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1. Boundaries

This group of layers shows the political and geographic areas within Leeds City Region.

1.1 Leeds City Region

The Leeds City Region is an economic agreement between the Barnsley, Bradford, Calderdale, Craven, Harrogate, Kirklees, Leeds, Selby, Wakefield and York.

To find out more please visit [The LEP](#) website.

This data was released in May 2017

1.2 West Yorkshire

West Yorkshire comprises of Bradford, Calderdale, Kirklees, Leeds and Wakefield.

This data was released in May 2017

1.3 Leeds City Region District Boundaries

The district boundaries of the ten districts of the Leeds City Region.

This data was released in May 2017

1.4 Council Wards

Council ward boundaries within Leeds City Region

This data was released in May 2017

1.5 Leeds City Region National Parks

Boundaries of National Parks within Leeds City Region.

To find out more about National Parks visit the [National Parks](#) website.

This data was released in May 2017

1.6 D2N2 Local Economic Partnership

D2N2 is the Local Enterprise Partnership for Derby, Derbyshire, Nottingham and Nottinghamshire.

To find out more visit the [D2N2 Website](#).

This data was released in May 2017

1.7 Greater Manchester Statutory City Region

Greater Manchester Statutory City Region consists of the districts of Bolton, Bury, Oldham, Manchester, Rochdale, Stockport, Salford, Tameside, Trafford and Wigan

To find out more about the region visit the [Greater Manchester Combined Authority](#) website

This data was released in May 2017

1.8 Lancashire Local Economic Partnership

The Lancashire Local Enterprise Partnership covers the areas of Blackburn with Darwen, Blackpool, Burnley, Chorley, Fylde, Hyndburn, Lancaster, Pendle, Preston, Ribble Valley, Rossendale, South Ribble, West Lancashire and Wyre.

To find out more visit the [Lancashire Enterprise Partnership website](#).

This data was released in May 2017

1.9 Sheffield City Region

The Sheffield City Region consists of the districts of Sheffield, Rotherham, Barnsley, and Doncaster. The councils of Bassetlaw, Chesterfield, North East Derbyshire, Derbyshire Dales and Bolsover are 'Non-constituent' members

The Sheffield City region is made up of three bodies the Mayoral Combined Authority, the Local Enterprise Partnership and the SCR Executive Team.

For more information visit the [Sheffield City Region website](#).

This data was released in May 2017

1.10 York, North Yorkshire and East Riding Local Economic Partnership

The York, North Yorkshire and East Riding enterprise partnership covers the districts of Richmondshire, Hambleton, Ryedale, Scarborough, Craven, Harrogate, York, Selby and East Riding.

For more information visit [York, North Yorkshire and East Riding Local Economic Partnership website](#)

This data was last released in May 2017

1.11 Main Town

The Main Town data shows the Main Urban areas within Leeds City Region.

This data was released in May 2017

2. Economic Context

This group of layers shows the economic picture for areas within Leeds City Region.

2.1 LCR LSOA IMD

The Indices of Deprivation 2015 provide a set of relative measures of deprivation for small areas (Lower-layer Super Output Areas*) across England, based on seven domains of deprivation. The domains were combined using the following weights to produce the overall Index of Multiple Deprivation (IMD): Income Deprivation (22.5%), Employment Deprivation (22.5%), Education, Skills and Training Deprivation (13.5%), Health Deprivation and Disability (13.5%), Crime (9.3%), Barriers to Housing and Services (9.3%), and Living Environment Deprivation (9.3%)

Data from September 2015.

To find out more about the Index of Multiple Deprivation please visit [this website](#).

2.2 Leeds City Region Population per Sq Km (Oct 2017)

This layer shows the population per Sq Km for areas within Leeds City Region. It was created from ONS mid-year population estimates, and is displayed at Lower Super Output Area (LSOA)

This data was released in October 2017

To find out more about mid-year population estimates please visit [this website](#)

2.3 Concentration of Small to Medium Enterprises (Jan 2018)

This Layer shows the concentration of Small to Medium enterprises at Middle super output area (MSOA). A small to medium enterprise is defined as a company with a turnover of less than £25 million and fewer than 250 Employees.

