

# Key findings on climate change impacts and adaptation for transport infrastructure

10th Session of Group of Experts on Climate Change Impacts and Adaptation for Transport Networks and Nodes,  
(UNECE, UNOG, Geneva, 7-8 July 2016)

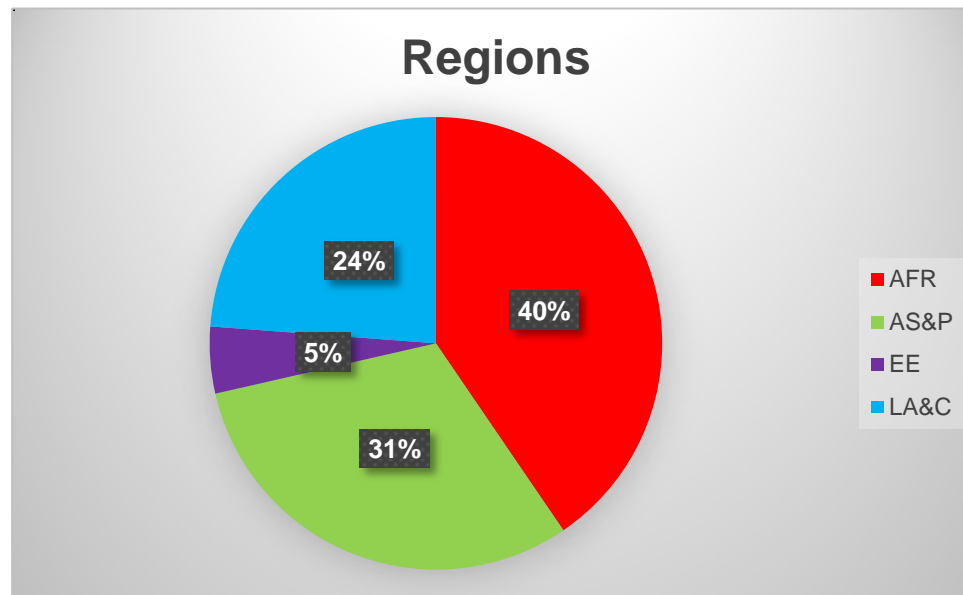


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# Approach for the survey

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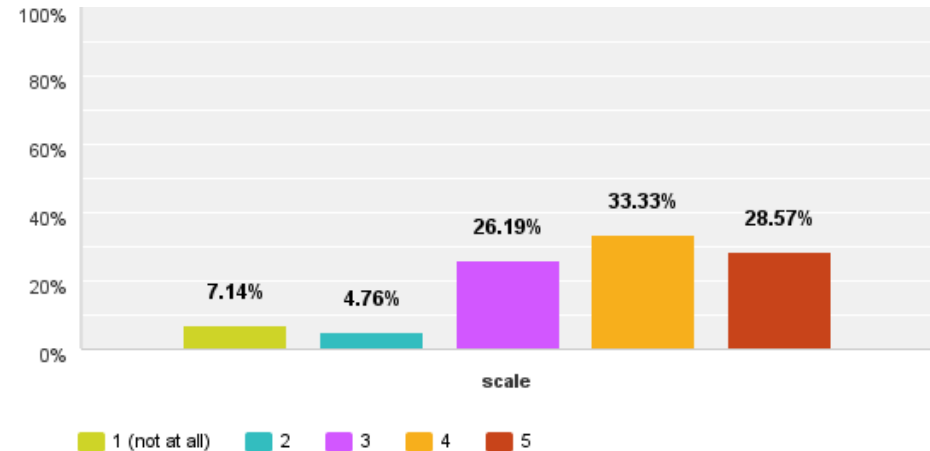
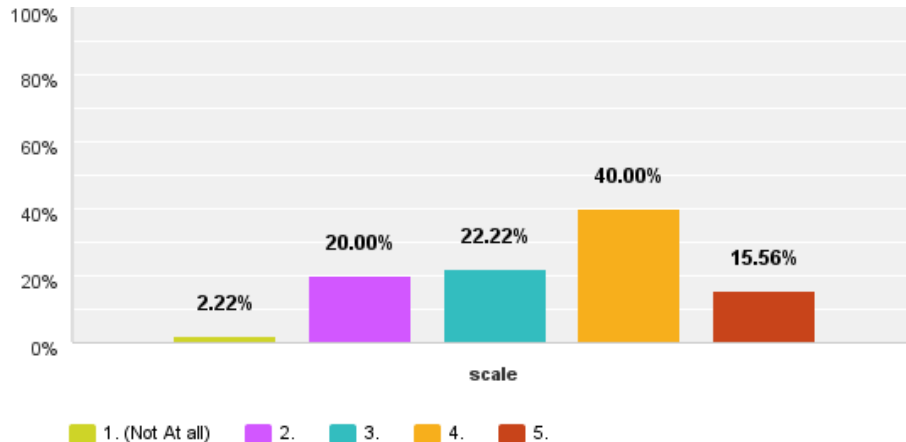
- Survey builds upon the UN ECE survey on transportation and climate change impacts
- Survey was sent to all non-annex I national focal points & participants of the recent most workshops on vulnerability and adaptation assessments
- Survey was open for two weeks
- A total of 62 responses from 42 countries were received



