

### **Appendix 3. What the pathways mean in 2038 for communities, residents, and businesses**

In 2038, delivering the measures in the pathways will mean residents and communities...

- Live in energy efficient homes that cost less to run and are more comfortable to inhabit. 679,000 dwellings, over half the dwellings in West Yorkshire, will have had some form of energy efficiency measures installed.
- Homes are heated by low emission technologies replacing existing natural gas boilers. At least 874,000 homes in West Yorkshire will have a low emission technology delivering their heating needs.
- Produce some of the electricity they need in everyday life through solar panels installed on their roofs. At least 171,000 homes in West Yorkshire will have solar panels installed, up from 30,000 today.
- Commute to work less, working from home and using teleconferencing more extensively than today, and ultimately improving quality of life. A minimum of 12 percent of all trips taken today will not be needed in 2038 because of remote working<sup>1</sup>.
- Walk more for trips of less than 2km, cycle more for trips less than 10km and use public transport (buses and trains) over the private car. In 2038 as a minimum 4 percent of all trips will be by walking, 12 percent by bicycle, 7 percent by bus and 15 percent by train.

In 2038 delivering the measures in the pathways will mean businesses...

- Use less energy and save money as a result of the installation of energy efficiency measures and low emission heating and electricity generating technologies, increasing the ability to invest in research, innovation and employees. In 2038, a minimum of 45 percent of the heating requirements of all offices, hospitals and other non-domestic buildings in West Yorkshire will be generated by low emission technologies.
- Make fewer trips for business purposes utilising digital infrastructure for meetings and remote working, reducing the need for large centralised offices. As above a minimum of 12 percent of all trips taken today will not be needed in 2038 because of remote working.
- Have significant employment, skills and training opportunities through the transition to net-zero carbon by 2038. Opportunities will occur across manufacturing, production, construction, installation, operation, and maintenance of the measures which are implemented.

---

<sup>1</sup> Demand reduction percentage cited also includes locating new homes closer to places of work and amenities to reduce journey distance.