Speed Pedelec Debate

Ceri Woolsgrove, Policy Officer
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**EU categories**

**Pedelec**
- ≤ 25 kph
- ≤ 250 Watt
- Pedal Assisted

Falls within bicycle CEN standards

**Speed Pedelec**
- ≤ 45 kph
- ≤ 4,000 Watt (usually 500 - 750 W)
- Pedal Assisted

Falls within EU motor vehicle Type Approval
How do national authorities define them?

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Falls within EU motor vehicle regs

**Bicycle**

**Moped**
## Road Rules for S-Pedelecs

<table>
<thead>
<tr>
<th>Country</th>
<th>Helmet</th>
<th>License</th>
<th>Age</th>
<th>Infrastructure</th>
<th>Insurance</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE</td>
<td>Bicycle Helmet</td>
<td>Moped License and plate</td>
<td>16</td>
<td>Signed routes in urban areas, Bicycles highways speed &lt; 30</td>
<td>Insurance mandatory</td>
</tr>
<tr>
<td>NL</td>
<td>S-pedelec helmet</td>
<td>Moped License and plate</td>
<td>16</td>
<td>Yes on bicycle infrastructure but speed limits apply</td>
<td>Insurance mandatory</td>
</tr>
<tr>
<td>DE</td>
<td>Helmet type?</td>
<td>Moped License and Plate</td>
<td>16</td>
<td>Most urban bicycle paths prohibited</td>
<td>Insurance mandatory</td>
</tr>
<tr>
<td>UK</td>
<td>Full motorbike helmet</td>
<td>Moped License and plate</td>
<td>16</td>
<td>Road only</td>
<td>Insurance mandatory</td>
</tr>
</tbody>
</table>
Wider issues in the transport field
Future EU policy issues?

Mandatory Motor vehicle Insurance Directive

CHAPTER 1
GENERAL PROVISIONS

Article 1
Definitions
For the purposes of this Directive:

1. ‘vehicle’ means any motor vehicle intended for travel on land and propelled by mechanical power, but not running on rails, and any trailer, whether or not coupled;

Mountain bike exemption in Type Approval

Article 2
Scope

(g) vehicles primarily intended for off-road use and designed to travel on unpaved surfaces;
Conclusion

• If you are not debating this in your country you will need to get ready for it. It is coming pedelecs/speed pedelec use is growing!
• If you are already debating this in your country be aware of broader issues
• 2 Upcoming issues
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Thank you

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