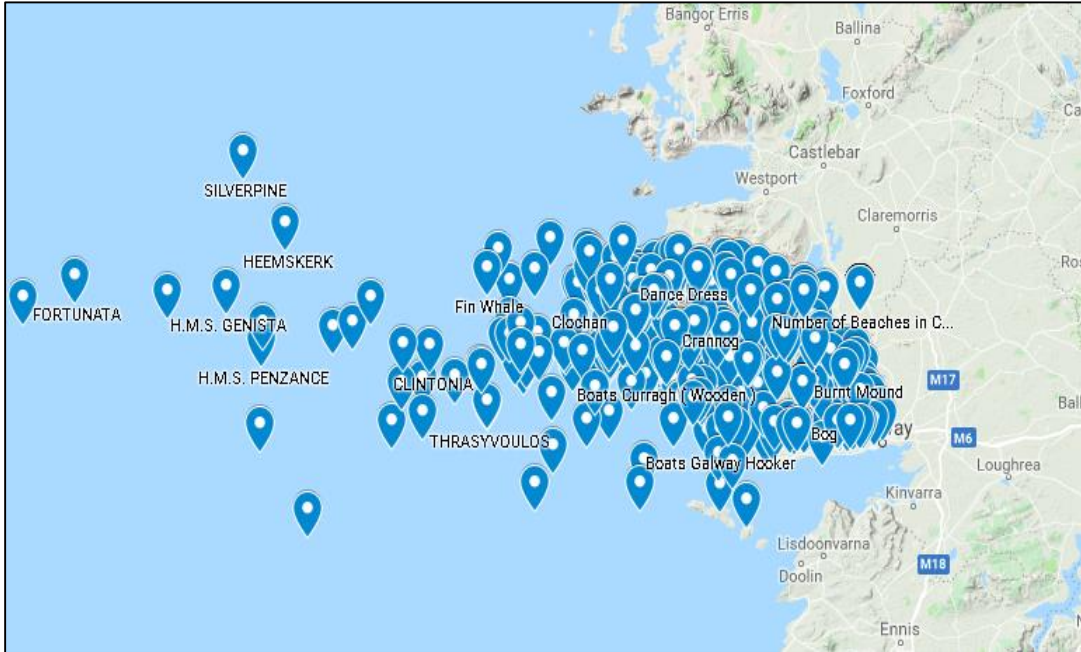
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..			File folder		
! Clifden and ardbear bays.jpg	23,364	14,993	paint.net Image	08/01/2015 00:58	B5674D10
! Clifden and ardbear bays2.jpg	19,964	11,031	paint.net Image	08/01/2015 01:01	6DA14981
! clifden bay 1.jpg	33,646	31,705	paint.net Image	08/01/2015 00:50	D819D4FC
! Clifden Quay 1.jpg	37,517	36,478	paint.net Image	08/01/2015 01:12	DC820EA1
! White lady clifden bay.jpg	33,508	31,567	paint.net Image	08/01/2015 00:49	F19861CF
1 after Derrigimlagh pier.jpg	31,312	30,210	paint.net Image	09/09/2016 14:26	5417AD1C
2 barnapier_compressed.jpg	24,633	24,361	paint.net Image	11/09/2016 12:36	0A9AEF9D
2 claddaghduffpier_compressed.jpg	18,378	17,978	paint.net Image	11/09/2016 13:35	2957FD50
3 cashelpier_compressed.jpg	21,246	20,715	paint.net Image	11/09/2016 13:28	0F026B57
3 oirrpier_compressed.jpg	47,651	47,378	paint.net Image	11/09/2016 15:59	5597663D
4 barnapier_compressed.jpg	22,112	21,879	paint.net Image	11/09/2016 12:37	80FCE65B
4 carnapiert_compressed.jpg	25,106	24,000	paint.net Image	11/09/2016 13:10	5FE59B37
4 carraroepier_compressed.jpg	23,545	23,335	paint.net Image	11/09/2016 13:20	296D98D6
4 clegganpier_compressed.jpg	17,666	17,128	paint.net Image	11/09/2016 13:43	B8FAE689
5 clegganpier_compressed.jpg	19,916	18,302	paint.net Image	11/09/2016 13:43	4CC0B729
5 costelloepier_compressed.jpg	22,244	22,052	paint.net Image	11/09/2016 14:35	125AF949
5 glinskipier_compressed.jpg	19,742	19,452	paint.net Image	11/09/2016 15:28	B5C52B22
6 costelloepier_compressed.jpg	20,383	20,099	paint.net Image	11/09/2016 14:39	E759B9C0
6 gorurnapier_compressed (2).jpg	20,240	20,017	paint.net Image	11/09/2016 15:37	AC0A3683
7 gorurnapier_compressed.jpg	23,468	23,138	paint.net Image	11/09/2016 15:41	8477C481
8 inishmoreeerraghlighthouse_compressed.jpg	7,791	7,634	paint.net Image	11/09/2016 16:41	DFE895DB
9 clifdenpier_compressed.jpg	20,464	20,257	paint.net Image	11/09/2016 13:54	25EDB807
9 clifdenpier_compressed_sa00ihn5_clifden.jpg	19,159	19,000	paint.net Image	13/10/2016 12:43	6835256C
aer aran scenicflight7-1024x686.jpg	140,636	140,334	paint.net Image	02/05/2016 11:25	AF1C90E8
Aillebrack Quay.jpg	15,554	15,412	paint.net Image	10/01/2015 17:06	E784C2C3