# Key findings: Awareness

- Most respondents acknowledged that climate change is a problem for transport in their country

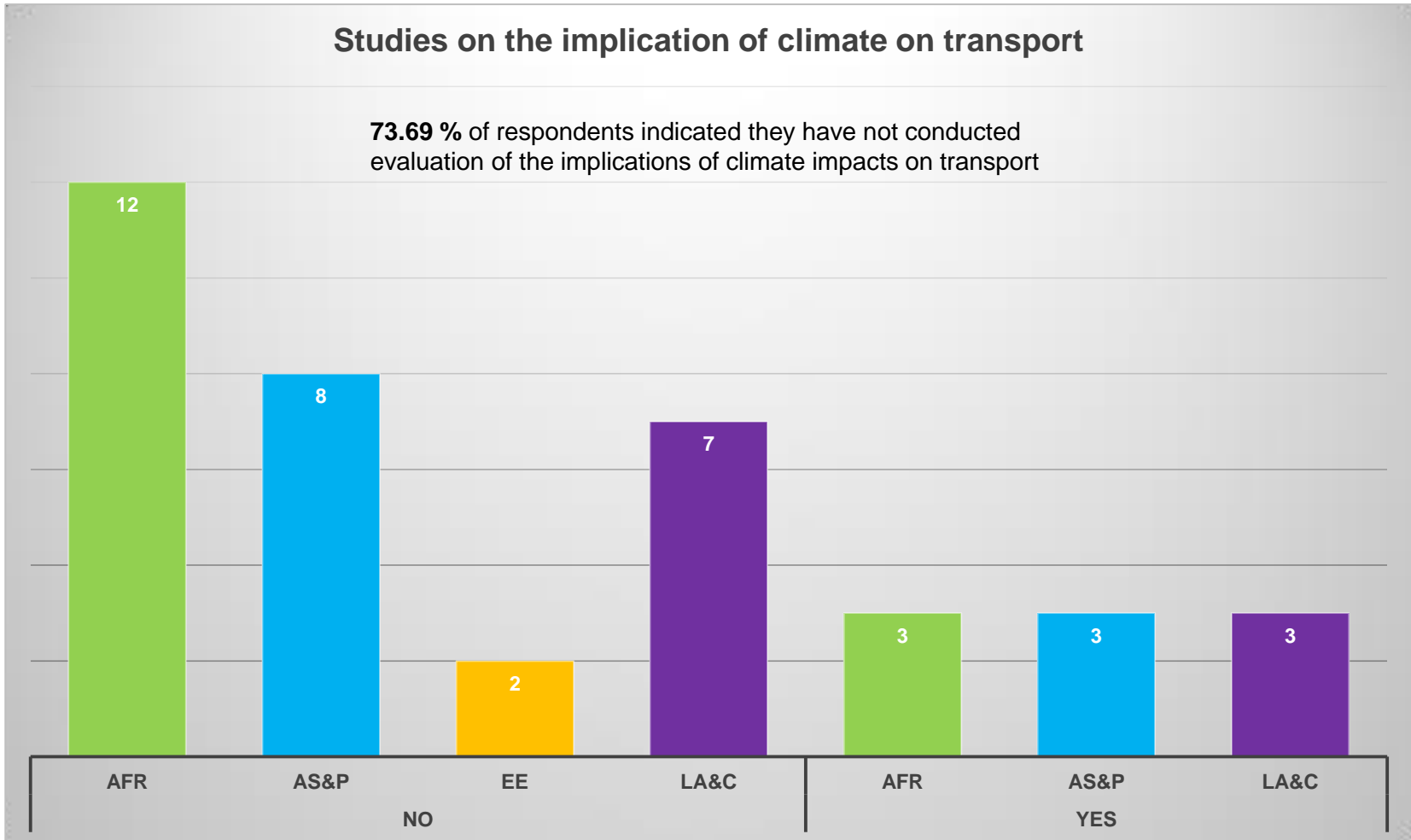
- Almost all respondents noted that transport has been impacted by any weather or climate factors in the past 5 years



