

European transport research in *Horizon 2020*

What is *Horizon 2020*?

Horizon 2020 is the European Commission's proposal to generate ideas, growth and jobs through the world's largest collaborative programme for research and innovation (2014-2020).

The programme focuses on three main objectives:

1. tackling **societal challenges** (41% of the budget)
2. spurring **scientific excellence** (32% of the budget)
3. maintaining **industrial competitiveness** (23% of the budget)

Highlights of *Horizon 2020*

More

There will be more money for research and innovation: €88 billion (current prices), an increase of 45%.

Wider

The scope of the programme will range from basic research to close-to-market innovation.

In addition to the collaborative research familiar to us from the Framework Programmes, we will introduce new measures, such as inducement prizes (to spur breakthroughs), improved access to risk finance and procurement rules that favour innovation.

Simpler

Horizon 2020 provides a single umbrella covering all European research and innovation activities. As a result, applicants and participants will deal with fewer, more-flexible and more user-friendly funding schemes. For example, there will be a single funding rate of up to 100% for research activities, one of up to 70% for innovation activities and a 20% flat rate to cover indirect costs.

Together

Horizon 2020 will continue to work closely together with the Member States, coordinating national programmes and leveraging national investment in research and innovation.

Cooperation with other stakeholders will continue in Joint Technology Initiatives and public-private partnerships. European Innovation Partnerships are taking this collaborative approach one step further, tackling societal challenges through intensive pan-European cooperation.

Transport research in *Horizon 2020*

The proposed budget for transport research is **€ 7.7 billion**, which is the equivalent of 9% of the total *Horizon 2020* budget, with 23% of the budget being reserved for tackling societal challenges.

We strive for a **balanced approach** that takes into account the specifics of each mode (rail, road, waterborne and air transport) while remaining holistic; an approach which reconciles competitiveness with sustainability and which invests both in technology and in relevant socio-economic research.

The four main priorities for transport research under *Horizon 2020* are:

1. Making transport more **sustainable**: resource-efficient transport that respects the environment
2. Making transport and transport systems **seamless**: better mobility, less congestion, greater safety and security
3. Keeping transport **competitive**: the European transport industry as a global leader
4. Making transport research **responsive**: socio-economic research and forward-looking activities for policy-making



The **full proposal for transport** can be found from page 65 of the *Proposal for a Council Decision establishing the Specific Programme implementing Horizon 2020*

<http://tiny.cc/diu7ew>

Important dates

Ongoing	Negotiations of <i>Horizon 2020</i> and of the total EU budget (2014-2020) by the European Parliament and the European Council
Mid-2012	Final calls FP7 , for research to bridge the gap until <i>Horizon 2020</i> is in place
Mid-2013	Adoption of legislative acts by the European Parliament and the European Council of <i>Horizon 2020</i>
1 January 2014	<i>Horizon 2020</i> starts , launch of first calls

More information



Horizon 2020 online <http://ec.europa.eu/research/horizon2020>



EU transport research online <http://ec.europa.eu/research/transport>