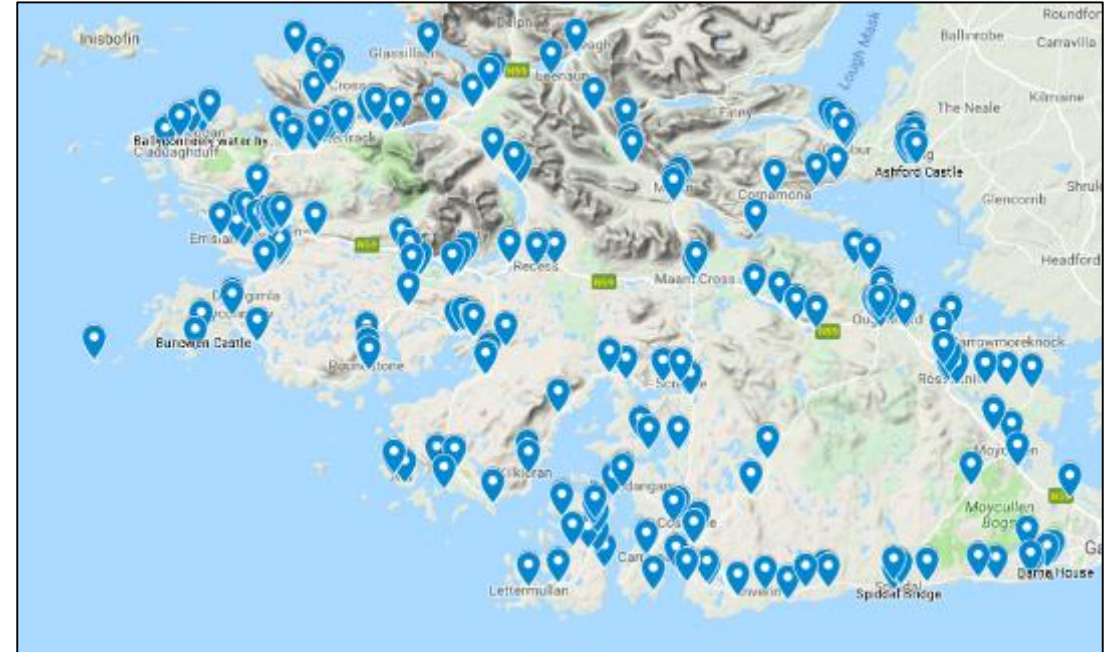
Over 6000 new photos of categorised, named, standard format, Compressed
Town and subject area Zipped files
(EG: Maritime buildings = 150 photos)