# Key findings: Assessment

## Studies on the implication of climate on transport

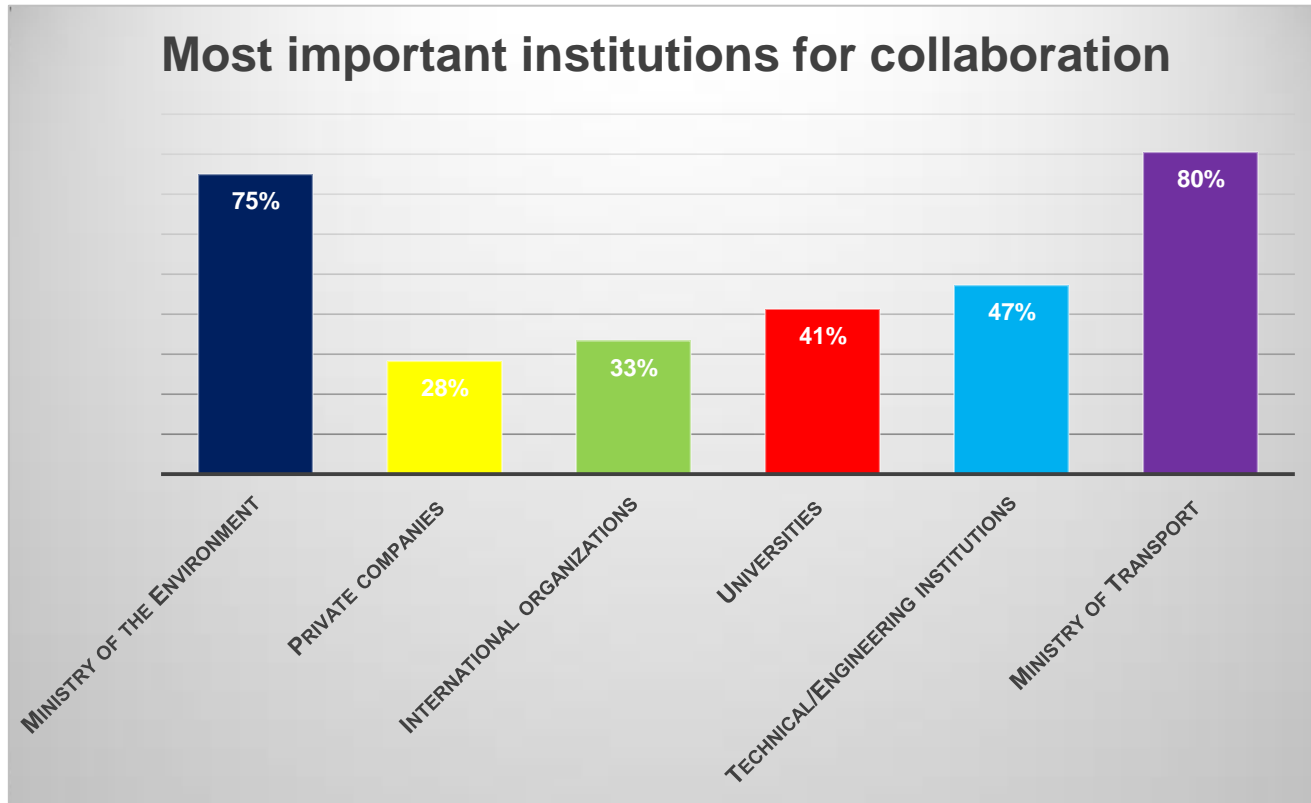
73.69 % of respondents indicated they have not conducted evaluation of the implications of climate impacts on transport



