

# MACEDONIA

## Country Outline

- GDP: 8.112 mil.euros / - GDP Per capita: 3.930 euros
- Areas of marked S&T specialisations:

## Contact Information

- Name / Position: (Mr/Ms/Dr/Prof) Mr.Bardhyl Tushi / State Adviser /
- Phone no. / e-mail: (+389) 075317328 / [bardhul.tushi@mon.gov.mk](mailto:bardhul.tushi@mon.gov.mk)

National Flag



Introduction: *Please provide a short introduction paragraph of your country by focusing on Science, Technology and Innovation.*

## 1. Policies and Strategies in Science, Technology and Innovation

In October 2012, the Government of the Republic of Macedonia adopted “Innovation Strategy of the Republic of Macedonia, 2012-2020”

The vision of the Strategy is: The innovation strategy will drive competitiveness and economic development based on knowledge and innovation, thereby creating high value employment and prosperity for Macedonian citizens. By 2020, the Republic of Macedonia should have an effective national innovation system, co-created by all stakeholders and open to the world. The government will place research and innovation at the heart of its policies and ensure adequate financial support.

Four strategic objectives are defined:

- Enhance the business sector ‘s
- Propensity to innovate,
- Strengthen human resources for innovation,
- Create a regulatory framework to support innovation

In accordance with the new Law on innovation activity, a new Innovation and Technological Development Fund has been established. The Fund provide give technical assistance to innovative firms through grants, conditional loans, equity investments, and financial assistance for R&D. One of the main tasks of the Fund is to assist in the creation of university spin offs.

## 2. National Programmes and Initiatives

Ministry of Education and Science of the Republic of Macedonia each year adopts National Programme for Research Activities. This Programme supports multilateral and bilateral cooperation in the area of the Research. Based on this Programme Ministry of Education and Science of the Republic of Macedonia finance bilateral projects including bilateral projects with China.

\* List of National Programmes open to the world

Programme Title	Contents
Programme A (website)	<ul style="list-style-type: none"> <li>▪ Cooperation Type: Joint bilateral projects</li> <li>▪ Funding Organisation: Ministry of Education and Science</li> <li>▪ Call Opening/Closing Date: first quarter of the year</li> <li>▪ Participation Qualification: scientific staff PhD</li> <li>▪ Project Duration: 2 years</li> <li>▪ Funding Scale and Funding Scheme:</li> <li>▪ Research Fields: Information technology and automatic, Agriculture, Food and Biotechnology, Environmental protection, New materials and technology, Energy efficient, Seismology and earthquake engineering, Scientific politics,</li> <li>▪ Matching fund from Chinese government</li> <li>▪ Others:</li> </ul>

### 3. Joint Activities with China in 2015

[Description] Announcement the new Call for joint Macedonian-Chinese bilateral scientific research projects for period 2015-2017 at the end of 2015 or at the first half of 2016 year

**Joint Committee meeting** 4th Session of Macedonian-China Scientific and Technological Cooperation Committee it's planning to be held on 2016 in Beijing with representatives of the Ministry of Education and Science of the Republic of Macedonia and Ministry of Science and Technology of People's Republic of China

\* List of Programmes of Activities with China in 2015

Please fill out the table

below.

Programme Title	Contents
Activity A	<ul style="list-style-type: none"> <li>▪ Cooperation between the Ministry of Education and Science of the Republic of Macedonia and the Chinese Scholarship Council in the governmental programme for awarding the scholarships for the students of both sides</li> </ul>
Activity B	<ul style="list-style-type: none"> <li>▪ Cooperation between the Ministry of Education and Science of the Republic of Macedonia and the Ministry of Education of the People's Republic of China – on procedure of harmonising on draft version of the Agreement between the Government of the Republic of Macedonia and the Government of the People's Republic of China on mutual recognition of academic degrees and diplomas in higher education</li> </ul>

### 4. Others

\* Key Research Organisations and Companies

Organisation Name	Detailed information
Organisation 1 (website)	<ul style="list-style-type: none"> <li>▪ <b>Organisation type: Institute of Earthquake Engineering and Engineering Seismology, Skopje</b></li> <li>▪ Major Research Area/Product: Neo-deterministic Seismic Hazard Analysis and Vulnerability Assessment of RC Building Structures Including Soil Flexibility</li> <li>▪ Major Activities with China: joint bilateral scientific research projects</li> </ul>

- Contact Information: prof. Dragi Dojcinovski, email : dragi@pluto.iziis.ukim.edu.mk, prof. Colubka Necevska-Cvetanovska, email :golubka@pluto.iziis.ukim.edu.mk, phone : +38923107701, website :iziis.edu.mk
- **Organisation type: Ss. Cyril and Methodius University, Faculty of Natural Science and Mathematics - Skopje**
- Major Research Area/Product: Changes in pollution status in Guanting Lake – China in light of the global climate changes
- Major Activities with China: joint bilateral scientific research project
- Contact Information: prof. Svetislav Krstic, email :svetakrstic@yahoo.com, phone :+3892249631, website :pmf.ukim.edu.mk
- **Organisation type: Institute of Agriculture - Skopje**
- Major Research Area/Product: Special Species of Agricultural Product Resources and Cereals and Cooperation on Study and Development of Vegetable Resources
- Major Activities with China: joint bilateral scientific research projects
- Contact Information: prof. Gordana Popsimonova, email :g.popsimonova@zeminst.edu.mk, prof. Danica Andreevska, email :danicaandreevska@gmail.com, phone+3893230910, website :zeminst.edu.mk
- **Organisation type: University of Goce Delcev, Faculty of Agriculture- Stip**
- Major Research Area/Product: Study on microbial assistance of soybean excluding heavy metal in contaminated soil
- Major Activities with China: joint bilateral scientific research projects
- Contact Information: prof. Ljupco Mihajlov, email :ljupco.mihajlov@ugd.edu.mk, phone :0038932550602, website :www.ugd.edu.mk
- **Organisation type: Ss. Cyril and Methodius University, Faculty of Mechanical Engineering- Skopje**
- Major Research Area/Product: Mathematical Modeling and Complex Analysis of Linear Motor Drives Applied in highly automated mechatronic systems
- Major Activities with China: joint bilateral scientific research projects
- Contact Information: prof. Zoran Pandilov, email :panza@mf.edu.mk, phone :0038923099200, website :www.mf.edu.mk
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*\* The organisations/companies should be present in China or having active cooperation programmes with China.*