Ensuring Compliance

UVARs

Daniel Guzman Vargas

Ghent University

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The key aspects

- Enforcement options
  - Permit systems
- Awareness rising
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Enforcement options

• Camera with Automatic Number Plate Recognition (ANPR).
• Manual inspection
• Physical barriers
• Transponders (e.g. RFID – radio-frequency identification)
• Dedicated short range communication (DSRC)
• Global Navigation Satellite System (GNSS) based tolling.
• Intelligent Speed Adaptation (ISA)*
• Geofencing*

* See ReVeAL geofencing guidance
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Enforcement options

To consider…

• Legal options available
• Political/culturally accepted options
• Level of compliance that can be expected
• Resources (set up and operation)
• Matching UVAR type
• Reliability
• Interoperability
• Data privacy*

*ReVeAL UVAR guidance on privacy and camera enforcement, and foreign vehicle enforcement will be available from autumn 2021.
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Permit systems*

The system

- Receiving application
- Application validation
- Issuing of permits

• Manual
• Digital/online

Exemptions

* See ReVeAL permits and exemptions guidance
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**Awareness rising**

- **Purpose → One-way** vs. **two-way**
- **Real-time → Dynamic/reactive**

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* See ReVeAL communication and awareness guidance (Autumn 2021)

https://tfl.gov.uk/modes/driving/ultra-low-emission-zone
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Awareness rising*

* See ReVeAL communication and awareness guidance (Autumn 2021)

www.uvarbox.eu
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Thank you for your attention

Daniel Guzman Vargas
Daniel.GuzmanVargas@Ugent.be