# Key findings: Assessment

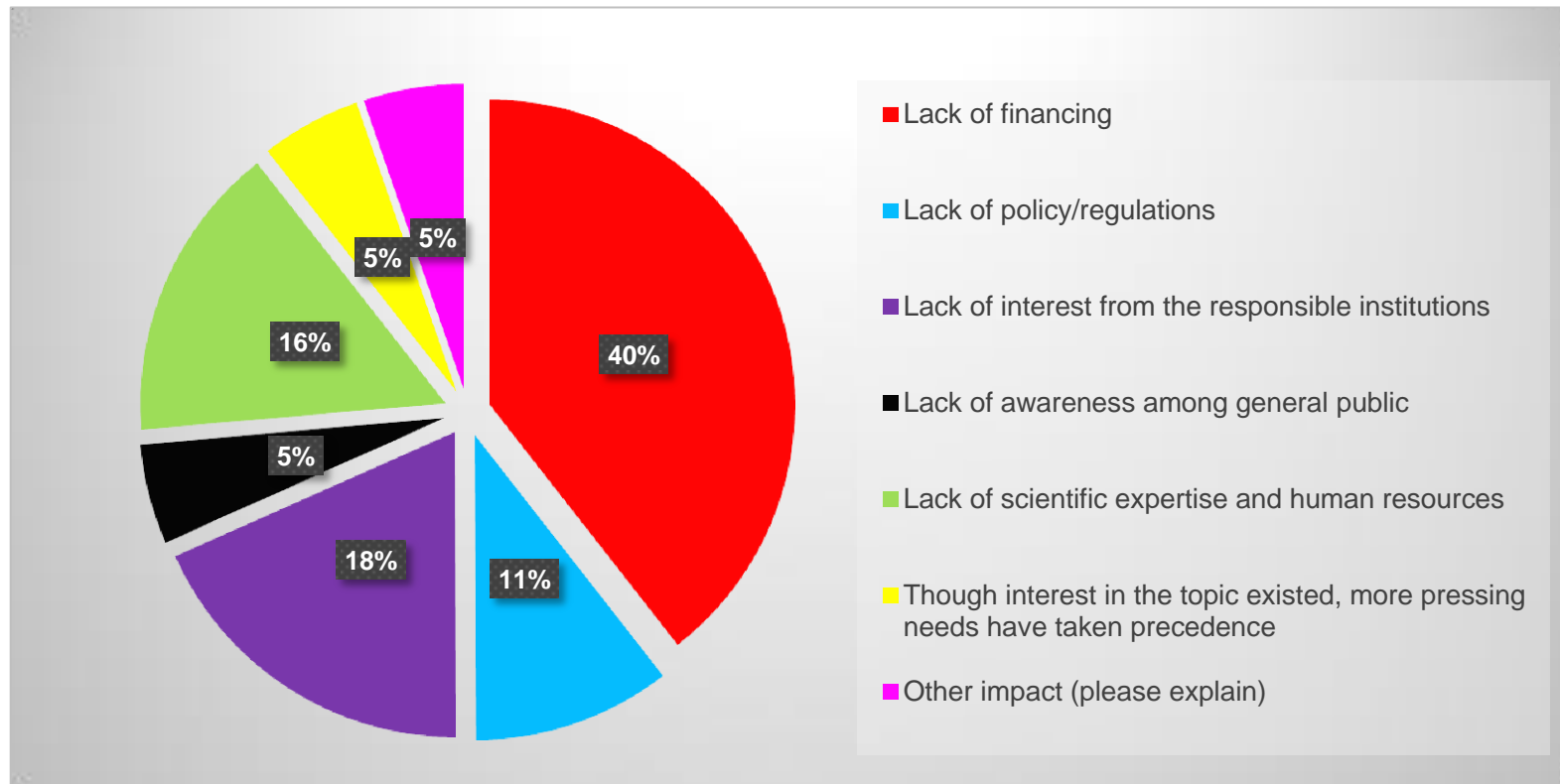
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Involvement of the following entities/actors important for the study/research/dissemination of climate change impacts on transport