This data was created by West Yorkshire Combined Authority and was last updated in January 2018

3. Development

This group of layers shows the areas within Leeds City Region identified for various different types of development.

3.1 LCR Spatial Priority Area

This shows areas that have been identified in the Strategic Economic Plan has been areas for urban growth, housing development and economic development within Leeds City Region.

This data was created by West Yorkshire Combined Authority and was released September 2016

3.2 LCR Housing Pipeline

This layer is currently in development and will be added to the Infrastructure map in the future.

3.3 LCR Homes and Communities Agency Housing Zones

This shows housing development sites within Leeds City identified by the Homes and Communities Agency.

This data was released January 2016

3.4 Housing Site Allocations

Areas within Leeds City Region that have been allocated for housing development. Areas with and without planning consent are included within the data.

This data has been collated by West Yorkshire Combined Authority and comes from the Local Planning Authorities within the Leeds City Region. Last updated January 2018.

3.5 Employment Site Allocations

Areas within Leeds City Region that have been allocated for economic development. Areas with and without planning consent are included within the data.

This data has been collated by West Yorkshire Combined Authority and comes from the Local Planning Authorities within the Leeds City Region. Last updated January 2018.

3.6 Local Plan Housing Growth (Including Sites with Consent)

Hot spot analysis for the housing development locations based Local authority site allocations and emerging sites within Leeds City Region.

This data was created by West Yorkshire Combined Authority. It was last updated January 2018.

3.7 Local Plan Employment Growth (Including sites with consent)

Hot spot analysis for employment growth areas this is based on Sq M of floor space per KM Sq of the sites. These are for sites within Leeds City Region.

This data was created by West Yorkshire Combined Authority. It was last updated January 2018.

3.8 LCR Greenbelt DCLG 2016 17

Shows greenbelt areas within Leeds City Region. The data is from Department for Communities and local Government.

The data was released November 2017

3.9 LCR Existing Urban Area

This layer shows the areas urban areas within Leeds City Region from DEFRA's (Department for Environment, Food & Rural Affairs) Rural-Urban classification 2011 at Output Area Level.

For more information please follow the link to Gov.uk

The data was released in January 2011

3.10 LCR Existing Employment Density - Jobs per Sq Km

Current employment density within the Leeds City Region. The calculations are based on the number of jobs per Sq Km. the Heat map shows where the areas with the highest employment are located.

The data is from NOMIS labour market Statistics for more information follow the link to their [website](#). This data was released January 2016

4. Health and Education

This group of layers shows where Hospitals and Education centres are located within the Leeds City region.

4.1 Hospitals

Shows the location of Hospitals within Leeds City Region.

Data was released March 2015 by NHS Choices.

4.2 Education Establishments

Shows the location of education establishments across all levels within Leeds City Region.

Data Released by Gov.uk January 2018.

5. Flood Risk and Drainage

This group of layers shows the locations water courses, flood zones and flood defence schemes within Leeds City Region

5.1 LCR EA Scheme Programme

This shows the Environment Agency's construction, development and pipeline program for areas within Leeds City Region.

This data was released December 2017

5.2 EA Local Flood Alleviation Benefit Area

Identify areas within Leeds City Region that will be part of the Environment Agency's Flood Benefit areas. This is part of the Environment Agency's construction, development and pipeline program

This data was released December 2017

5.3 Main Rivers

Showing the main rivers within Leeds City Region. This dataset defines statutory watercourses designated by the Environment Agency as main rivers. 'Main rivers' are usually larger streams and rivers, but some of them are small watercourses of significance. The data was sourced from the Environment Agency and can be accessed [here](#).

This data was released May 2016.

5.4 Flood Defences (Oct 2015)

The Environment Agency's (EA) Spatial Flood defences layer is the only comprehensive and up-to-date dataset in England that shows flood defences currently owned, managed or inspected by the EA.

Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

A defence is any asset that provides flood defence or coastal protection functions. This includes both man-made and natural defences. Natural defences may include man-made elements to make them more effective or protect them from erosion.

Normally a number of assets will be used together to manage the risk in a particular area, working in combination within a risk management system.

This data was provided by the Environment Agency for more information please follow this link to their [website](#).

