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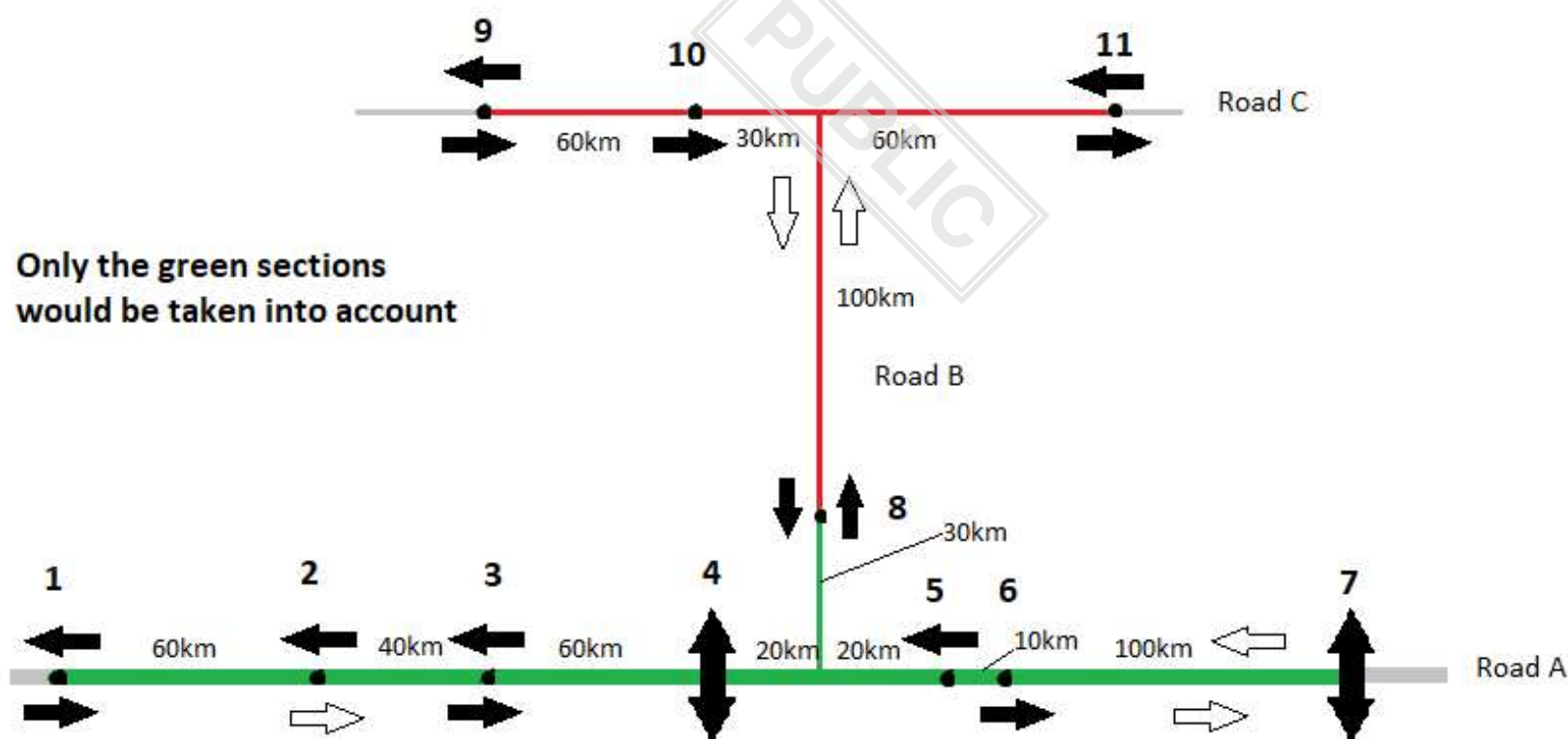
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WORKING DOCUMENT

From:	General Secretariat of the Council
To:	Working Party on Transport - Intermodal Questions and Networks
N° prev. doc.:	ST 7592/22
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Subject:	Fit for 55 Package - AFIR: Proposal for a Regulation on the deployment of alternative fuels infrastructure, and repealing Directive 2014/94/EU - Illustration and explanation on article 4(1a)

In view of the meeting on 11 April, delegations will find attached an illustration and an explanation on the proposed article 4(1a) related to the calculation of the percentage of the length of TEN-T network referred to in the proposed article 4(a01) and (a02).

How to interpret : "sections of the TEN-T network between two recharging pools that are more than 120 km apart shall not be taken into account" ?



publicly accessible recharging pool serving one direction of travel and complying with the requirements in terms of power outputs set out in Article 4



publicly accessible recharging pool serving both directions of travel and complying with the requirements in terms of power outputs set out in Article 4



publicly accessible recharging pool not yet operational (for instance, at the planning or construction phase or not meeting the requirements in terms of power outputs)

Article 4(1a) :

The calculation of the percentage of the length of TEN-T network referred to in points (a01) and (a02) of paragraph 1, shall be based on the following elements:

- (i) for the calculation of the denominator: the total length of the TEN-T network within the territory of the Member State;
- (ii) for the calculation of the numerator: the cumulated length of the sections of the TEN-T network between two publicly accessible recharging pools dedicated to heavy-duty vehicles; sections of the TEN-T network between two recharging pools that are more than 120 km apart shall not be taken into account when calculating the numerator.

Analysis of each section with regards to the 120 km distance for the calculation of the numerator in 2025 or 2027

Section between recharging pools #1 and #3:

Since the distance between recharging pools #1 and #3 is $60+40 = 100$ km, it can be taken into account.

This gives some room for manoeuvre to complete the recharging pool #2 (one direction is still missing).

Section between recharging pools #3 and #4:

Since the distance between recharging pools #3 and #4 is 60 km, it can be taken into account.

Section between recharging pools #4 and #5/6:

On one direction of travel, the distance between recharging pools #4 and #5 is $20+20 = 40$ km. On the other direction of travel, the distance between recharging pools #4 and #6 is $20+20+10 = 50$ km. As a consequence, since the recharging pools are not more than 120 km apart on both directions of travel, this section can be taken into account.

Section between recharging pools #5/6 and #7:

On one direction of travel, the distance between recharging pools #5 and #7 is $10+100 = 110$ km. On the other direction of travel, the distance between recharging pools #6 and #7 is 100 km. As a consequence, since the recharging pools are not more than 120 km apart on both directions of travel, this section can be taken into account.

This gives some room for manoeuvre to complete the installation of an additional recharging pool between those #5/6 and #7.

Section between the crossing of roads A and B and recharging pools #8:

The distance between recharging pools #8 and #4 is $20+30 = 50$ km.

The distance between recharging pools #8 and #5/6 is $30+20 = 50$ km on one direction of travel (#5) and $30+20+10=60$ km on the other direction of travel (#6).

As a consequence, since the recharging pools are not more than 120 km apart on all directions of travel, this section can be taken into account.

Section between recharging pools #9, #10 and #11:

The distance between recharging pools #9 and #11 is $60+30+60 = 150$ km.

The recharging pool #10 only serves one direction of travel, and thus does not meet the requirements.

As a consequence, since the recharging pools meeting the requirements are more than 120 km apart, this section cannot be taken into account.

Section between the crossing of roads B and C and recharging pools #8:

The distance between recharging pools #8 and #9 is $100+30+60 = 190$ km.

The distance between recharging pools #8 and #11 is $100+60 = 160$ km.

The recharging pool #10 only serves one direction of travel, and thus does not meet the requirements.

As a consequence, since the recharging pools meeting the requirements are more than 120 km apart, this section cannot be taken into account.