Data Density

Top Category only: Too Much Data



Top Category + Heritage sub cat: Comprehensible



Rule of Thumb: For any Town / Subject area a data density of 35 – 50 records on a map makes it visually “Rich”

Data Value: Raw > Relevant > Refined

Main Category	Sub Category	Name	Town	County	Country	Latitude	Longitude	Historical Period	Historical Date	Notes
Architecture	Castle	Aghalard Castle Cong	Cong	Galway	Ireland	53.5470181	-8.38809029	1600 - 1700		Ancient stone - but pie
Architecture	County House	Ashford Gate Lodge	Cong	Galway	Ireland	53.5267455	-8.28626541	1800 - 2000	1804	The Ashford Gate Lodge
Architecture	Bridge	Church Street Bridge	Cong	Galway	Ireland	53.5386993	-8.28626541	1800 - 1800	1850	The Church Street Bridge
Architecture	Canal	Cong Canal	Cong	Galway	Ireland	53.54209003	-8.284209003	1800 - 1800		The Cong Canal was built
Architecture	Building	Former Courthouse (Cong)	Cong	Galway	Ireland	53.54874567	-8.28626541	1800 - 1800	1853	Cong Tourism Office of
Architecture	Pier	Lislagally Pier	Cong	Galway	Ireland	53.52627764	-8.275344849	1800 - 1800		Lislagally Pier is a 5 m
Architecture	Building	Monks Fishing Hut	Cong	Galway	Ireland	53.5386993	-8.28626541	Early Christian		The Monks Fishing Hut
Architecture	Building	Old Forge Cong	Cong	Galway	Ireland	53.54209003	-8.284209003	1800 - 1800	1850	This house is built in the
Architecture	Building	Old Rectory	Cong	Galway	Ireland	53.5386993	-8.28626541	Early Christian		The Old Rectory is now
Architecture	Monument	Order of the Veil Memorial	Cong	Galway	Ireland	53.5402544	-8.280779507	1800 - 2000		Erected: March 2005, by
Architecture	Monument	The Queen Mary Statue	Cong	Galway	Ireland	53.5486993	-8.28626541	2000 - 2000	2015	The statue was erected
Community	Town	Ashford Cong	Cong	Galway	Ireland	53.54209003	-8.284209003	2000 - 2000		Cong (Irish Cong), from
Community	Religious	St. Mary's and St. John's Church	Cong	Galway	Ireland	53.54209003	-8.284209003			The St. Mary's and St. John's
Community	Town Hall	Community Centre CONG	Cong	Galway	Ireland	53.54209003	-8.27485528			The Crossroads Centre
Community	Religious Services	Cong Mass Search and Rescue Service CONG	Cong	Galway	Ireland	53.5402544	-8.280779507			The D-Lister Mearns and
Community	Religious	Deliberator Main Street CONG	Cong	Galway	Ireland	53.54209003	-8.28626541			The Deliberator is located
Community	Garden	Forest Restoration Area CONG	Cong	Galway	Ireland	53.5386993	-8.28626541			The Cong and Crossroads
Community	Police	Garra Station CONG	Cong	Galway	Ireland	53.5486993	-8.28626541			The Garra (Police) Station
Community	Parking	Parking Free Ballinacree Road CONG	Cong	Galway	Ireland	53.5402544	-8.280779507			This parking facility (free
Community	Parking	Parking St. Mary's Church Cong	Cong	Galway	Ireland	53.5386993	-8.28626541			This parking lot is located
Community	Garden	Pigeon Hole Woods CONG	Cong	Galway	Ireland	53.54209003	-8.284209003			The Pigeon Hole Woods
Community	Post Office Services	Post Office CONG	Cong	Galway	Ireland	53.5486993	-8.28626541			Latest Time of Postings
Community	Post Office Services	Post Office CONG	Cong	Galway	Ireland	53.5486993	-8.28626541			Cong Post Office is now
Community	Public Toilets	Public Toilets CONG	Cong	Galway	Ireland	53.5486993	-8.28626541			Cong Public Toilets are
Community	Public Toilets	Public Toilets Lislagally Pier CONG	Cong	Galway	Ireland	53.5486993	-8.28626541			Lislagally Pier Public
Community	Tourist Information Office	Tourist Information Office CONG	Cong	Galway	Ireland	53.5486993	-8.28626541			Cong Tourist Information
Community	Tourist Information Office	Tourist Information Office CONG	Cong	Galway	Ireland	53.5486993	-8.28626541			Cong Tourism provided
Culture	Local Festivals	Cong Festival	Cong	Galway	Ireland	53.5486993	-8.28626541	2000 - 2000	2015	The annual Cong Festival
Culture	Film	The Queen Mary Film	Cong	Galway	Ireland	53.54209003	-8.284209003	1800 - 2000	1952	Most of the film is based
Demographics	Population change 2011	Cong Population change 2011 - 2016 %	Cong	Galway	Ireland	53.54209003	-8.284209003	2000 - 2000	2016	2016 %
Demographics	Population change 2011	Cong Population change 2011 - 2016 real	Cong	Galway	Ireland	53.54209003	-8.284209003	2000 - 2000	2016	2016 %
Demographics	See Ratio: Men to women	Cong See Ratio: Men to women 2016	Cong	Galway	Ireland	53.54209003	-8.284209003	2000 - 2000	2016	2016 %
History	Early Christian	Cong Abbey CONG	Cong	Galway	Ireland	53.5486993	-8.28626541			Cong Abbey is in the
History	Early Christian	Cross of Cong CONG	Cong	Galway	Ireland	53.54209003	-8.284209003			The Cross of Cong is in
History	Early Christian	Market Cross CONG	Cong	Galway	Ireland	53.5486993	-8.28626541			The Market Cross is in
Religion	Church	Cong Catholic Church CONG	Cong	Galway	Ireland	53.5486993	-8.28626541			Mass Times: Sunday 10
Religion	Holy Well	Holy Well Saint Feichin's Cong (Tobar Feichin) CONG	Cong	Galway	Ireland	53.5486993	-8.28626541	Early Christian		Saint Feichin's Well Cong

