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ANNEX

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to the

COMMUNICATION FROM THE COMMISSION TO THE EUROPEAN PARLIAMENT, THE COUNCIL, THE EUROPEAN ECONOMIC AND SOCIAL COMMITTEE AND THE COMMITTEE OF THE REGIONS

Sustainable and Smart Mobility Strategy – putting European transport on track for the future

{SWD(2020) 331 final}

ACTION PLAN [1]

SUSTAINABLE MOBILITY	
FLAGSHIP 1 - BOOSTING UPTAKE OF ZERO-EMISSION VEHICLES, RENEWABLE & LOW-CARBON FUELS AND RELATED INFRASTRUCTURE	
1. Revision of the recast Renewable Energy Directive	2021
2. Adopt relevant implementing legislation under the recast Renewable Energy Directive setting out methodologies for measuring GHG emissions savings and promotion of renewable and low-carbon fuels	2021
3. Revision of the CO_2 emission performance standards for cars and vans, for lorries and put in place CO_2 emission performance standards for buses	2021-2022
4. Revision of the Weights and Dimensions Directive	2022
5. Explore the benefits of retrofitting and renewal schemes in various transport modes	2021
6. Propose post-Euro 6/VI emission standards for cars, vans, lorries and buses	2021
7. Improve emissions testing in roadworthiness checks	2023
8. Develop coherent rules for environmental, energy and safety performance of tyres	2023
9. Foster development of energy efficiency and alternative fuel measures at IMO	2021
10. Revision of the Alternative Fuels Infrastructure Directive[2] and a roll-out plan with funding opportunities and requirements	2021
11. Revision of the Energy Performance of Buildings Directive including enhanced provisions on charging infrastructure for e-mobility	2021
FLAGSHIP 2 - CREATING ZERO-EMISSION AIRPORTS AND PORTS	
12. Launch FuelEU Maritime – Green European Maritime Space[3] and ReFuelEU Aviation – Sustainable Aviation Fuels	2021
13. Consider to establish the Renewable and Low-Carbon Fuels Value Chain Alliance[4]	2021
14. Revision of the Ship-source pollution Directive	2022
15. Revision of the EU Ship Recycling Regulation[5]	2023
16. Revision of the Airport Slots Regulation[6] and the Airport Charges Directive[7]	2021-2022
17. Establish sustainable taxonomy criteria for all modes[8]	2021
FLAGSHIP 3 - MAKING INTERURBAN AND URBAN MOBILITY MORE SUSTAINABLE AND HEALTHY	
18. EU 2021 Rail Corridor Initiative - Action Plan to boost passenger rail transport	2021
19. Put in place measures to better manage and coordinate international rail traffic, including if necessary through revised rules for capacity allocation and infrastructure charging in rail[9]	2022
20. Revision of the Urban Mobility Package of 2013	2021
21. Zero pollution action plan for air, water and soil; revision of air quality standards and reduction of noise pollution	2021; 2022
22. Issue guidelines to support the safe use of micromobility devices	2021

[1] Unless otherwise indicated, the Action Plan lists Commission initiatives.
[2] This action has relevant aspects for flagship 2 in particular.
[3] This action has relevant aspects for flagship 1 in particular.
[4] This action has relevant aspects for flagship 1 in particular.
[5] This action has relevant aspects for flagship 10 in particular.
[6] This action has relevant aspects for flagship 5 in particular.
[7] This action has relevant aspects for flagship 5 in particular.
[8] This action has relevant aspects for flagship 1 in particular.
[9] This action has relevant aspects for flagship 4 in particular.

23. Assess the need for measures to ensure a level playing field for local, on-demand passenger transport and ride-hailing platforms	2022
FLAGSHIP 4 - GREENING FREIGHT TRANSPORT	
24. EU 2021 Rail Corridor Initiative - Revise the Rail Freight Corridor Regulation	2021
25. Review of the regulatory framework for intermodal transport, including the Combined Transport Directive	2022
26. Launch NAIADES III to exploit the untapped potential of inland waterways transport	2021
27. Enable B2A multimodal data exchange through implementation of the e-FTI Regulation and Maritime Single Window environment	2025
28. Issue guidelines for operators and platforms on informing users about the carbon footprint of their deliveries and on offering sustainable delivery choices[10]	2023
FLAGSHIP 5 - PRICING CARBON AND PROVIDING BETTER INCENTIVES FOR USERS	
29. Revision of the EU Emissions Trading System (ETS), with respect to maritime transport; aviation; and CORSIA[11]	2021
30. Revision of the Energy Taxation Directive[12]	2021
31. Review VAT exemptions for international passenger transport	2022
32. Put forward market-based measures for shipping at IMO	2022
33. Establish EU framework for harmonised measurement of transport and logistics emissions	2022
34. Issue guidelines for operators and platforms to inform passengers about the carbon footprint of their trip and to enable passengers to voluntarily offset it, and for wider use of eco-routing for (in-built) navigation software	2023
35. Development of an environmental label programme for aviation by EASA	2022
SMART MOBILITY	
FLAGSHIP 6 - MAKING CONNECTED AND AUTOMATED MULTIMODAL MOBILITY A REALITY	
36. Revise Delegated Regulation 2015/962 on real time traffic information services to extend geographical coverage and datasets; revise Delegated Regulation 2017/1926 on multimodal travel information services to include mandatory accessibility of new dynamic datasets	2021; 2022
37. Assess the need for regulatory action on rights and duties of multimodal digital service providers and issue a recommendation to ensure public service contracts do not hamper data sharing and support the development of multimodal ticketing services, together with an initiative on ticketing, including rail ticketing	2022
38. Revision of the Directive on Intelligent Transport Systems, including a multimodal ticketing initiative	2021
39. Complete the EU legal framework on the approval of automated vehicles	2021
40. Assess the need for an agency or other body to support safe, smart and sustainable road transport operations[13]	2022
41. Adopt the implementing legislation for the approval of connected and automated vehicles	2021
42. Adopt railway technical standards and specifications package on ERTMS/Control-Command and Signalling (CCS); and develop mandatory deployment plans for automatic train operation, automated traffic management and advanced CCS	2022
43. Revision of the Directive on Harmonised River Information Services	2022
44. Propose measures on electronic documents for inland crew and vessels	2021