# Key findings: Assessment

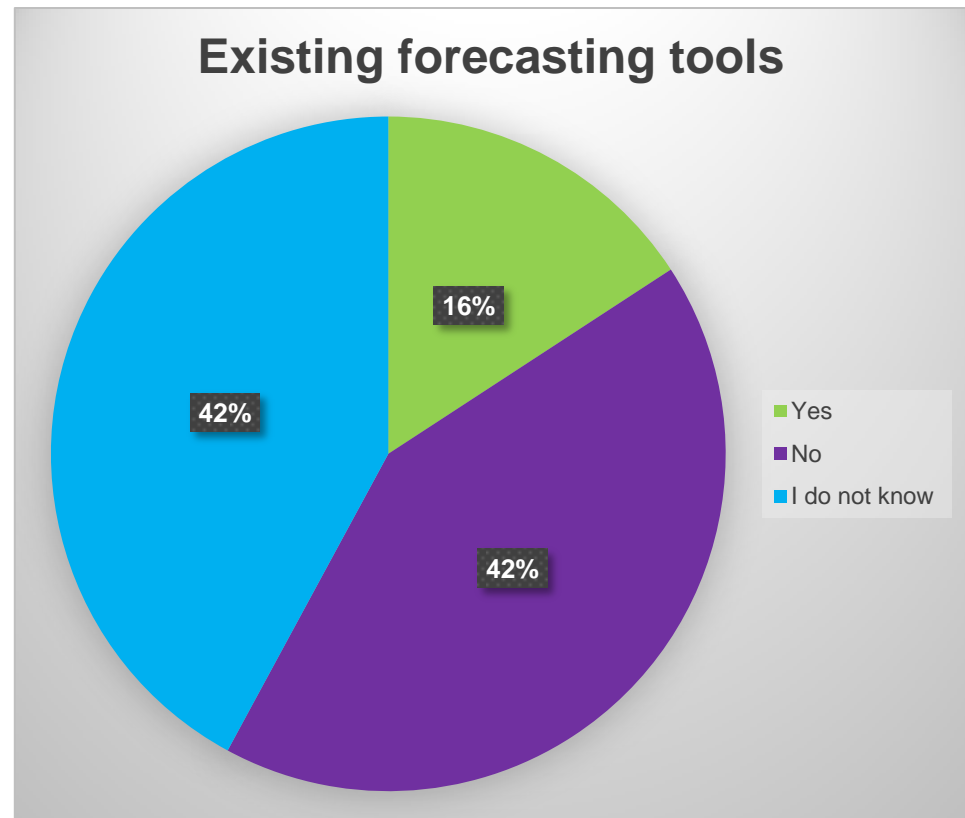
## Reasons for little or no study of climate change impacts on transport