Raw
Un processed
(input)

Real savings to business:
Search and Integration costs

Relevant
Processed for
General Use
Map of Cong



Real savings to business:
Single standard resource

Category	Name	Period	Date	Information
Architecture	Ashford Gate Lodge	1800 - 1900	1904	The Ashford Gate Lodge is located 150 metres south of Saint Mary's Catholic Church. This bridge crosses a side stream of the river which was to the west of the main Cong River. It connects Ashford Castle and Saint Mary's Church of Ireland to Cong village.
Architecture	Church Street Bridge	1800 - 1900	1850	The Church Street Bridge is located 150 metres south of Saint Mary's Catholic Church. This bridge crosses a side stream of the river which was to the west of the main Cong River. It connects Ashford Castle and Saint Mary's Church of Ireland to Cong village.
Architecture	Former Courthouse (Cong)	1800 - 1900	1853	Cong Tourism Office currently occupies the Old Courthouse. A cottage-like courtyard or petty sessions house representing an important component of the old nineteenth-century built heritage of Cong - dated 1851, around 1896. A detached three bay single-story courtyard or petty sessions house, dated 1851, around 1896, on a T-shaped plan centred on single-bay single-story no gabled projecting porch. In use, 1911. "Restored" to accommodate alternative use.
Architecture	Ashford Gate Lodge	1900 - 2000	1904	The Ashford Gate Lodge is located on Church Street, beside Saint Mary's Catholic Church. It is a detached three bay single-story house with half-timbered attic, around 1902, on a symmetrical plan. Pitched slate roof incorporating gables no window openings to half-timbered attic with clay ridge tiles centred on red brick. The house retains some additional interest as the setting for the home of Reverend and Mrs. Rayner in "The Queen Mary" (1912, by John Ford).
Architecture	Monks Fishing Hut	Early Christian		The Monks Fishing Hut is located at the rear of Cong Abbey ruins. This ingenious structure was built sometime between 1400 and 1550 on a platform over the river Cong. A small arched opening allows the river to flow underneath the floor of the building and a trapdoor allowed the monks to drop a net to catch fish.