[10] This action has relevant aspects for flagship 5 in particular.
[11] The action has relevant aspects for flagship 1-4 in particular.
[12] The action has relevant aspects for flagship 1-4 in particular.
[13] This action has relevant aspects for flagship 10 in particular.

FLAGSHIP 7 - INNOVATION, DATA AND AI FOR SMART MOBILITY	
45. Develop/renew R&I partnerships: Connected, cooperative and automated mobility; Shift2Rail; SESAR; Waterborne; Clean Aviation; Clean Hydrogen Partnership; Smart Networks and Services; AI, Data and Robotics; and Key Digital Technologies.	2020-2021
46. Further develop the regulatory framework for drones and unmanned aircraft, including U-Space; adopt a Drone Strategy 2.0	2021-2023; 2022
47. Assess the need for regulatory actions to ensure safety and security of new entrants and new technologies, such as hyperloop	2021
48. Set up a high-level group ('New Mobility Tech Group') as a first step toward the development of a coherent EU approach and a set of recommendations on facilitating testing and trials of emerging mobility technologies and solutions in the EU ('European Mobility Test Beds')	2022
49. Develop a common European mobility data space and establish a stronger coordination mechanism for the national access points established under the ITS Directive	2021
50. Set out an AI roadmap for mobility	2021
51. Review the regulatory framework for interoperable data sharing in rail transport (ERTMS, rail telematics applications)	2022
52. Review the current EU type approval legislation to facilitate car data-based services including interaction with energy system	2021
53. Propose a new regulatory framework to open up access to car data to mobility services	2021
54. Propose rules on a trusted environment for corridor data exchange to support collaborative logistics	2022
RESILIENT MOBILITY	
FLAGSHIP 8 - REINFORCING THE SINGLE MARKET	
55. Revision of the Regulation on the Trans-European Transport Network (TEN-T)[14]	2021
56. Assess the impacts of the COVID-19 pandemic on connectivity and competition in the market, and propose follow-up measures as appropriate	2021-22
57. Review the transport relevant State aid rules	2023
58. Prepare crisis contingency plan(s) for the transport sector, including health-safety and operational measures and setting out essential transport services	2021-2023
59. Revision of the Air Services Regulation	2021-22
60. Propose measures to encourage cross-border car rentals	2022
61. Guidance on climate proofing of transport infrastructure, networks and systems	2021
FLAGSHIP 9 - MAKING MOBILITY FAIR AND JUST FOR ALL	
62. Review of the interpretative guidelines on the Land PSO Regulation; revise rules on air PSOs; and provide guidance on freight PSOs	2021; 2022; 2023
63. Review of the passenger rights regulatory framework, including to ensure its resilience to extensive travel disruptions, and including options for multimodal tickets[15]	2021-2022
64. Assess the options and propose, if appropriate, an adequate financial protection scheme to protect passengers against the risk of a liquidity crisis or an insolvency regarding the reimbursement of tickets and if needed their repatriation.	2021-2022
65. Revision of the Code of Conduct for computerised reservation systems	2021-2022
66. Assess the need for a proposal to require efficient exchange of odometer readings across the EU	2021

[14] This action has relevant aspects for flagships 1-4 in particular.
[15] This action has relevant aspects for flagship 6 in particular.

67. Revision of the Directive on the certification of train drivers	2022
68. Launch initiatives to enhance living and working conditions for seafarers (including the revision of the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers at the IMO)	2021
69. Issue recommendations for the transition to automation and digitalisation and their impact on the transport workforce	2023
70. Launch initiatives to increase the attractiveness of the transport sector	2021-2023
FLAGSHIP 10 - ENHANCING TRANSPORT SAFETY AND SECURITY	
71. Revision of the Directive on cross-border enforcement of traffic rules	2021-2022
72. Revision of the Driving Licence Directive to address technological innovation[16], including digital driving licences	2022
73. Consider new guidance on issues such as the maximum permitted blood alcohol content for drivers of motorised vehicles and on the use of alcohol interlocks	2022
74. Assess the need to propose rules for auditing, inspecting and reporting on infrastructure quality for bridges or other sensitive infrastructure	2023
75. Adapt the eCall legal framework to new telecommunication technologies; consider the extension of eCall to powered two wheelers, trucks, buses and agricultural tractors	2021; 2022
76. Revision of the maritime safety framework (Directives on flag state responsibilities, port state control and accident investigation)	2021
77. Revise the mandate of the European Maritime Safety Agency	2022
78. Propose EU manning requirements for inland navigation	2023-2024
79. Consider setting up an EU rapid alert mechanism for security, including cyber threats	2022
80. Explore the need to adapt existing rules to address cyber risks and insider threats, in line of the toolbox on 5G cybersecurity	2022
81. Improve security for passenger rail travel by implementing the results of the action plan on rail security and the Rail Passenger Security Platform	2022
82. Establish a scheme under the cybersecurity certification framework for automated vehicles	2023

[16] This action has relevant aspects for flagship 6 in particular.