



Transport & Travel Research Ltd

www.ttr-ltd.com

TRANSPORT & DISABILITY

Approximately
1 in 10 Europeans of
all ages has a disability.

Achieving equal opportunities for disabled people calls for a multi-pronged strategy including combating discrimination, facilitating independent living, promoting greater social integration and enhancing opportunities. Becoming older and age related disabilities are an important determining factor.

However, roughly 400,000 children in Great Britain have a disability, as do three quarters of a million young adults and one and a quarter million people in middle age.

A variety of transport initiatives have been developed over the last 30 years to improve the mobility of people with physical, sensory or learning disabilities. The mobility rights of disabled people are now enshrined within the Disability Discrimination Act (DDA). TTR consultants have been in the vanguard of developing systems and standards for disabled travellers since the late 1960's. As a result, we offer a comprehensive service:

- Mobility needs assessments
- Sensitive consultation
- Conformity with the DDA
- Scheme design and specification
- Implementation of schemes
- Evaluation and monitoring
- Recommending best practice



Our portfolio of experience covers the range of transport applications:

- Demand responsive transport systems
- Various modes: bus, rail, coach, minicab/taxis and private cars
- Sympathetic interchange designs
- In-street infrastructure measures
- Driver assistance systems
- Older driver issues
- Applying telematics solutions
- Information and ticketing systems

The following are examples of projects we have undertaken:

- Appointed by DfT to conduct research into a policy for kneeling buses.



- Working with WS Atkins to consider rail design improvements from the perspective of disabled travellers.

- Conducting research into improving accessibility of minicab services for disabled people.

- Carried out a study to improve the provision of transport for disabled schoolchildren.

- Researching the quality and accessibility of information, advice and assessment services for older people wishing to continue driving.

- Assessing for DfT the viability of a wheelchair lift system for use in long distance coach services.

- Designed and evaluated the SMART bus network, including fully accessible, low floor electric powered buses in Liverpool and on the Wirral.

- Held focus groups in Sefton to establish the needs of travellers with visual, aural and speech impairments, as well as adults with learning disabilities and children with Downs Syndrome.

- Undertook an audit of Bristol City Council's dial-a-ride services for mobility impaired people

and made recommendations for integrating services and expanding service coverage city-wide.

- Worked with a group of artists with learning disabilities to improve access to their community centre and to the Arts in Bristol.

- Consulted groups of disabled people on their specific requirements from Transport Direct.

- Led a European consortium to demonstrate new telematics-based systems to provide high quality dial-a-ride services and call-centre booking facilities for accessible transport services.

- Assessed the provision of information and travel centre layouts in West Yorkshire, particularly amongst people with a range of disabilities.

- Conducted on-site audits with blind and partially sighted travellers at bus stations on Merseyside and presented recommendations for improvements.

- Carried out focus groups with disabled people to assess their priorities for future transport investment in the West Midlands.

- Consulted groups of disabled people in Bristol and Trondheim on their attitudes towards road user charging.



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