This data was released October 2015

5.5 Flood Storage Areas

The Flood Map for Planning (Rivers and Sea) includes several layers of information. This layer and documentation covers Flood Storage Areas. It shows those areas that act as a balancing reservoir, storage basin or balancing pond. Their purpose is to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel. It may also delay the timing of a flood peak so that its volume is discharged over a longer time interval.

This dataset is designed to raise awareness of the likelihood of flooding and to encourage people living and working in areas prone to flooding to find out more and take appropriate action.

For more information on the data set please follow the link to the Environment Agency's website [here](#).

This data was released October 2015.

5.6 Areas Benefiting from Flood Defences

The Flood Map for Planning (Rivers and Sea) includes several layers of information. This layer and documentation covers Areas benefiting from defences. It shows those areas that would benefit from the presence of defences in a 1 in 100 (1%) chance of flooding each year from Rivers; or 1 in 200 (0.5 %) chance of flooding each year from the Sea. If the defences were not there, these areas would flood. Note that we do not show all areas that benefit from all flood defences.

An area of land may benefit from the presence of a flood defence even if the defence has overtopped, if the presence of the defence means that the flood water does not extend as far as it would if the defence were not there.

In mapping areas benefiting from flood defences, we assume that flood defences and other operating structures act perfectly and give the same level of protection as when our assessment of the area was made.

This dataset is designed to raise awareness of the likelihood of flooding and to encourage people living and working in areas prone to flooding to find out more and take appropriate action.

For more information on the data set please follow the link to the Environment Agency's website [here](#).

This data was released October 2015.

5.7 Flood Zone 2

The Flood Map for Planning (Rivers and Sea) includes several layers of information. This layer and documentation covers Flood Zone 2. It is our

best estimate of the areas of land at risk of flooding, when the presence of flood defences are ignored and covers land between Zone 3 and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year. This dataset also includes those areas defined in Flood Zone 3.

This dataset is designed to support flood risk assessments in line with Planning Practice Guidance; and raise awareness of the likelihood of flooding to encourage people living and working in areas prone to flooding to find out more and take appropriate action.

For more information on the data set please follow the link to the Environment Agency's website [here](#).

This data was released October 2015.

5.8 Flood Zone 3

The Flood Map for Planning (Rivers and Sea) includes several layers of information. This layer and documentation covers Flood Zone 3. It is our best estimate of the areas of land at risk of flooding, when the presence of flood defences are ignored and covers land with a 1 in 100 (1%) or greater chance of flooding each year from Rivers; or with a 1 in 200 (0.5%) or greater chance of flooding each year from the Sea.

This dataset is designed to support flood risk assessments in line with Planning Practice Guidance; and raise awareness of the likelihood of flooding to encourage people living and working in areas prone to flooding to find out more and take appropriate action.

For more information on the data set please follow the link to the Environment Agency's website [here](#).

This data was released October 2015.

6. Green Infrastructure and Open Space

This group of layers shows the locations of open space and green infrastructure projects within Leeds City Region

6.1 Air Quality Management Areas

This layer shows the UK Air Quality Management Areas for 2017 within Leeds City Region. This information is based on information reported by Local Authorities in 2017.

More information on this data can be found on the Department for Environment, Food and Rural Affairs [Website](#) this data was released in December 2017.

6.2 Sites of Special Scientific Interest (SSSI)

Sites of Special Scientific Interest (SSSI) are the finest sites for wildlife and natural features in England, supporting many characteristic, rare and endangered species, habitats and natural features. This layer shows where they are located within Leeds City Region.

More information on this data can be found [here](#). This data was released by Natural England in February 2017.

6.3 Special Areas of Conservation (England)

Layer shows the areas identified as Special Areas of Conservation in Leeds City Region.

More information on this data can be found [here](#). This data was released by Natural England in December 2016.

6.4 Special Protection Areas (England)

This layer shows Special Protection Areas for rare and vulnerable bird species. They are shown within Leeds City Region.

More information on this data can be found [here](#). This data was released by Natural England in December 2016.

6.5 Local Nature Reserves (England)

This layer shows the locations of local Nature Reserves within Leeds City Region. Local Nature Reserves are places with wildlife or geological features that are of special interest locally.