## Methodology know-how

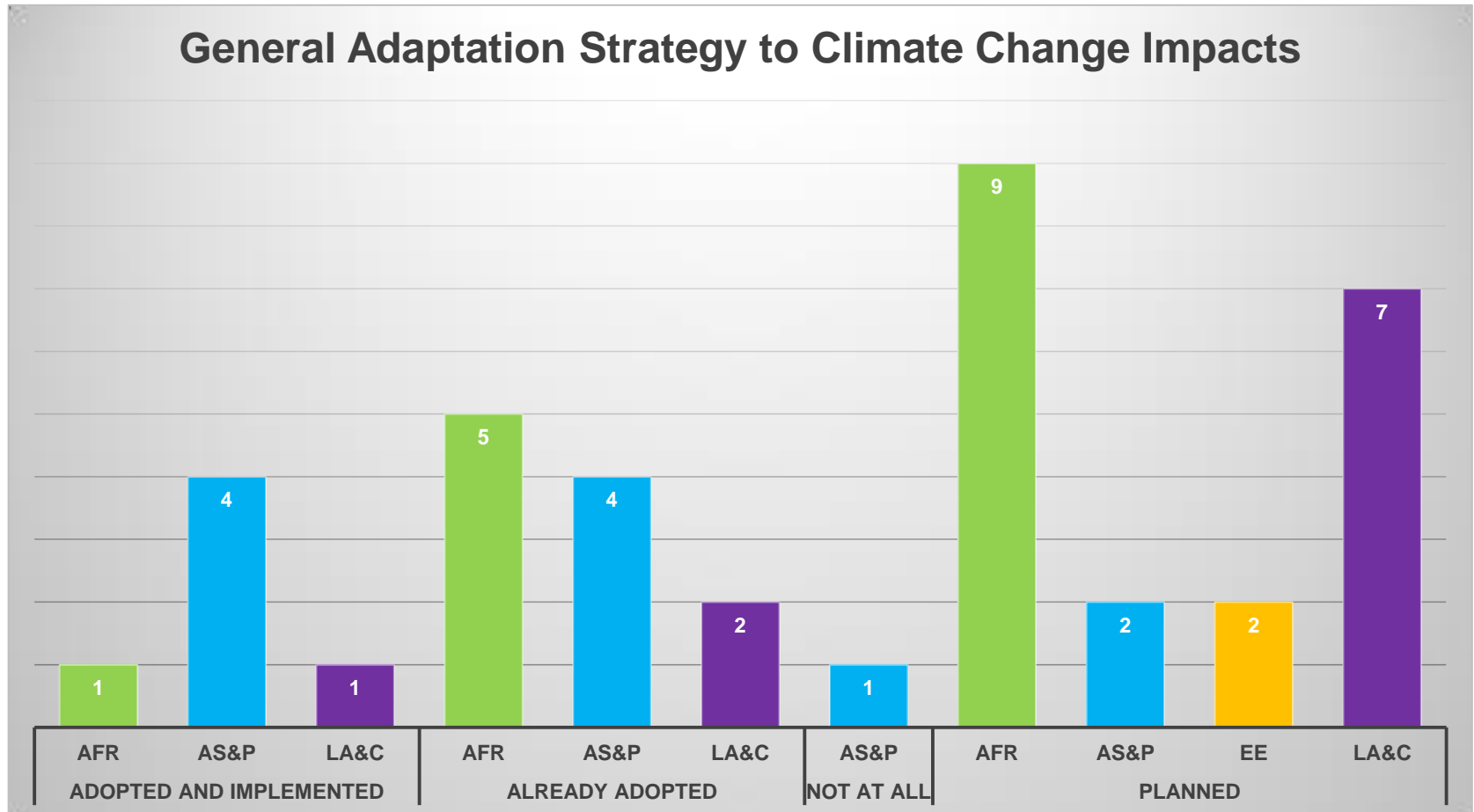
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Knowledge of operational models/software tools that are used for the prediction of weather-related risks to transport infrastructure (e.g. forecasting storm surge impacts on ports or flood plain inundation) **are not known** by majority of the respondent



# Planning

Most countries **have adopted or are planning** to adopt general adaptation strategies to climate change impacts