Refined
Processed for
Specific Use
(Conference Brochure)

Real savings to business:
40% + of brochure cost is content

Data Use: Promotion and Information

www.connemaraprogramme.com/cong

Category	Name	Period	Date	Information
About Cong	CONG			Cong (Irish: Conga, from Conga Reiclin meaning "Saint Feichlin's narrow") is a village straddling the borders of County Galway and County Mayo, in Ireland. Cong is situated on an island formed by a number of streams that surround it on all sides. Cong is located on the isthmus connecting Lough Corrib and Lough Mask, near the towns of Headford and Sallinsboro and the villages of Meale and Oress.
Bridge	Church Street Bridge	1800 - 1900	1850	The Church Street Bridge is located 150 metres south of Saint Mary's Catholic Church. The bridge crosses a side stream of the river which was to be the exit of the Mask and Corrib Water Canal (D445). It connects Ashford Castle and Saint Mary's Church of Ireland to Cong village.
Building	Former Courthouse (Cong)	1800 - 1900	1853	Cong Tourism Office currently occupies the Old Courthouse. A cottage-like courthouse or petty sessions house representing an important component of the mid nineteenth-century built heritage of Cong - dated 1853, extant 1894. A detached three-story single-story courthouse or petty sessions house, dated 1853, extant 1894, on a T-shaped plan centred on single bay single-story gabled projecting porch. In use, 1911. "Restored" to accommodate alternative use.
Building	Ashford Gate Lodge	1900 - 2000	1904	The Ashford Gate Lodge is located on Church Street, beside Saint Mary's Catholic Church. It is a detached three-story single-story house with half-dormer attic, extant 1904, on a symmetrical plan. Pitched slate roof incorporating gables to window openings to half-dormer attic with clay ridge tiles centred on red brick. The house contains some additional interest as the setting for the home of Reverend and Mrs. Playfair in "The Quiet Man" (1952, dir. John Ford).
Building	Monks Fishing Hut	Early Christian		The Monks Fishing Hut is located at the rear of Cong Abbey ruins. This ingenious structure was built sometime between 1400 and 1550 on a platform over the River Cong. A wall arched opening allows the river to flow underneath the floor of the building and a trapdoor allowed the monks to drop a net to catch fish.



Data Use: Business process support



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Calculators

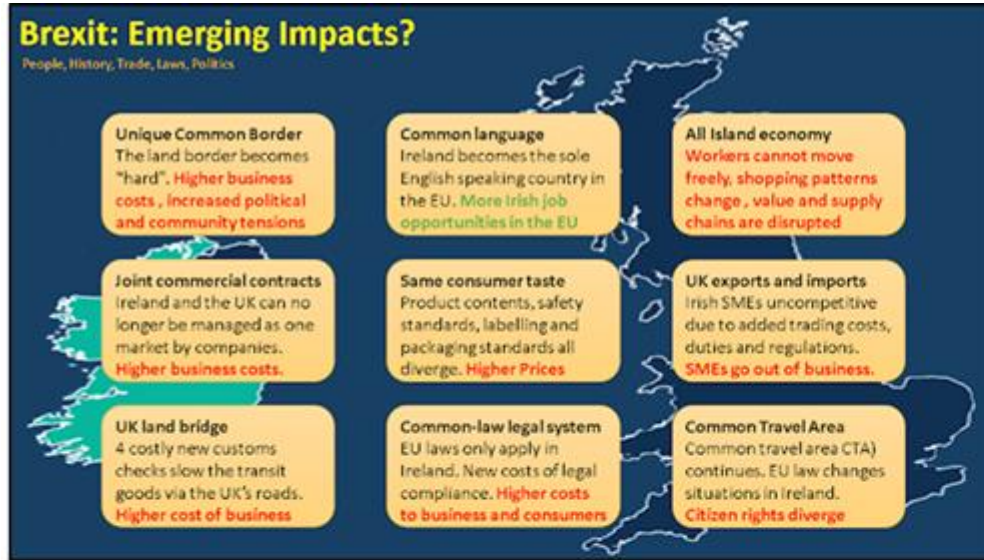
Understanding the operation of a business is critical to managing it successfully. The calculators below are designed to give businesses a list of simple, online calculators. These can help businesses to calculate and understand various aspects of their costs, activities and benefits gained. The answers they give are illustrative and should be checked before use in strategies or business plans.



