

# SMART LEEDS



## OUR COMMITMENTS



[datamillnorth.org/smart-leeds](http://datamillnorth.org/smart-leeds)

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# BUILDING A SMARTER LEEDS

Leeds is a vibrant city that was voted as one of the top 10 places in Europe to visit by Lonely Planet. We're the third largest city in the UK with over 780,000 residents and welcome over 29m visitors annually. Through our Inclusive Growth Strategy, we're shaping a compassionate city that has a strong economy benefitting everyone, where people and businesses grow, and where inequality and deprivation is reduced. This document outlines our smart city approach to underpin this strategy.

Our mission is to be the 'best city for digital' with a specific focus on intelligent use of data, health and wellbeing. Through Leeds City Council's *Smart Leeds* programme we will deliver new and innovative services and solutions which improve citizens' lives, promote Leeds as a city 'test bed' where innovation is embraced, and build on existing foundations which have made Leeds a city where people want to invest, visit, live, study and stay.

## SMART CITY FOUNDATIONS

It's important that we get the basics right first. We need the best digital infrastructure; have a population who can get the most out of being online; encourage the publication and reuse of data; and work collaboratively across all sectors to deliver improved outcomes and prosperity for all who live and work here.



## WORLD-CLASS CONNECTIVITY

*To continue to complete globally and build on its already vibrant digital community, Leeds needs world-class connectivity. Furthermore, expectations from citizens and visitors continue to rise in a world which is 'always on'.*

- **WE ARE** working with government and private sector suppliers to ensure people and communities have access to the best possible broadband speeds.
- **WE ARE** exploring all opportunities for Leeds to become a test bed for new and emerging 5G technology.
- **WE ARE** building on the successful roll out of free wi-fi in city centre locations and council buildings.
- **WE ARE** exploring how technologies such as LoRaWAN, Small Cells and 4G capabilities can enhance services that the council delivers.
- **WE WILL** work towards equipping all council houses and flats with access to the lowest priced broadband.



## DIGITAL SKILLS AND CAPABILITY

*Our successful 100% DIGITAL LEEDS programme is targeting some of the most digitally excluded citizens in Leeds. It's important that for our city to continue to thrive, we all need the appropriate skills, technology and support to get the most out of being online.*

- **WE ARE** providing residents with the digital skills to enable them to get the best online deals.
- **WE ARE** building on the UK's largest and most successful tablet lending scheme to provide access to equipment.
- **WE ARE** expanding our work with the UK's leading digital inclusion charity Good Things Foundation to support socially excluded people improve their lives through digital.
- **WE ARE** working with UK digital charity Nesta to expand our public engagement and create a Public Innovation Panel to encourage people to get involved.
- **WE ARE** creating a network of Digital Champions volunteers who will support their neighbours, communities and colleagues.
- **WE WILL** encourage organisations to join the Online Centres Network which works to tackle digital and social exclusion.
- **WE WILL** attend events, community groups and meetings to raise awareness and offer support.



# SMART LEEDS



## FREE THE DATA! OPEN DATA AND ANALYTICS

We're passionate in Leeds about open data and about the value it can bring to enrich all of our lives. We also recognise that better understanding of data can help us deliver improved services at lower costs.

- **WE ARE** working with other organisations in the city and across the North to encourage them to open up their data for the benefit of the city.
- **WE ARE** working towards creating a Leeds Office of Data Analytics which will analyse and interpret data from a variety of sources to provide insight.
- **WE ARE** increasingly working with city experts such as the Leeds Institute of Data Analytics who can interpret 'big data' which can help inform decision making.
- **WE WILL** build on the progress made already with opening up council data and work towards being increasingly 'open by default'.
- **WE WILL** continue to develop and promote the Data Mill North brand across the region.
- **WE WILL** increasingly use and make available spatial data which can help us better understand our communities and improve services.



## COLLABORATION AND TECH FOR GOOD

Leeds has a vibrant and close-knit digital community who regularly collaborate. The promotion of 'tech for good' is key to our ambitions of delivering open and sustainable innovation that benefits the whole city.

