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**Economic Commission for Europe**
**Inland Transport Committee**
**Working Party on Transport Trends and Economics**
**Group of Experts on Climate Change Impacts and  
 Adaptation for Transport Networks and Nodes**
**Eighteenth session**

Geneva, 6 and 7 June 2019

**Report of the Group of Experts on Climate Change Impacts  
 and Adaptation for Transport Networks and Nodes on the  
 eighteenth session**
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## **I. Attendance**

1. The Group of Experts (hereafter called GE.3) on Climate Change Impacts and Adaptation for Transport Networks and Nodes held its eighteenth session on 6 and 7 June 2019. The session was chaired by Mr. P. de Wildt (the Netherlands).
2. Representatives of the following United Nations Economic Commission for Europe (ECE) member States participated: Canada, Croatia, Finland, France, Germany, Netherlands and Romania. Canada and Germany participated through a video conference.
3. At the invitation of the secretariat, experts from the following organization participated: Climate Service Centre Germany and University of the Aegean, the latter through a video conference.

## **II. Adoption of the agenda (agenda item 1)**

*Documentation:* ECE/TRANS/WP.5/GE.3/35

4. GE.3 adopted its agenda.

## **III. Climate Change and Transport Networks and Nodes: Presentations of initiatives at national and international levels (agenda item 2)**

*Documentation:* ECE/TRANS/WP.5/GE.3/2019/11, ECE/TRANS/WP.5/GE.3/2019/12, ECE/TRANS/WP.5/GE.3/2019/13, Informal document No.1, Informal document No.2, Informal document No.3

5. GE.3 took note of the case studies issued as official documents ECE/TRANS/WP.5/GE.3/2019/11, ECE/TRANS/WP.5/GE.3/2019/12, ECE/TRANS/WP.5/GE.3/2019/13. It further discussed proposals for additional case studies from UNCTAD - Informal documents No.1, Iceland – Informal document No.2, and Romania – Informal document No.3. GE.3 accepted these case studies for inclusion in the final report, part II, chapters 1 or 2 as relevant. The authors were requested to work with the secretariat and make adjustments to the text of the case studies as necessary for the inclusion in the final report.

## **IV. Partners and expected contributions (agenda item 3)**

6. There was no input provided under this agenda item.

## **V. Discussions on the final report of the Group of Experts (agenda item 4)**

*Documentation:* ECE/TRANS/WP.5/GE.3/2019/16, Informal document No. 4, Informal document No. 5

7. GE.3 took note of the issuance of ECE/TRANS/WP.5/GE.3/2019/16. It then continued to discuss its draft final report, focusing on the changes and comments made to the text available in the Informal document No.4, version of 4 June 2019.
8. GE.3 reviewed the proposals for changes made and comments to the text of the report and adjusted the text further for the introduction, chapters 1, 2 and 4 of part I and for part II of the report. For this text, it requested the secretariat to:
  - (a) Add to the introduction, before the background information, a brief text on what the report is about,

- (b) Include in the annex the names of experts who supported the work of the Group of Experts during the current mandate,
- (c) Update the list of countries contributing the case studies,
- (d) Inform about the development of an online Geographical Information System (GIS) containing the spatial presentation of the analysis carried out and refer it for figures not presented in the report,
- (e) Add references to paragraphs marked for it,
- (f) Refer Table I.1 in the text of the introduction on the implications for transport from climate change: a short review,
- (g) Update the figure I.1.2 by distinguishing the types of routes,
- (h) Ensure that all IPCC figures are used in the report in line with the IPCC rules,
- (i) Adjust the lesson learned and recommendation on the harmonisation of climatic data, add a lesson learned on the importance on the analysis of sectoral interdependencies in the work on adaptation to climate change, and better integrate within the chapter 4 the recommendations to develop a set of indicators to monitor adaptation action and to develop convergent adaptation-mitigation measures,
- (j) Add figures to case studies for Canada, after completing the necessary administrative procedure, and
- (k) Acknowledge all the data used in the report.

9. GE.3 discussed the chapter 3 of part I and agreed to:

- (a) Reorganize Table I.2 to have in the first column the analysed indices and to include information on which indices analyses have been done for Europe and for Canada,
- (b) Accept changes to section II (Methods and data), sub-sections A, B, C upon confirmation from Canada, and request experts from Germany, Climate Service Centre Germany and University of the Aegean to review sub-section D of section II and sub-section C of section III in line with the comments made,
- (c) Restructure section III, sub-sections A and B to take out the text with the interpretation of impacts to a separate sub-section, and hence to include first the index analysis for Europe, followed by index analysis for Canada, and by interpretation of impacts, and request the expert from Climate Service Centre Germany and the secretariat to do such restructuring,
- (d) Include, as examples, only the figures presenting the spatial distribution of the index analysis on the networks for the scenario RCP8.5 while refer the forthcoming ECE online GIS for consulting figures presenting scenario RCP2.6,
- (e) Add 10<sup>th</sup> and 90<sup>th</sup> percentile analysis to the subsection of the index analysis for Canada and add analysis on an additional index, if it can be done in time for the finalisation of the report,
- (f) Add to the sub-section C of section III a figure presenting the coastline for Canada showing the impact from extreme sea level on the coastline.

10. GE.3 adopted the report in principle. It requested the secretariat to:

- (a) Circulate before 28 June the final version, including the agreed corrections, for final review through electronic means to be completed by 15 July,
- (b) Submit subsequently the full final report as informal document to the thirty-second session of the Working Party on Transport Trends and Economics (WP.5),
- (c) Circulate by 6 June the updated chapter 4 of part I with lessons learned and recommendations for expert review by 14 June, and
- (d) Prepare and submit the chapter 4 with the lessons learned and recommendations as official document to the thirty-second session of WP.5.

11. GE.3 also discussed Informal document No.5 proposing a new mandate and terms of reference for continuing the work on transport assets and operations adaptation analysis to climate change.

12. GE.3 welcomed the proposal. It requested the secretariat to include explicitly in the new mandate the task to raise awareness of the transport adaptation needs analysis as well as adjust the specific tasks listed in the terms of reference to the revised lessons learned and recommendations of chapter 4, part I of the final report. The secretariat was asked to share the updated document by 6 June for expert review by 14 June and subsequently to prepare and submit it as official document to the thirty-second session of WP.5.

## **VI. Other business (agenda item 5)**

13. There was no issue reported under this item.

## **VII. Date and place of next meeting (agenda item 6)**

14. The eighteenth session was the last session of the Group of Experts under the existing mandate.

## **VIII. Summary of main decisions (agenda item 7)**

15. The Chair with the support of the secretariat summarized the main decisions taken at the eighteenth session

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