Idea Mapping http://loggly.at	Lifetime value http://www.connemara.com/Tools-LTV.htm	Revenue at risk http://www.connemara.com/Tools-RAA.htm	Call Back Costs http://www.connemara.com/Tools-CallBackCosts.htm
Inflation Calculator http://www.calculatorweb.com/calculators/inflationcalc.shtml	Inventory Cost http://www.ultimatecalculators.co.uk/stock_inventory_cost_calculator.htm	Order Quantity http://www.ultimatecalculators.co.uk/economic_order_quantity_calculator.htm	Break Even http://www.ultimatecalculators.co.uk/business_calculators/break_even_calculator.htm
Cash Flow http://www.entrepreneur.com/calculators/cashflowcalculator.html	Discounted cash flow http://www.entrepreneur.com/calculators/discountedcashflow.html	Profit / Loss http://www.calculatorweb.com/calculators/profitlosscalc.shtml	Balance Sheet http://www.calculatorweb.com/calculators/balancesheetcalc.shtml
Marketing Calculator http://www.calculatorweb.com/calculators/marketingcalc.shtml	Direct Mail ROI http://www.ultimatecalculators.co.uk/business_calculators/direct_mail_roi_calculator.htm	Email Marketing ROI http://www.ultimatecalculators.co.uk/business_calculators/email_marketing_roi_calculator.htm	Pay-Per-Click ROI http://www.ultimatecalculators.co.uk/business_calculators/pay_per_click_roi_calculator.htm
Profit Calculator http://www.calculatorweb.com/calculators/profitcalc.shtml	Depreciation http://www.calculatorweb.com/calculators/depreciationcalc.shtml	Business Value http://www.calculatorweb.com/calculators/businessvaluecalc.shtml	Financial Statement http://www.ultimatecalculators.co.uk/business_calculators/financial_statement_analysis.html
Web Build Cost http://www.calculatorweb.com/calculators/webbuildcost.shtml	Web Site Value http://www.calculatorweb.com/calculators/webbuildcost.shtml	Carbon Footprint http://www.connemara.com/calculators/carbonfootprint.htm	Holiday Calculator http://www.connemara.com/calculators/holiday-pay-entitlement-calculator.htm

www.connemaraprogramme.com/connemara1000.pdf

Data Use: Brexit Information



If Ireland leaves the European Union	
Item	Impact
What to call it	Quite simply: Exit (Eireann xit)
The 252m principle applies	252m = Too small to matter. (Ireland = 2.6 % of total EU GDP). The EU would likely present a "take it or leave it" choice as Ireland is not big enough to waste the same energy being put into Brexit.
Loss of Support	All EU funded projects, grants and supports for agriculture etc would end
Loss of Investment	The IDA would find it increasingly difficult to attract foreign businesses
Loss of Foreign Jobs	Businesses using Ireland as a gateway to the EU market would relocate to a continental EU country. Huge loss of jobs
Loss of local Jobs	Businesses relying on EU markets or business would be under pressure and job losses or liquidations are highly likely
Loss of the Euro	Ireland would probably have to leave the Eurozone and reintroduce a national currency. (in 2017 The central bank issued 269 MILLION NOTES (€9.3 billion face value) and 58 MILLION COINS (€ 31 million face value). All ATMs, business software and any financial system would have to be changed) Huge cost
Loss of Discipline	EU economic rules and disciplines would lapse. Our politicians would have free, unfettered reign on managing the economy.
Exchange rate fees	Ireland saves over €70 million a year in exchange fees as a member of the EU
Cost of living	All products and services imported or exported to / from Ireland would have new tariffs and costs imposed. (Brexit is estimated to going to cost Irish households €850 to €1500 per annum)
Phone costs	A minimum increase in roaming costs would be 3.2 cents per minute for calls, 1 cent per SMS and EUR 7.70 per GB of data.
Profession Qualifications	Irish qualifications would no longer be valid in the EU
Certifications and safety	All certification processes now carried out by the EU or another member state on food, medicines or anything else would have to be carried out in Ireland (Ireland would have to create a complete new infrastructure)

