

**EXECUTIVE PROGRAMME FOR SCIENTIFIC AND TECHNOLOGICAL
COOPERATION BETWEEN THE ITALIAN REPUBLIC
AND THE REPUBLIC OF KOREA FOR THE YEARS 2016 – 2018**

**XI Italy – Korea Executive Programme Research Commission
Seoul, Dec 9th 2015**

On the basis of the Agreement on Scientific and Technological Cooperation between the Government of the Italian Republic and the Government of Korean Republic, signed in Rome on February, 3, 1984 and entered into force on the date of the signature, the XI Italy – Korea Executive Programme Research Commission was held in Seoul on Dec 9th 2015 to examine the present state and further development of scientific and technological cooperation between the two Countries and to define the Executive Programme for the years 2016 - 2018.

The Italian delegation was headed by the Ambassador to the Republic of Korea H.E. Marco della Seta, Ministry of Foreign Affairs and International Cooperation. The Korean delegation was headed by Mr. Choi Younghae, Director General for the International Cooperation Bureau, Ministry of Science, ICT and Future Planning (MSIP).

The members of the two delegations are listed in **Annex I**.

The institutions in charge of the co-ordination of the present Executive Programme, hereinafter referred to as the "Parties", are:

For the Italian Party: Ministry of Foreign Affairs and International Cooperation, Directorate General for the Country Promotion (Economy, Culture and Science)

For the Korean Party: Ministry of Science, ICT and Future Planning, International Cooperation Bureau.

The following agenda for this meeting was adopted by the Parties:

1. Review of Scientific and Technological Cooperation between the two Countries
2. New Executive Programme: Joint Research Projects of Particular Relevance
3. Evaluations and comments
4. Final provisions

1. Review of the Scientific and Technological Cooperation between the two Countries

The Parties have agreed to recognize the growing importance of science and technology with respect to the economical, social and cultural relations of the two Countries.

The Parties, considering the good relationships between the two Countries, stressed the need to develop and to promote bilateral cooperation in the field of science and technology.

2. New Executive Programme: Joint Research Projects of Particular Relevance

In the period May, 7th – July, 6th 2015 a joint call for proposals was launched to collect project proposals in the following priority areas:

- Agriculture and Food Science
- Basic Sciences
- Biotechnologies and Health
- Energy and Environment

- Information and Communication Technologies, including Robotics and Automotive
- Nanosciences and Advanced Materials
- Space Sciences.

The criteria adopted in selecting the joint research projects were:

- Scientific relevance of the research project
- Methodology and documentation
- Qualification of the applicants
- Added value of bilateral cooperation
- Added value in addressing industrial/societal challenges
- Exploitation and dissemination of results
- Budget adequacy of the research project.

Pursuant to the criteria referred above, the Parties have selected 6 (six) joint research projects which may receive financial support.

The list of such projects is given in **Annex II**.

Financial support may be granted on a national basis upon evaluation of applications to be submitted according to the guidelines of the relevant authorities of the two Countries.

3. Multilateral Cooperation

The two Parties agreed to cooperate on issues of mutual interest within the framework of multilateral programmes, particularly the European Horizon 2020 Programme.

4. Final provisions

The Parties agreed to hold the next session of the Italy – Korea Executive Programme Research Commission at a convenient time for both parties in 2018.

Details of the next session of the Commission, such as date, agenda, etc. will be agreed upon through diplomatic channels.

This Executive Programme for the period January 1st, 2016 - December 31st 2018 will remain valid until the next Executive Programme comes into force, but no longer than one year after its expiration.

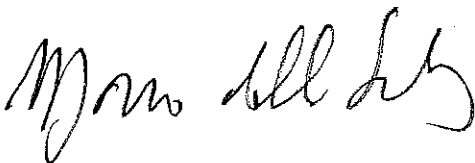
Any amendment to the text of this Executive Programme has to be authorised by the competent Ministries in both Countries and has to be carried out through diplomatic channels.

All initiatives foreseen in this Executive Programme will be carried out within the limits of the budgets and according to the rules prevailing in each Country.

Annexes I and II are attached hereto and are integral parts of the present document.

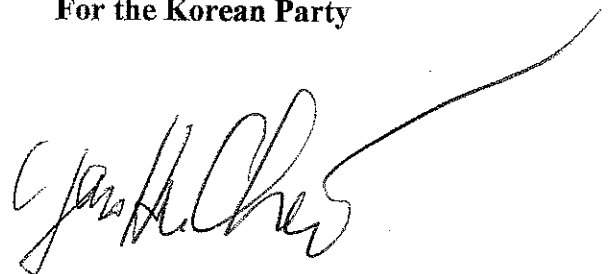
Signed in Seoul, on Dec. 9th 2015, in two originals in the English language, each text being equally authoritative.

For the Italian Party



ITALIAN EMBASSY
3FL, 714 Eonju-ro, Yongsan-Gu
SEOUL, KOREA

For the Korean Party



Dec. 9. 2015

Annex I

Members of the two delegations

ITALIAN DELEGATION	KOREAN DELEGATION
H.E. MARCO DELLA SETA Ambassador, Embassy of Italy to Korea	Mr. Choi Younghae Director General for the International Cooperation Bureau, Ministry of Science, ICT and Future Planning
Dr. Francesco CANGANELLA Head of S&T Office, Embassy of Italy to Korea	Mr. Kim Donghyun Assistant Director for the International Cooperation Bureau, Ministry of Science, ICT and Future Planning
	Mr. Choi WonKeun Manager of Global Cooperation Team, National Research Foundation of Korea
	Miss Hong Jooyeon Interpreter of Ministry of Science, ICT and Future Planning

Annex II

Significant research projects selected within the frame of the Executive Programme of Scientific and Technological Cooperation between the Italian Republic and the Korean Republic for the years 2016-2018

RESEARCH AREA	TITLE	ITALIAN COORDINATOR	KOREAN COORDINATOR
Agriculture and Food	Understanding the roles of brassinosteroid and BAK1 in abiotic stress responses	VAROTTO Serena (Università di Padova)	NAM Kyoung Hee (Sookmyung Women's University)
Basic Sciences	New gaseous detector technologies for science and life	PUGLIESE Gabriella Maria Incorata (Politecnico di Bari)	PARK Sung Keun (Korea University, Dept. of Physics)
Biotechnologies and Health	Synergic modulation of Toll-Like Receptors (TLRs) via small molecule-nanoparticle conjugates: vaccine adjuvants and therapeutics	PERI Francesco (Università degli Studi Milano Bicocca)	HONG Sung You (Ulsan National Institute of Science and Technology - UNIST)
Energy and Environment	Investigation on Earth-abundant electrode materials with high power and long lifetime for Naion batteries	RUFFO Riccardo (Università degli Studi Milano Bicocca)	KIM Do Kyung (Korea Advanced Institute of Science and Technology - KAIST)
ICT, Robotics and Automotive	Joint demosaicking and denoising in digital images	DAMIANI Ernesto (Università di Milano)	JEON Gwang Gil (Incheon National University)
Nanosciences and Advanced Materials	Large-area solar energy harvesting device based on two-dimensional crystals	PELLEGRINI Vittorio (Fondazione Istituto Italiano di Tecnologia - IIT)	LEE Gwan Hyung (Yonsey University)