

ACCESSIBILITY & SUSTAINABILITY BY INTERMEDIATE MODES



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TRANSPORT PROBLEMS

- Our towns and cities are congested
 - Trams attract people from cars - buses don't
- Efforts to enhance the image of buses have not achieved growth in passenger numbers
- Only 2% of Britain's population have access to tram services
 - Trams are too expensive - they are built more like trains than buses

ACCESSIBILITY

- Accessibility for PEOPLE
 - can individuals make use of the service?
- Accessibility for POPULATIONS
 - does the scheme serve useful numbers?

SUSTAINABILITY

- Environmental sustainability
 - do we improve the impact of the economy?
- Economic sustainability
 - can the scheme maintain itself?

WHAT IS NEEDED

We need a solution that is:

rail based

appropriate in capacity

affordable



quick to install

environmentally sound

PPM PRODUCTS

80 passenger vehicles...



PPM PRODUCTS



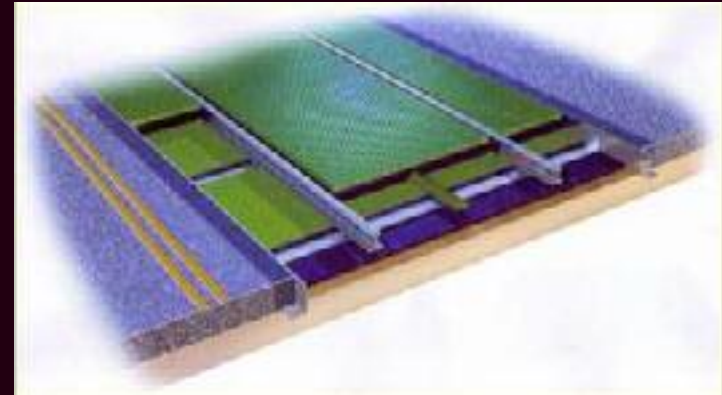
... to 30 passenger
vehicles



INFRASTRUCTURE & OPERATION

Suited to the application

Holdfast Carpet Track Ltd
- a range of tramway products



Pre Metro Operations Ltd
- reducing the cost of running

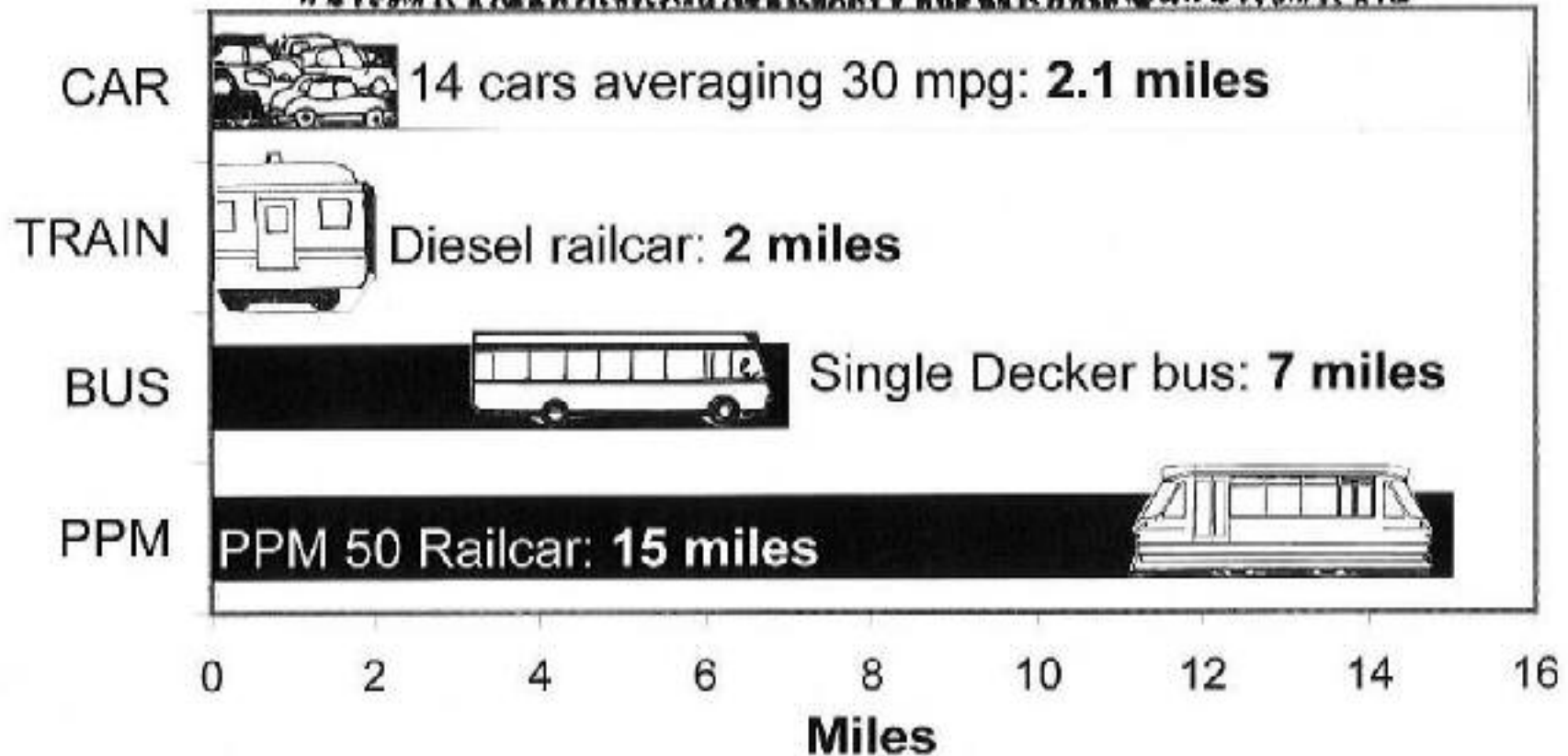
ACCESSIBILITY BY PPM

- Accessible for people
 - level access
 - RVAR compliant
 - user friendly
- Accessible for populations
 - lower cost means more applications
 - can be built where people want to go

SUSTAINABILITY BY PPM

- Economically
 - affordable where many modes are not
 - low first cost
 - low running cost
- Environmentally
 - low or no emissions
 - excellent energy efficiency

How far can 50 people travel on one gallon of fuel?



INTERMEDIATE MODES - NEW THINKING

Needed: accessibility AND sustainability

- intermediate modes are essential
- rail transport is needed to attract people
- PPM technology achieves the aim