www.connemaraprogramme.com/brexit

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68 EU Stakeholder Notes on a Hard Brexit

Searchable E-Book



EUROPEAN UNION

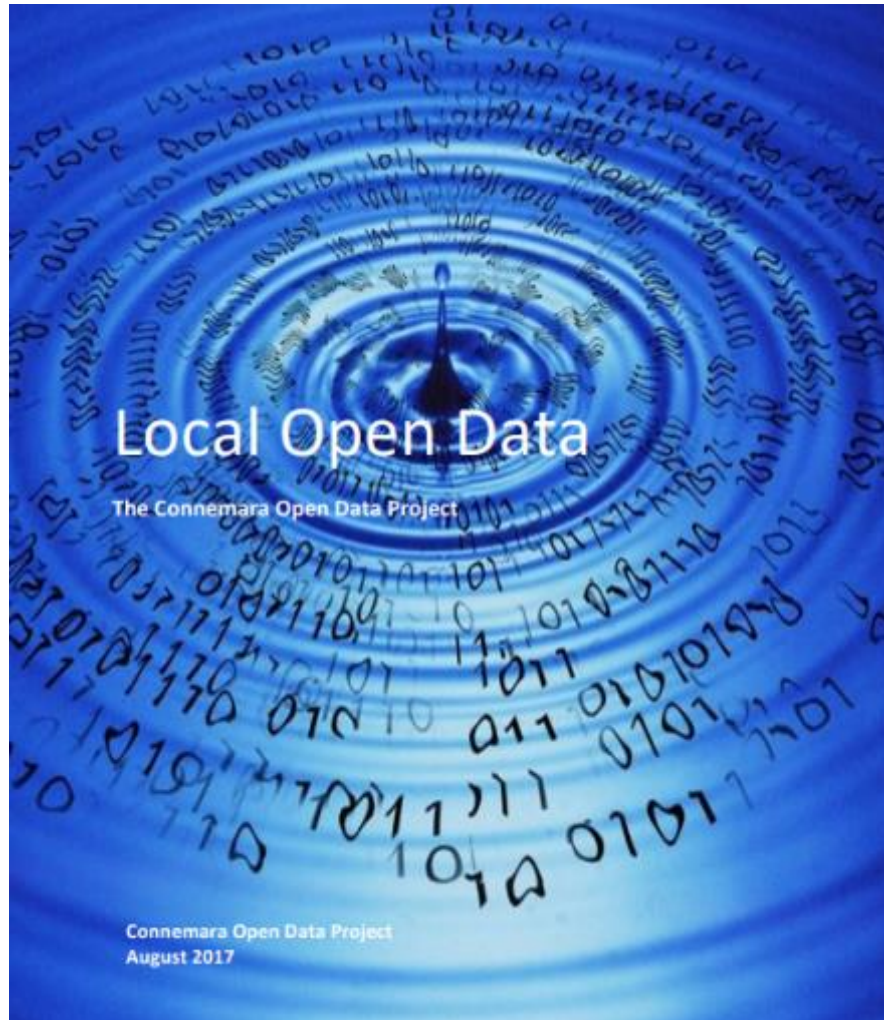
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Searchable E-Book