This data is from Natural England, for more information please follow the link to this [website](#). This data was released December 2016.

6.6 National Nature Reserves

This layer shows the locations of National Nature Reserves within Leeds City Region.

This data is from Natural England, for more information please follow the link to this [website](#). This data was released December 2016.

6.7 Green Infrastructure Diagram Corridors

This layer shows the areas identified as Green Infrastructure Diagram Corridors within Leeds City Region.

This data is from Natural England, for more information please follow the link to this [website](#). This data was released December 2016.

6.8 Green Infrastructure Corridors

This layer shows the areas identified as Green Infrastructure Corridors within Leeds City Region.

This data is from Natural England, for more information please follow the link to this [website](#). This data was released December 2016.

6.9 Green Infrastructure Areas

This layer shows the areas identified as Green Infrastructure Corridors within Leeds City Region.

This data is from Natural England, for more information please follow the link to this [website](#). This data was released December 2016.

7. Transport

This group of layers shows the current transport provision within Leeds City Region. It also shows various transport development schemes.

7.1 West Yorkshire Transport Fund Corridor Schemes

West Yorkshire-plus Transport Fund corridor schemes. For more information please visit the West Yorkshire Combined Authority [website](#).

This data was created by West Yorkshire Combined Authority, it was last updated in November 2017

7.2 West Yorkshire-plus Transport Fund Junction Schemes

West Yorkshire-plus Transport Fund Junction schemes. For more information please visit the West Yorkshire Combined Authority [website](#).

This data was created by West Yorkshire Combined Authority, it was last updated in November 2017

7.3 West Yorkshire Transport Fund Area Schemes

West Yorkshire-plus Transport Fund Area schemes. For more information please visit the West Yorkshire Combined Authority [website](#).

This data was created by West Yorkshire Combined Authority, it was last updated in November 2017

7.4 Highways England Road Investment Strategy Junction Schemes

This layer shows the location of Highways England RIS1 Junction schemes 2016.

This data has is from the Highways Agency, and was last updated January 2016.

7.5 Highways England Road Investment Strategy Corridor Schemes

This layer shows the location of Highways England RIS1 corridor schemes 2016.

This data has is from the Highways Agency, and was last updated January 2016.

7.6 High Speed 2 Alignment

This layer shows the proposed route for phase 2 of HS2 from the west midlands to Leeds and Manchester.

This data was provided by HS2 ltd, and can be accessed [here](#). This data was last updated in November 2017.

7.7 Trans-Pennine Route Upgrade

This layer shows the part of the rail network that is planned for electrification as part of the Trans-Pennine Express Electrification program.

This data was created by West Yorkshire Combined Authority, it was last updated in November 2017.

7.8 West Yorkshire Key Route Network

This Layer shows the West Yorkshire Key Route network. This was identified as part of Transport Strategy 2040.

This data was created by West Yorkshire Combined Authority, it was last updated in November 2017

7.9 Cycle City Ambition Grant (CCAG) Programme

This layer shows the Cycle City Ambition Grant programme that is developing the cycle network within Leeds City Region.

This data was created by West Yorkshire Combined Authority, it was last updated in November 2017

7.10 West Yorkshire High Frequency Bus Routes

This layer shows the location of the high frequency bus routes within West Yorkshire. High frequency bus routes

This data was created by West Yorkshire Combined Authority, it was last updated in November 2017.

7.11 Leeds City Region Rail Lines

This layer shows the location of rail lines within Leeds City Region.

This data was created by West Yorkshire Combined Authority, it was last updated in November 2017.

7.12 Leeds City Region Rail Stations

This layer shows the location of rail stations within Leeds City Region.

This data was created by West Yorkshire Combined Authority, it was last updated in November 2017.

7.13 Airports

This layer shows the location of major airports within the north of England, the symbol is displayed proportionately based on passenger numbers for 2017.

This data is from the Civil Aviation Authority, for more information please follow the link to their [website](#). This data is from March 2017.

7.14 National Cycle Network

This layer shows the location of the National Cycle network within Leeds City Region.

This data was provided by Sustrans, for more information please visit their [website](#). This data was provided in November 2017.