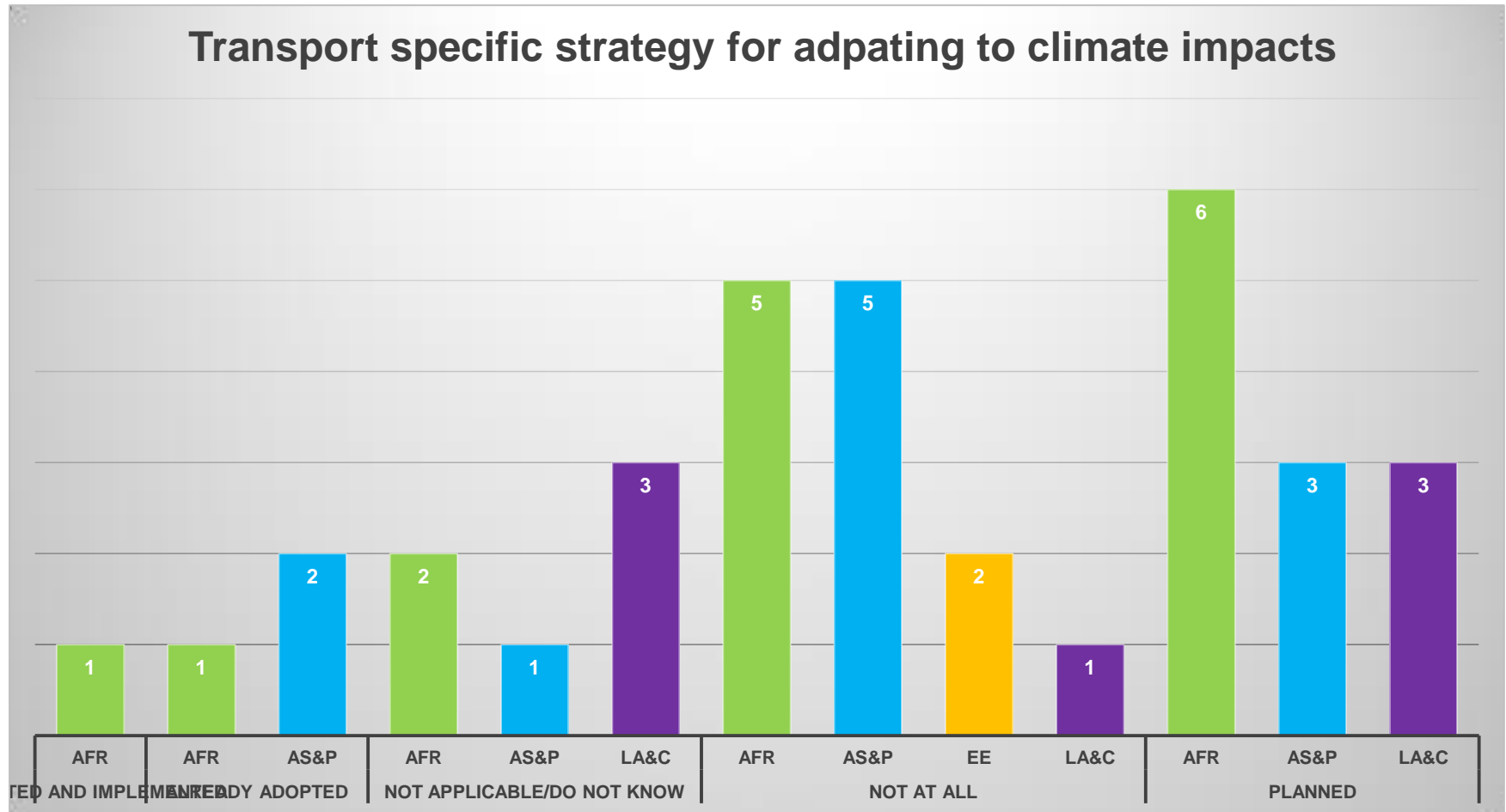




# Planning

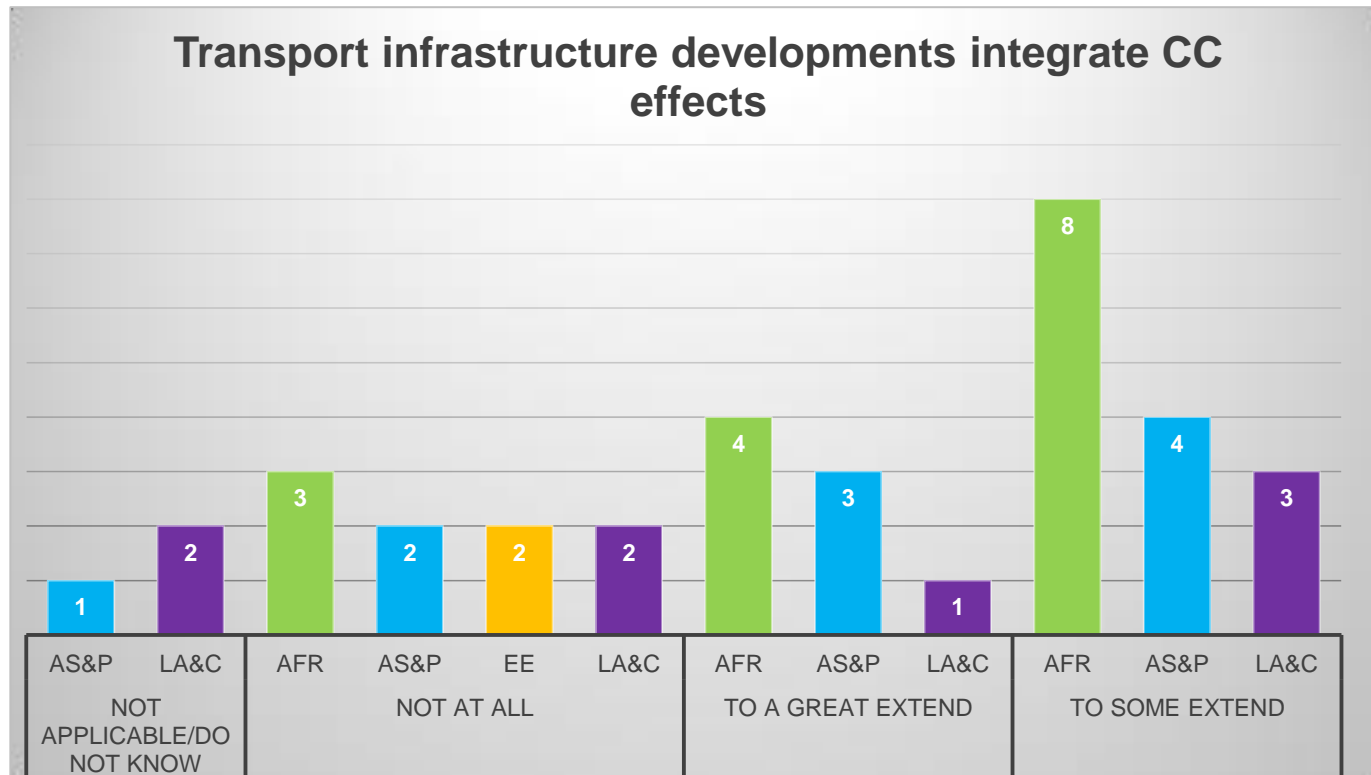
Few countries have planned **transport specific strategy** for adapting to climate impacts

## Transport specific strategy for adapting to climate impacts



# Planning

Many countries **do take into account climate change effects** when planning new transport infrastructure developments.



## Future work area

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Specific priority areas that require further attention to enable effective adaptation strategies in transport and that are tailored for your local conditions

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Airports Vulnerability Capacity Building Legislation  
Road Impacts Transport Strategy  
Climate Change Warning Country National



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## Contacts

*Thank you*

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