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Smart, Green and Integrated Transport

This Challenge aims to boost the competitiveness of the European transport industries and achieve a European transport system that is resource-efficient, climate-and-environmentally-friendly, safe and seamless for the benefit of all citizens, the economy and society.



The Transport Challenge is allocated a budget of €6 339 million for the period 2014-2020 and will contribute to four key objectives, each supported by specific activities.

Horizon 2020 will provide funding for a **resource efficient transport that respects the environment** by making aircraft, vehicles and vessels cleaner and quieter to minimise transport's systems' impact on climate and the environment, by developing smart equipment, infrastructures and services and by improving transport and mobility in urban areas.

Horizon 2020 also aims at a **better mobility, less congestion, more safety and security** with a substantial reduction of traffic congestion; with a substantial improvement in the mobility of people and freight; by developing new concepts of freight transport and logistics and by reducing accident rates, fatalities and casualties and improving security.

Horizon 2020 supports a **global leadership for the European transport industry** by reinforcing the competitiveness and performance of European transport manufacturing industries and related services including logistic processes and retain areas of European leadership (e.g. such as aeronautics).

Horizon 2020 targets a **socio-economic and behavioural research and forward looking**

activities for policy making. The aim is to support improved policy making which is necessary to promote innovation and meet the challenges raised by transport and the societal needs related to it.

These activities are addressed in this Work Programme by three Calls for proposals:

1. **Mobility for Growth**
2. **Automated Road Transport**
3. **Small Business and Fast Track Innovation for Transport**

In addition to the three Calls for proposal, other actions will be implemented by calls for tenders or by other instruments ('**Other actions**'). These actions are part of the Transport Challenge envelope and complement the content of the three Calls.

NEW!

The revision of the Work Programme for **2019** presents a novelty with the **new cross-cutting Call “[Building a Low-Carbon, Climate Resilient Future: Next-Generation Batteries](#) [1]”**, which brings together research and innovation efforts on the next generations of batteries from various parts of Horizon 2020. The Transport Challenge contributes with dedicated topics on batteries for electro mobility.

[Work Programme 2018 - 2020](#) [2]

[Work Programme 2016 - 2017](#) [3]

[Work Programme 2014 - 2015](#) [4]

Links:

[Council Decision establishing the Specific Programme implementing Horizon 2020](#) [5]

[DG Research & Innovation - Transport](#) [6]

[DG Mobility & Transport](#) [7]

[INEA - Innovation & Networks Executive Agency](#) [8]

[EASME - Executive Agency for SMEs](#) [9]

[TRIP - Transport Research & Innovation Portal](#) [10]

Source URL: <https://ec.europa.eu/programmes/horizon2020/en/h2020-section/smart-green-and-integrated-transport>

Links

[1] http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-cc-activities_en.pdf

[2] http://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-transport_en.pdf

[3] http://ec.europa.eu/research/participants/data/ref/h2020/wp/2016_2017/main/h2020-wp1617-transport_en.pdf

[4] http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-transport_en.pdf

[5] http://ec.europa.eu/research/horizon2020/pdf/proposals/proposal_for_a_council_decision_establishing_the_specific_programme_implementing_horizon_2020_-_the_framework_programme_for_research_and_innovation_%282014-2020%29.pdf#view=fit&pagemode=none

[6] http://ec.europa.eu/research/transport/index_en.htm

[7] http://ec.europa.eu/transport/index_en.htm

[8] <https://ec.europa.eu/inea/en/welcome-innovation-networks-executive-agency>

[9] <https://ec.europa.eu/easme/>

[10] <http://www.transport-research.info/>