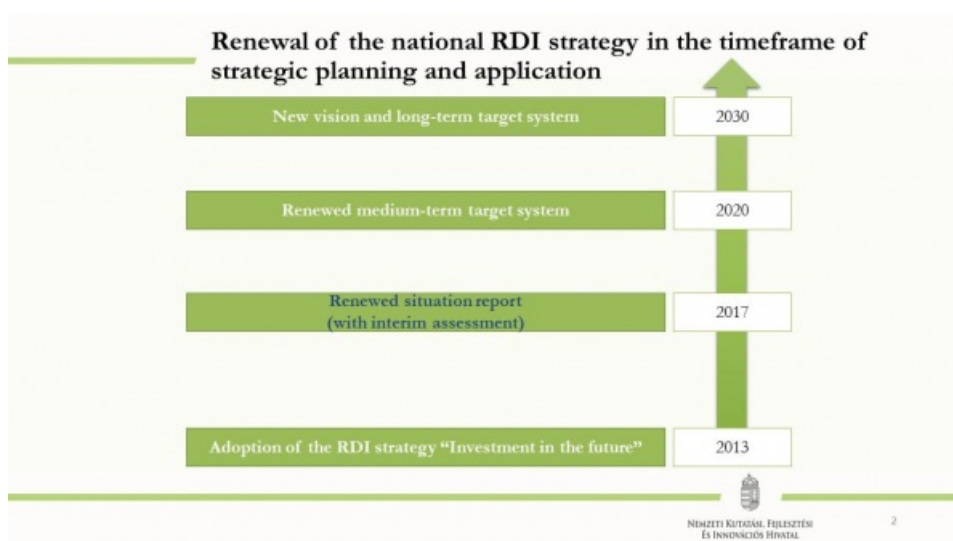
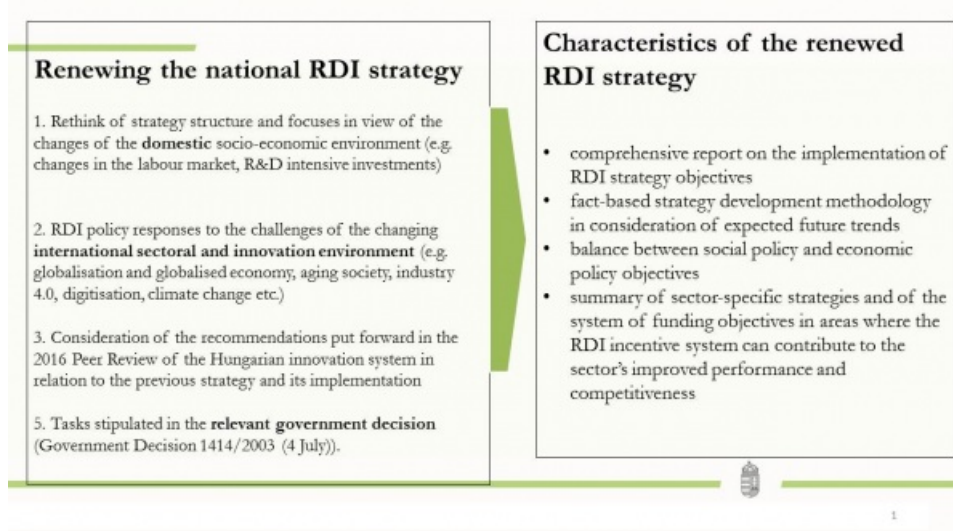


# RDI scenario analysis and vision: updating the national RDI strategy

As the agency responsible for renewing the national RDI strategy, which determines the domestic RDI vision, the National Research, Development and Innovation Office collaborates with the competent ministries and the stakeholders of the domestic RDI system to assess, in compliance with the provisions of the relevant Government Decision, the domestic and international trends that have emerged since the adoption of the document in 2013, the impact they have on the implementation of the objectives and further instruments that could help to improve the competitiveness of RDI activities.

## Objectives of renewing the national RDI strategy



## Renewal of the national RDI strategy with the involvement of the domestic and international community of experts

The strategy is being renewed with the broad participation of many domestic and international experts.