The Local Open Data Guide



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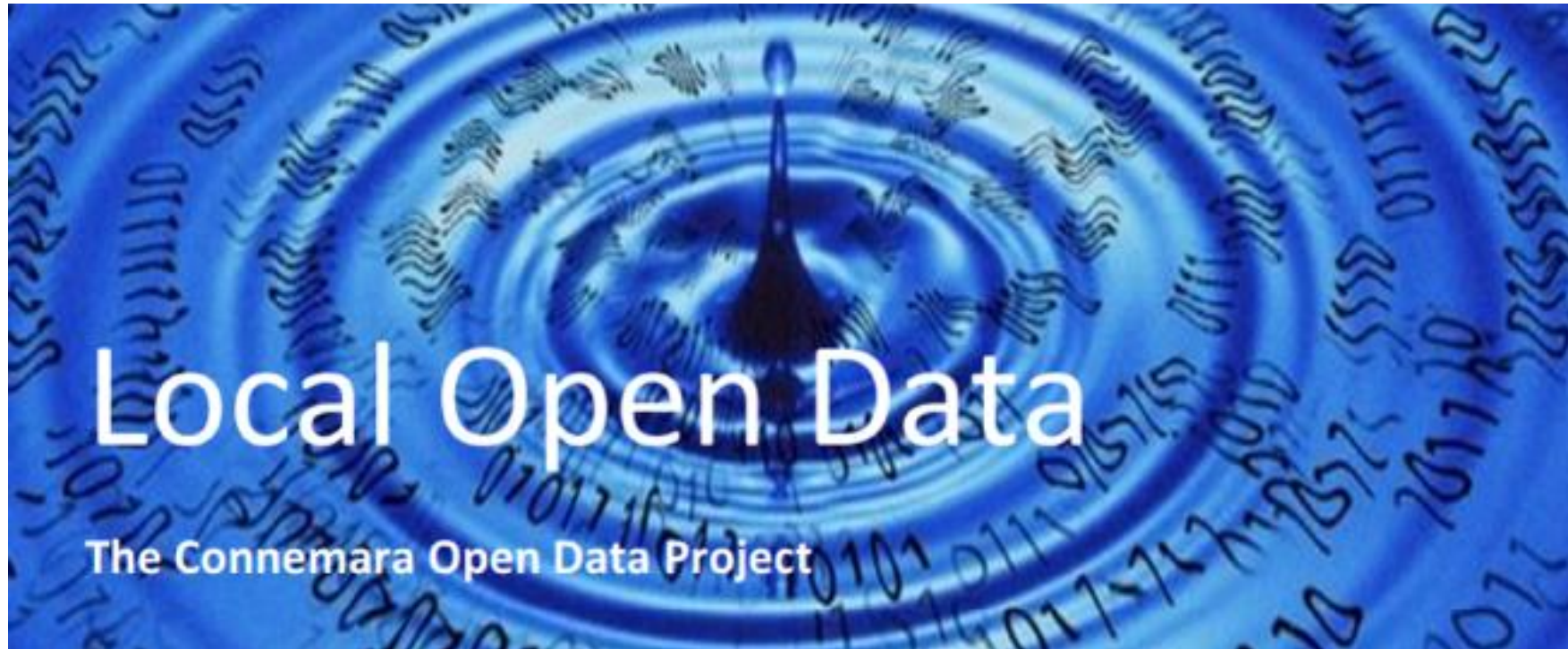
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www.connemaraprogramme.com/opendata/localopendataguide.pdf

The Future of Open Data

- **GDPR** compliance should be emphasised. It is a key enabler of safe, secure, trusted open data
- The relationship between public and **Private sector open** data should be clarified and formalised
- The “**Circular Open Data Economy**” model is useful for identifying value inputs and outcomes
- The use of **Block Chain** in the Open Data arena needs to be examined for value recognition and GDPR
- The issue of **Algorithmic decision making and Artificial Intelligence** must be carefully considered
- The arrival of **Quantum Computing** should be positioned for now
- Open Data management should be included in all second and third level **business and economics curricula**
- The open data portal should include more **scenario support data sets**

Thank You



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