7.15 West Yorkshire Bus Lanes

This layer shows the location of bus lanes within West Yorkshire.

This data was provided by Sustrans, for more information please visit their [website](#). This data was provided in November 2017.

7.16 West Yorkshire Cycle Lanes

This layer shows the Cycle lane network within West Yorkshire.

This data was provided by Sustrans, for more information please visit their [website](#). This data was provided in November 2017.

7.17 LCR Canal Centreline

This layer shows the location of canals within Leeds City Region.

This data is from the Canal and River Trust for more information please follow the link to this [website](#). This data was last updated in July 2012

8. Communications and Digital

This group of layers provides information on the provision for different speeds of broadband connection across Leeds City Region.

8.1 Ultrafast Broadband - at least 100 Mbit/s

This layer shows the provision of ultrafast broadband (at least 100Mbit/s). The data is shown for Leeds City Region.

The data was produce by the Office of Communications (OFCOM) for more information please follow this [link](#). The data was last updated in June 2016

8.2 Superfast Broadband - at least 30Mbit/s

This layer shows the provision of Superfast broadband (at least 30Mbit/s). The data is shown for Leeds City Region.

The data was produce by the Office of Communications (OFCOM) for more information please follow this [link](#). The data was last updated in June 2016

9. Utilities and Energy

This group of layers shows the locations of various utility and energy infrastructure within Leeds City Region.

9.1 Power Cables

This layer shows the location of Major Power cables within Leeds City Region.

This data is from National Grid and can be accessed [here](#), the data was released November 2017

9.2 Power Stations

This shows the location of Power Stations within Leeds City Region.

9.3 Substations

This Layer shows the locations of Electrical Substations within Leeds City Region.

This data is from National Grid and can be accessed [here](#), the data was released November 2017

9.4 Overhead Power Lines

This Layer shows the location of overhead power lines at different voltages within Leeds City Region.

This data is from National Grid and can be accessed [here](#), the data was released October 2017

9.5 Overhead Power Line Towers

This shows the location of overhead power line towers within Leeds City Region.

This data is from National Grid and can be accessed [here](#), the data was released October 2017

9.6 Gas Pipelines

This layers shows the location of major Gas Pipelines with in Leeds City Region.

This data is from National Grid and can be accessed [here](#), the data was released May 2017

9.7 Gas Sites

This layer shows the location of Gas Sites within Leeds City Region.

This data is from National Grid and can be accessed [here](#), the data was released October 2017

9.8 Coalfield Search Areas

This data has been derived from current information available to the Coal Authority.

For more information please visit this [website](#). This data was extracted in January 2018. This information is updated on a daily basis and therefore is only correct on the date of creation. The data is supplied for use within the risk based approach to the development management process implemented by the Authority in conjunction with the Coal Authority.

10. Waste and Minerals

This group of layers shows the locations for waste and minerals within Leeds City Region

10.1 Authorised Landfill Sites

This layer shows sites that are used for landfill sites within Leeds City Region.

This data is from the Environment Agency and can be accessed [here](#). The data used here was extracted in January 2018.

10.2 Historic Landfill Sites

This layer shows former sites used for landfill within Leeds City Region.

This data is from the Environment Agency and can be accessed [here](#). The data used here was extracted in January 2018.

10.3 Energy from Waste Facilities

This layer shows Energy from Waste facilities within Leeds City Region and surrounding areas. This layer shows facilities that are operational and not yet operational.

This data was produced by West Yorkshire Combined Authority. It was last updated in December 2017.

10.4 Landfill Facilities (1,000,000 m³)

This layer shows landfill sites within the Yorkshire and Humber region that has a processing capacity in excess of 1,000,000 M³. This data excludes inert only and restricted user facilities.

This data was produced by West Yorkshire Combined Authority. It was last updated in December 2017.

10.5 Waste Facilities >75,000 Tonnes Per-Annum

This layer shows Waste processing sites, consisting of Recycling, Treatment and composting facilities with a processing capacity of over 75,000 tonnes per annum. The data contains both operational sites and sites with planning permission.

This data was produced by West Yorkshire Combined Authority. It was last updated in December 2017.