The work is partly based on the [Peer Review of the Hungarian research and innovation system created in 2016](#) by a panel of international experts in the framework of the Policy Support Facility set up by the Directorate-General for Research & Innovation of the European Commission under the H2020 programme.

The renewal process is supervised by the RDI Strategy Advisory Board established in May 2017 (the members are listed at the end of the article).

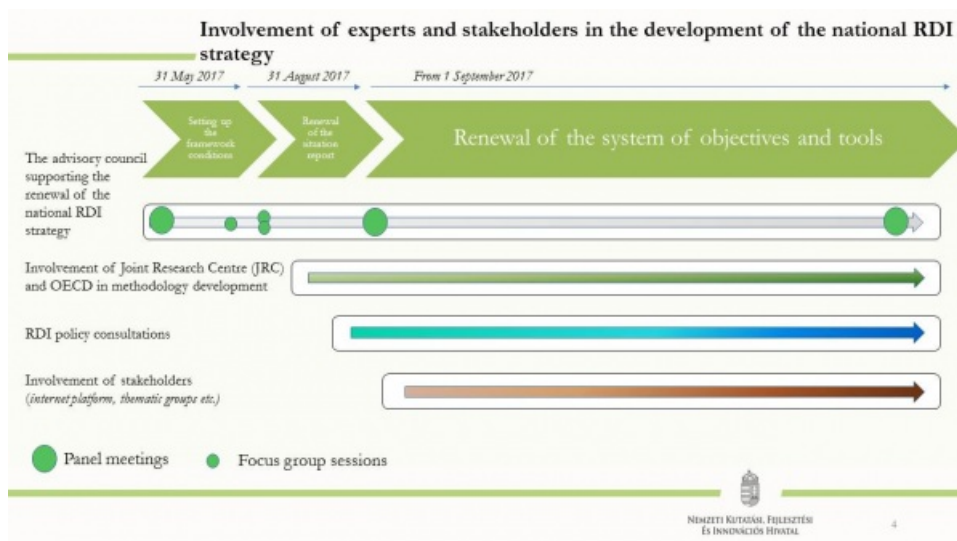
Presentation to download: [The process and methodology of renewing the national RDI strategy](#) PDF (187 KB)

When appointing the members of the advisory board, it was an important aspect to have a balanced representation of the different stakeholders of the RDI system. Thus, the members are all outstanding representatives of the academia, the corporate sector (including large enterprises and sized) and the knowledge transfer sector in Hungary.

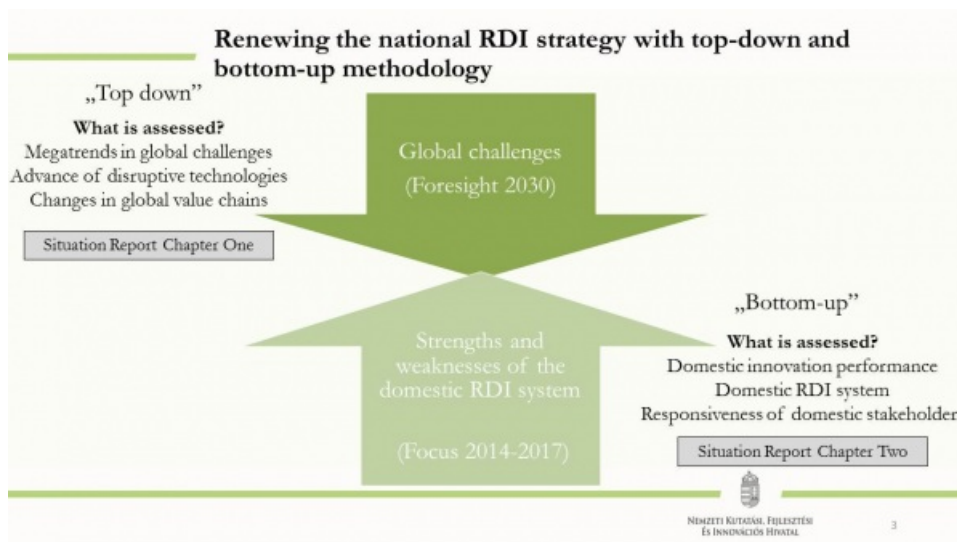
The advisory board discusses issues of strategic importance at thematic meetings, and assess the conclusions of the situation report, the related problems, weaknesses and best practices in focus group sessions. Focus groups topics cover all major areas of domestic research, development and innovation, including researcher recruitment, corporate motivation, research infrastructures, cooperation between public research centres and businesses, and the funding of excellence.

