

**EXECUTIVE PROGRAMME FOR SCIENTIFIC AND TECHNOLOGICAL
COOPERATION BETWEEN THE ITALIAN REPUBLIC
AND THE REPUBLIC OF KOREA
FOR THE YEARS 2013 – 2015**

**Tenth Session of the Italian – Korean Joint Commission
Rome, November 27, 2012**

On the basis of the Agreement on Scientific and Technological Cooperation between the Government of the Italian Republic and the Government of the Republic of Korea, signed in Rome on February 3, 1984 and entered into force on the date of the signature, the Tenth Session of the Italian - Korean Joint Commission was held in Rome on November 27 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 2013 - 2015.

The Italian delegation was headed by Mr. Roberto Cantone, Head of the Unit for Scientific and Technological Cooperation, Directorate General for the Country Promotion (Economy, Culture and Science), Ministry of Foreign Affairs (MOFA).

The Korean delegation was headed by Mr. Jin-Seon Park, Deputy Director General for the International Cooperation Bureau, Ministry of Education, Science & Technology (MEST).

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 as to the "Parties", are:

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

For the Korean Party: Ministry of Education, Science & Technology, International Cooperation Bureau.

The following agenda items of the tenth Joint Commission were 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 meeting commenced with opening remarks and an introduction to the current national R & D policies of each Country.

The Parties have agreed to recognize the growing importance of science and technology with the 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 between May 2 and June 14, 2012 a joint call for proposals was launched to collect project proposals in the following priority areas:

- Agriculture and Food Science (AFS)
- Basic Sciences (BAS)
- Biotechnologies and Health (BTH)
- Energy and Environment (EE)
- Information and Communication Technologies (ICT)
- Nanosciences and Advanced Materials (NSAM)
- Robotic and Automotive (RA)
- Space (SPA)
- Technologies Applied to Cultural and Natural Heritage (ATCH).

The criteria adopted in selecting the joint research projects were:

- | | |
|---|-----|
| - Scientific relevance of the project | 20% |
| - Methodology and documentation | 20% |
| - Qualification of the applicants | 15% |
| - Added value of the bilateral cooperation | 15% |
| - Social and developmental added value
for Italy and Korea | 15% |
| - Exploitation and dissemination of results | 15% |

Pursuant to the criteria referred, the Parties have selected 6 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 the issues of mutual interest within the framework of multilateral programmes, particularly the 7th Framework Programme of the EU and forthcoming Horizon 2020.

4. Final provisions

The Parties agreed to hold the next session of the Joint Commission in the year 2015, in Korea.

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

This Executive Programme for the period January 1, 2013 - December 31, 2015 will remain valid until the coming into force of the next Executive Programme, 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.

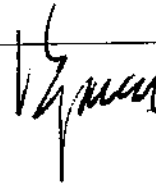
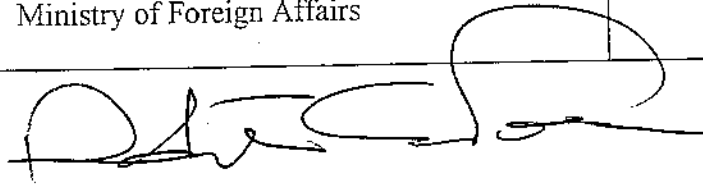
Signed in Rome, on November 27, 2012, in two originals in the English language.

For the Italian Party

For the Korean Party

Mr. Roberto CANTONE
Head of the Unit for Scientific and
Technological Cooperation
Directorate General for the
Country Promotion
Ministry of Foreign Affairs

Mr. Jin-Seon PARK
Deputy Director General
International Cooperation Bureau
Ministry of Education,
Science & Technology



ANNEX I

Members of the two delegations

ITALIAN DELEGATION	KOREAN DELEGATION
<p>Mr. Roberto CANTONE, Head of the Unit for the Scientific and Technological Cooperation Directorate General for Country Promotion Ministry of Foreign Affairs</p>	<p>Mr. Jin-Seon PARK, Deputy Director General of the "International Cooperation Bureau Ministry of Education, Science & Technology</p>
<p>Mr. Federico CINQUEPALMI, Head of the Office for promotion, programming, coordination of the international research and for Space research and policies Direction General for the Internationalization of the Research Ministry of Education, University and Reserach</p>	<p>Mr. Tai-Surp JOE, Senior Deputy Director Global Cooperation Division Ministry of Education, Science & Technology</p>
<p>Mr. Antonino TATA, Scientific Attaché of the Italian Embassy to the Republic of Korea Ministry of Foreign Affairs</p>	<p>Mr. Jun Youl TAE, Counsellor Embassy of the Republic of Korea to Italy</p>
<p>Ms. Alessandra DI PIPPO, Unit for Scientific & Technological Cooperation Ministry of Foreign Affairs</p>	<p>Mr. In-Ho KIM, Director General Center International Affairs National Research Foundation</p>
<p>Ms. Monica PAGANELLI, Unit for Scientific & Technological Cooperation Ministry of Foreign Affairs</p>	<p>Ms. Bo Kyung PARK, American-European Cooperation Team Center for International Affairs National Research Foundation</p>
<p>Mr. Lorenzo GONZO, Unit for Scientific & Technological Cooperation Ministry of Foreign Affairs</p>	<p>Ms. Youngeun JEONG, Interpreter/Translator Global Policy Division Ministry of Education, Science & Technology</p>
<p>Ms. Isabella MAZZIOTTI, Unit for Scientific & Technological Cooperation Ministry of Foreign Affairs</p>	
<p>Ms: Paola MANZIOLI, Office for promotion, programming, coordination of the international research and for Space research and policies Direction General for the Internationalization of the Research Ministry of Education, University and Reserach</p>	

ANNEX II

Significant research projects selected within the frame of the Executive Programme of Scientific and Technological Cooperation between the Italian Republic and the Republic of Korea for the years 2013-2015

RESEARCH AREA	PROJECT TITLE	ITALIAN PARTNER	KOREAN PARTNER
Basic Sciences	Crtc3 and p66shcA as novel nutrient sensors involved in obesity and type-2 diabetes	PANI Giovambattista Catholic University of Sacred Heart	SONG Youngsup Ulsan University
Biotechnologies and Health	Nanovaccination: a new strategy for enhancing antigen-specific immune responses	BORASCHI Diana National Research Council-CNR-ITB	YUN Cheol-Heui Seoul National University
Energy and Environment	New highly innovative membrane operations for CO ₂ separation (capture) at medium and high temperature	BARBIERI Giuseppe National Research Council-CNR-ITM	LEE Young Moo Hanyang University
Energy and Environment	Coupling of climate system components and physical, chemical and biological processes at the interface in the Arctic	VITALE Vito National Research Council -CNR-ISAC	CHOI Taejin Korean Polar Research Institute -KOPRI
Information and Communication Technologies	Memristor based Hybrid Cellular Systems for Neuromorphic Applications	CORINTO Fernando Polytechnic of Turin	MIN Kyeong-Sik Kookmin University
Nanosciences and Advanced Materials	Study on natural nanocellulose-based stimulus responsive hybrid precursors for drug control applications	CAUSIN Valerio Padua University	PARK Byung-Dae Kyungpook National University.