- **WE ARE** working collaboratively across all sectors to create and deliver new and improved services.
- **WE ARE** continuing to work closely with partners to realise the benefits of what open data can do in aligning to our smart city priorities.
- **WE ARE** promoting the 'tech for good' movement where new innovation brings about positive impact and change to people and communities.
- **WE ARE** working closely with the hospitals and universities to promote, influence and take advantage of the city's new Innovation District.
- **WE WILL** continue to promote and work with stakeholders from a variety of backgrounds to create innovative solutions to challenges through our award winning Innovation Labs process.
- **WE WILL** investigate the creation of a city Living Lab in the South Bank to test new innovation prior to large scale deployment.
- **WE WILL** extend our public engagement work to make sure citizens are involved at every stage.



**Travel and transport** **Co-Produce**  
**Collaboration** **Connectivity**  
**100% DIGITAL LEEDS** **Digital Skills** **Open Data**  
**LEEDS** **Growth**  
**Health and wellbeing**  
**Innovation** **Data analytics**  
**Joined up**  
**Tech for good**  
**Housing standards and growth**  
**Free the data**  
**Digital inclusion**

## OUR BIG 3 PRIORITIES

These are our main priorities. That's not to say we're not doing lots elsewhere because we are; these areas however offer the greatest opportunities to positively impact on all of our lives.



### HOUSING STANDARDS AND GROWTH

*Leeds is one of the fastest growing cities in the UK and like many other major cities has continued housing shortage pressures. The council is also the largest residential landlord in the city, giving us a unique opportunity to influence the standards of many of the properties in Leeds.*

- **WE ARE** promoting the 'Leeds Standard' as the sustainable standard for all new homes to be built to.
- **WE ARE** investigating how smart sensor technology can help us manage our housing stock more efficiently.
- **WE WILL** identify smart ways of assisting council tenants to report repairs and contact the council for assistance.
- **WE WILL** work with council tenants to ensure they're prepared for the roll out of the online-only Universal Credit system.
- **WE WILL** work with city planners to ensure smart solutions and innovation are embedded in new projects and programmes.



### TRAVEL AND TRANSPORT

*Like many big cities, Leeds is often challenged by the sheer volume of traffic. Poor air quality is also an ongoing concern at certain times of the day and days of the year. With an increasing population who are on the move, we need to look at how innovative solutions can ensure our city continues to grow sustainably.*

- **WE ARE** introducing a new Clean Air Zone to improve the city's environment and bring about health benefits for all.
- **WE ARE** investigating how smart sensors can assist drivers with finding the nearest parking spaces.

- **WE WILL** look at innovative solutions to better manage increased vehicle usage.
- **WE WILL** promote the city centre as a 'walkable city' using technology to highlight activities, increasing dwell time and spend.
- **WE WILL** promote the publication of open data to partners and stakeholders to improve openness and accessibility of public transport provision.



### HEALTH AND WELLBEING

*Leeds has a large health sector which is home to a number of health-tech companies as well as NHS Digital, NHS England and one of the largest teaching hospitals in Europe. We're therefore in a great position to take a leading role in new health innovation and to take advantage of new technologies to help improve the health of the poorest, fastest.*

- **WE ARE** promoting the use of open data and data analytics to improve health and wellbeing outcomes.
- **WE ARE** leading with healthcare partners across the region to deliver Local Health and Care Record Exemplar programme.
- **WE ARE** working closely with health colleagues and SMEs to investigate how technology can deliver innovative healthcare solutions.
- **WE ARE** continuing to develop and promote the Personal Health Record, Helm, providing patients with the ability to manage their own health data that will span Yorkshire and Humber.
- **WE ARE** working with Public Health and communities to develop the CareView app for the city to address social isolation.
- **WE WILL** continue to work with the health sector to promote the Leeds Care Record providing a joined-up approach to sharing health data.
- **WE WILL** work with stakeholders and technologists to co-produce digital and analogue solutions to assist the elderly through our Assisted Living Leeds Innovation (ALL INN) programme.

