

Profile of National Technology Platform

1.

Logo	TP name	Contact person (coordinator)
Graphic Standards' Book is under development.	Automotive Scientific and Technology Platform	László Nádai, PhD

2. Coordinating institution (name, address, contact):

Association of the Hungarian Automotive Industry
H-1119 Budapest, Major utca 69.
<http://www.gepjarmuipar.hu>

3. Technical objectives:

The strategic goal of the Automotive Scientific and Technology Platform is the execution of an ambitious and at the same time realistic Strategic Research Plan by a professional body including well-known representatives of the automotive industry. This plan supports the realization of the aims of the European Union and Hungarian policies of the sector, includes the innovation activities operating in this field isolated at this moment, organizes the technology and market oriented implementation of the research results supporting the sustainable growth and the improvement of the quality of life.

4. Relevance to national economy:

The automotive industry, vehicle production (spare parts manufacturing and assembling) is one of the most important sectors of the Hungarian industry in 2006 according to the data of the Central Statistics Office giving 16,6% of the whole industrial production. This sector had been preceded only by the electrical and appliance manufacturing sector (27,5%), and representing the same level as the chemical industry at the same time precedes such considerable sectors like food industry (10,2%). Not only on the basis of the importance but with respect to the growth rate of 126% (comparing to 2006) the automotive industry can be taken into consideration as the most dynamically increasing industrial sector. The automotive industry is very important with respect to export, giving 24,9% of the whole industrial export. This had been preceded only by the electrical and appliance manufacturing (36,9%) and among the most considerable sectors, the export volume has been increasing at the highest extent in the automotive sector. The national economical significance of the automotive industry is important not only because of the industrial production but also because of the employment since the Hungarian automotive industry employs almost 100.000 people through 350 companies.

5. Sectors within the TP:

TEÁOR 34	Manufacturing road vehicles
TEÁOR 50	Vehicle trade
TEÁOR 60.2	Surface transport
TEÁOR 63	Transport complementary activities
TEÁOR 74.13	Market research and public opinion poll
TEÁOR 74.14	Business consulting
TEÁOR 73.1	Technological R&D
TEÁOR 74.3	Technological test and analysis
TEÁOR 80	Education (medium level, high level, adult)
TEÁOR 91.1	Business and professional agencies

6. Manifestation of results of TP*:

New, added-value products and services	Yes
New business models	Yes
New advanced industrial/economic engineering	Yes
New emerging science and technologies	Yes
Transformation of existing R&D and education infrastructure to support world-class R&D activity	Yes

Others:

7. Research and Development activities:

<p>At national level: by establishing the ASTP a new quality of the knowledge concentration will be formed in case the Platform will be established beside the participation of the automotive industrial Regional Knowledge Centers at the Universities: the Advanced Vehicles and Vehicle Control Knowledge Center at BME, the Regional Automotive Knowledge Center at Széchenyi István University, the Transportation Informatics and Telematics Knowledge Center at BMF are also taking part in the work.</p> <p>At international level: During the working out of the Strategic Research Plan of the Platform, we are utilizing our experiences gained via the R&D projects financed by the European Union like SPARC, PEIT, Chauffeur-2 and CVIS projects.</p> <p>Have the TP got Strategic Research Plan?: No</p>
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* Yes/No

8. Stakeholders:

a) Enterprises/companies

1. Industrial:

Ajkai Elektronikai Kft.
AUDI Hungaria Motor Kft.
BPW Hungaria Kft.
DIAMOND ELECTRIC Magyarország Kft.
General Motors Powertrain Magyarország Kft.
HYDRO Alumínium Győr Kft.
KALOPLASZTIK Műanyag és Gumiipari Kft.
KARSAI Műanyagtechnika Holding Rt.
KIRCHOFF Hungaria Kft.
KNORR-BREMSE Fékrendszerek Kft.
KVJ Művek Zrt.
LEAR Corporation Hungary Kft.
Magyar SUZUKI Zrt.
PREC-CAST Öntödei Kft.
Rába Járműipari Holding Nyrt.
REMY Automotive Hungary Kft.
ROBERT BOSCH Elektronikai Kft.
Schefenacker Automotive Parts Ungarn
SCHWARZMÜLLER Járműgyártó és Kereskedelmi Kft.
TAURIL Gumigyártó és Kereskedelmi Kft.
TEMIC Hungary Kft.
VISTEON Hungary Kft.
ZF Hungária Kft.

2. Others:

HUNGEXPO Zrt.
K+F Tanácsadó Központ Kft.

b) Universities:

Budapest University of Technology and Economics
Széchenyi István University, Győr
Budapest Tech Polytechnic Institution

c) Professional organizations (associations, councils):

Association of the Hungarian Automotive Industry
Hungarian Vehicle Importers Association
Hungarian Academy of Engineering

d) Academic research centers:

MTA SZTAKI

e) Research and/or innovation centers:

Advanced Vehicles and Vehicle Control Knowledge Center
Regional University Knowledge Center for Vehicle Industry
Transportation Informatics and Telematics Knowledge Center

f) Policy agencies (national/regional):

Automotive Competitiveness Council

g) Financial institutions:

h) Others:

TÁRKI Social Research Center

9. Geographical localization (map, localization of participants):

West-Transdanubium, Central- Transdanubium, South- Transdanubium, Central-Hungary, North-Hungary, South-Plain

10. Interaction with other Hungarian and foreign TPs:

There is no formal connection yet.

The European counterpart of the Technology Platform is ERTRAC (European Road Transport Research Advisory Council).

11. Interactions with national programs/funds:

Economic Development Operational Program
Transport Operational Program
Social Infrastructure Operational Program
Environment and Energy Operational Program

12. Funding instruments:

NKTH-KPI: NTP_07 tender