Thriving Communities INNOVATION HUR Thriving Economy Connected Autonomeu Vehicles & Drones

Smart Infrastructor

Public Health

Electric Vehicles

Oxfordshire Innovation Framework

Policy goal and instrument to influence local EV charging and local energy infrastructure development



😚 dpd group



Who Are We?

Oxfordshire County Council:

- Highways
- Land Use & Waste
- Public Health & Social Care
- Fire Service & Emergency Planning
- Consumer Protection
- Education, Libraries & Museums

Responsible for: -£700m annual budget -667K people (+10% y-o-y) -3K miles of road (£4Bn worth)







IF Components



4 key elements:

- Overarching document sets out the need and the process
- Roadmap of innovations links to evidence on innovation
- Innovation Plan template set framework for innovation to be considered for development & infrastructure
- Monitoring tool a tool to measure the impact of development and infrastructure



Over-arching IF Aims

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Set out the case for considering innovation



Provide high level guidance for planners & developers, linking to more detailed information



Strategic links to provide a framework of principles and aims which innovation should support / challenges it could help overcome



IF & the Planning Process





What do we want to achieve?



Local, renewable energy infrastructure provision



Grid balancing technology use



Appropriate EV-charging infrastructure roll-out Balanced against the need for modal shift



Different Needs and Constraints

- Rural vs urban vs peri-urban
- Historic layouts / space constraint
- Ecological & environmental drivers
- Existing infrastructure
- Grid constraints against increasing electrification
- Demographic make-up





Providing the tools











Innovation Plan Template

- Guidance for how to consider site-specific innovation
- Similar to a Travel Plan template
- To:
 - Identify site-specific challenges and goals
 - Find innovations to help address them
 - Identify futureproofing needs
 - Identify targets
 - Involve stakeholders



Thank you