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Item 4 of the provisional agenda

Non-Convention signs – zero and low emission zonal signs

Submitted by Denmark

The document is reproduced as submitted.

Conclusions from the informal meeting on Tuesday 22 November 2022 between the chairman Karel Hofman and Denmark

Sign for environmental zone (zonal validity)

What are environmental zones? Requirements for the emission of particles by diesel-powered heavy vehicles and vans.

An environmental zone is described as a greater contiguous urban area where there is substantial traffic and where there are requirements for diesel-powered heavy vehicles and vans to emit particles. The aim of the environmental zones is to ensure cleaner air for citizens in these urban areas.

In Denmark, [laws on environmental zones](#) have been adopted.

Sign for Zero emission zone (zonal validity)

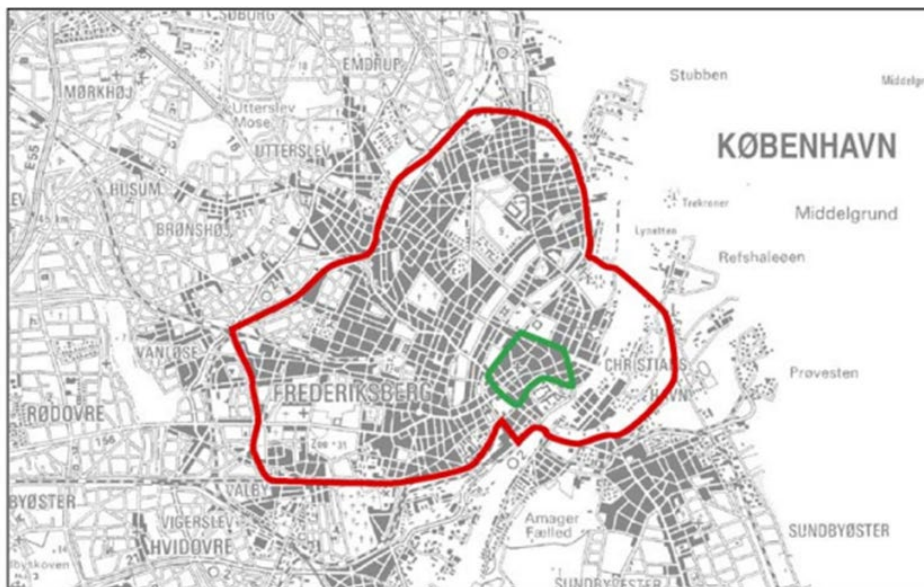
What are Zero Emission Zones? basically only vehicles without internal combustion engines.

Zero-emission zones are delimited zones in the urban area where, as a rule, only vehicles without combustion engines are allowed to drive. This means that vehicles that run on petrol or diesel are excluded. However, there must be exceptions so that citizens and businesses with "legitimate needs" can drive in the zones.

In Denmark, no final laws on zero-emission zones have yet been adopted, but there are currently [prepared a proposal for legislation](#).

Red = Environmental zone

Green = Zero emission zone



Annex 1, section E, II Descriptions, (yellow book p. 47)

8. Signs having zonal validity

(a) Beginning of a zone

(i) To indicate that a sign applies to all roads in a zone (zonal validity), the sign shall be displayed on a rectangular panel with a light-coloured ground. The word "ZONE" or its equivalent in the national language may be displayed above or below the sign on the panel. Specific details of the restrictions, prohibitions or obligations indicated by the sign may be given below the sign on the panel or on an additional panel.

Signs applying to all roads in a zone (zonal validity) shall be set up at all roads giving access to the zone concerned. The zone preferably should only include roads which have similar characteristics.

Amendments to the provision

BEGINNING OF A ZONE

E, 9 (E-08.1) notifies road users of a beginning of a zone where restrictions, prohibitions or obligations indicated by the regulatory sign displayed on this sign applies to all *the* interconnecting roads (at least two) in the zone.

(i) To indicate that a sign applies to all roads in a zone (zonal validity), the **This** sign shall be displayed on a rectangular panel with a light-coloured ground. **It preferably should bear the word inscription "ZONE" or its equivalent in the national language may be displayed above or below the sign on the panel. Specific details of the restrictions, prohibitions or obligations indicated by the sign may be given below the sign on the panel inscribed in the lower part of the sign or on an additional panel. The inscriptions shall be black or dark blue.**

Signs applying to all roads in a zone (zonal validity) **This sign shall be set up at all roads giving access to the zone concerned. The zone preferably should only include roads which have similar characteristics.**

According to the convention on road signs and other road markings it is possible to use;



Sign having zonal validity



Notification of prohibition with additional panel

The Danish text translated;

”Environment-approved vehicles except”

Environment zone

Signs having zonal validity shall be used with the text “ZONE”

”Environment” may be placed below the prohibition sign on the special regulation sign or on an additional panel in the national language.

Proposal for a new sign in the convention only for low emission zones and zero emissions zones.



Sign having zonal validity

It should be possible to add the text “**Zero emission zone**” or “**Low emission zone**” on an additional panel or on the sign itself.

The national legislation must state which vehicles can possibly be exempted with regard to the Zero emission zone or Low emission zone. For example, the armed forces, the police, the rescue services or similar emergency services.

It must be understood that e.g. waste disposal vehicle, moving vehicle, home care etc. and local residents are also covered by the national law on Zero emission zone” or “Low emission zone.
