



Department
for Transport

Session 3: OZEV Cross-pavement solutions guidance for local authorities

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What will this session cover?

Objectives

- ▶ Understand what cross-pavement solutions are and the benefits.
- ▶ Find out what is Government doing to support roll-out?
- ▶ Understanding the cross-pavement guidance and what you need to think about to install cross-pavement solutions.
- ▶ Understanding existing challenges and next steps.



What are cross-pavement solutions?

What are cross-pavement solutions?

- ▶ Allow for domestic EV charging without a driveway.
- ▶ Several trials are active across the UK with hundreds installed.

The Challenge

- ▶ EVs play an important role in transport decarbonisation.
- ▶ Around 1/3 homes do not have access to off-street parking.
- ▶ Some EV drivers are trailing their cables across the pavement to charge their EV.



Why is Government supportive of this technology?



Cost and convenience to charge



Reduces risks of trailing cables



Access to smart EV charging



Reduced street furniture and protection of green spaces



What has Government done?

Cross-pavement guidance for local authorities

- ▶ Information for local authorities/highway authorities installing cross-pavement solutions.

Addendum to SROH

- ▶ Sets out the specification for reinstating pavements following installation of cross-pavement solutions.

EV chargepoint grant for those with on-street parking

- ▶ £350 towards a chargepoint, when installed with a cross-pavement solution.

Funding through Local EV Infrastructure (LEVI) grant

- ▶ LEVI funding can be used for this technology.



Cross-pavement guidance: what does it cover?

Context and Benefits

- ▶ What they are and why someone would want one.

Policy design

- ▶ Factors to consider when installing.

Permissions

- ▶ What planning requirements are there?

Minimum standards

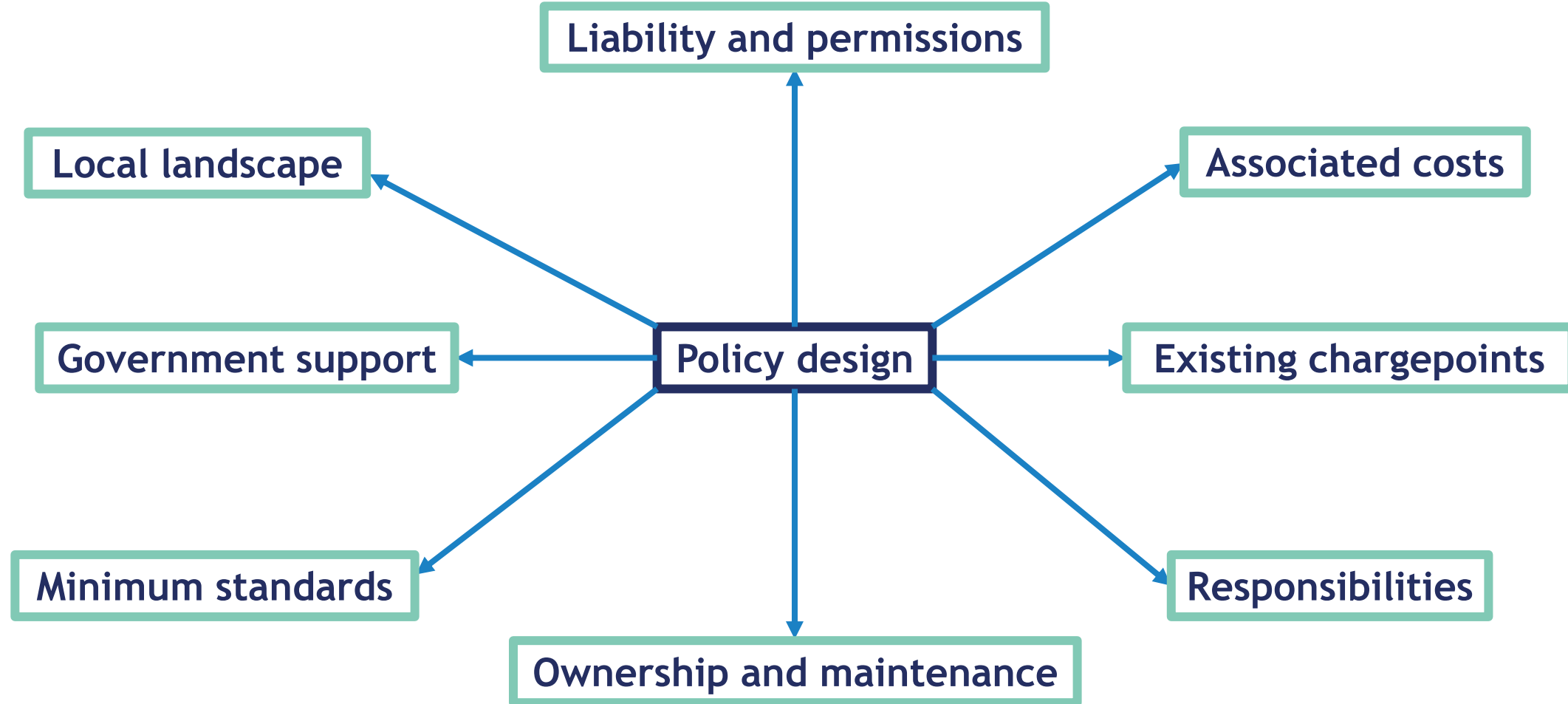
- ▶ Legal requirements.

Responsibilities

- ▶ Setting out liability.



Cross-pavement guidance: policy design



Cross-pavement guidance: permissions

Section 50 licences and work permits

- ▶ Anyone who is not a statutory undertaker needs a section 50 licence.

Planning permission

- ▶ Planning permission is required for the chargepoint and the cross-pavement solution.
- ▶ Local development orders may be used to avoid planning permission.

Traffic regulation orders (TROs)

- ▶ May be needed if there is an accompanied reserved parking bay.



Cross-pavement solutions: minimum standards

Cross-pavement solutions product standards

- ▶ There are no product standards.

So, what should be considered?

- ▶ Gully tops and manhole tops (BS EN 1433-2002)
- ▶ Drainage channels (BS EN 1433-2002)
- ▶ Electrical standards (BS EN IEC 61851-1:2019)
- ▶ Specification for the Reinstatement of Openings in the Highway

What else to consider?

- ▶ Manual for Streets
- ▶ Inclusive Mobility



Cross-pavement solutions: responsibilities

Written Agreement

User Agreement

Dear Mr/Ms,

Please see the below terms and sign:

1. You are liable for injury from misuse.
2. The channel does not guarantee your public parking space.
3. The EV chargepoint must be safe.

Liability

Managing Access

Associated EV
chargepoint installation

Signed: *Responsible EV Owner*

Challenges and next steps

What challenges have been raised to OZEV?

- ▶ Simultaneous contact risk
- ▶ Planning permission/section 50 cost and delays
- ▶ Product standards
- ▶ Accessibility concerns
- ▶ Parking disputes

So, what next?

- ▶ EV chargepoint grant funding to be continued.
- ▶ OZEV engagement
- ▶ More work to build on the cross-pavement guidance



Thank you for listening

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