In autumn 2017 the NRD Office consults professional matters with a wide range of domestic RDI stakeholders, researchers, representatives of companies and innovative businesses, higher education institutions, leaders of academic research centres, as well as the experts and decision makers of sectoral alliances, chambers, local governments and other organisations.

The NRD Office has also invited feedback and recommendations from a wide range of stakeholders about the potentials of the domestic RDI system and the strategic directions of the funding system. The strategic recommendations will be discussed and commented on by the Government's experts in charge of RDI.



In renewing the strategy the NRD Office's experts apply both a top-down and a bottom-up approach. In addition to analysing the changes and trends observed between 2013 and 2017, the situation analysis will pay special attention to international processes, such as megatrends in global challenges and the advance of disruptive technologies which have a massive impact on existing markets.



The work is partly based on the [Peer Review of the Hungarian research and innovation system created in 2016](#) by a panel of international experts in the framework of the Policy Support Facility set up by the Directorate-General for Research & Innovation of the European Commission under the H2020 programme.

In late May 2017, the experts working on the renewal of the national RDI strategy determined the qualitative and methodological requirements of the strategy, relying on the conclusions of the Peer Review and on **benchmarking results assessing the RDI strategies of nine countries**.

The work is characterised by regular consultations with the experts of the Joint Research Centre [Joint Research Centre](#) (JRC), which is the scientific service provider agency of the European Commission and the EU's reference institution for

science and technology.

Expected to be finished at the end of 2017, the report will cover the impacts of international RDI trends, as well as the possible ways to improve the competitiveness of RDI activities to implement the strategic objectives. After discussing the working document of the situation analysis, the next step will be the renewal of the strategy's target system and the supervision of the set of RDI policy tools in collaboration with the international experts and based on the feedback of domestic stakeholders.

**The advisory board supporting the renewal of the national RDI strategy**

László Bacsa	Director	Technology and Knowledge Transfer Office, Budapest University of Technology and Economics
Tamás Bíró	Professor	Medical and Health Science Centre, University of Debrecen
Charaf Hassan	Professor	Faculty of Electrical Engineering and Informatics, Budapest University of Technology and Economics
Tibor Czigány	Professor	Faculty of Mechanical Engineering, Budapest University of Technology and Economics
Péter Domokos	Researcher Professor	Wigner Research Centre for Physics, Hungarian Academy of Sciences
Tibor Dőry	Associate Professor	Kautz Gyula Economics Faculty, Széchenyi István University
Zsolt Fülöp	Researcher Professor	Institute for Nuclear Research, Hungarian Academy of Sciences
Gábor Frischmann	Vice President	Hungarian Association for Innovation
István Greiner	Director for Research	Richter Gedeon Nyrt.
Anikó Juhász	Director-General	Research Institute for Agricultural Economics
Imre Kacskovics	Professor	Faculty of Science, Eötvös Loránd University
Gyöngyvér Lenkeyné Bíró	Director of Division	Bay Zoltán Applied Research Nonprofit Ltd., Engineering Division
Gábor Makara	Researcher Professor	Institute of Experimental Medicine, Hungarian Academy of Sciences
Balázs Marczis	Electrical Drives Engineering Director	Robert Bosch Ltd.
Károly Mike	Associate Professor	Faculty of Economics, Corvinus University of Budapest
Balázs Muraközy	Research Fellow	Centre for Economic and Regional Studies, Hungarian Academy of Sciences.
András Perczel	Professor	Faculty of Science, Eötvös Loránd University
Tamás Rudas	Professor	Institute of Empirical Studies, Eötvös Loránd University
Gergely Tardos	Senior Analyst	OTP Bank Nyrt.
Artúr Therneszt	Chief Executive Officer	ÁMEI - Minőségellenőrző Zrt.