

**EXECUTIVE PROGRAMME FOR SCIENTIFIC AND TECHNOLOGICAL
COOPERATION BETWEEN ITALY AND SWEDEN
FOR THE YEARS 2018-2020**

Within the framework of the Agreement on Cultural, Educational, Scientific and Technological Cooperation between the Republic of Italy and the Kingdom of Sweden, signed in Rome on November 29th, 2001 and came into force on January 23rd 2007, the 3st Session of the Italian-Swedish Joint Commission was held in Stockholm on March 28th 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 2018-2020.

The Italian delegation was headed by H.E. Mario Cospito, Ambassador of Italy to the Kingdom of Sweden, and the Swedish delegation was headed by the Director General Sven Stafström, Vetenskapsrådet. The members of the two delegations are listed in Annex I.

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

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

For the Swedish Party: Ministry of Education and Research.

The following agenda items of the 3st Joint Commission were adopted by the Parties:

1. Review of Scientific and Technological Cooperation between the two Countries
2. New Executive Programme
3. Joint Research Projects of Particular Relevance
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 economic, 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.

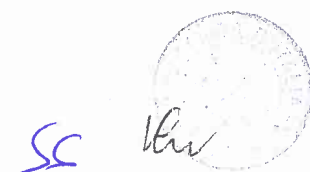
2. New Executive Programme

In the period between June 14th, 2017 and July 20st, 2017 a joint call for proposals was launched in Italy to collect project proposals in the following priority areas:

- Clean energy, Intelligent factory, Cyber security
- Natural hazards
- New technologies for scientific instruments
- Technology and Research applied to Cultural Heritage
- Technology and Research applied to nanoscience
- Technology and Research applied to neuroscience
- Technology and Research applied to oncology.

The criteria adopted in selecting the joint research projects were:

- Scientific relevance and quality
- Methodology and documentation



- Qualification of the applicants
- Added value of the bilateral cooperation
- Social and developmental added value for Italy and Sweden
- Use and dissemination of results
- Budget adequacy.

2.1 Joint Research Projects of Particular Relevance

Pursuant to the above criteria, the Parties selected 8 (eight) 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 within the limits of the annual available financial resources, upon evaluation of applications to be submitted according to the guidelines of the relevant authorities of the two Countries.

3. Final provisions

The Parties agreed to hold the next session of the Joint Commission in the year 2020.

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 years 2018-2020 will remain valid until the coming into force of the next Executive Programme, but no longer than one year after its expiration.


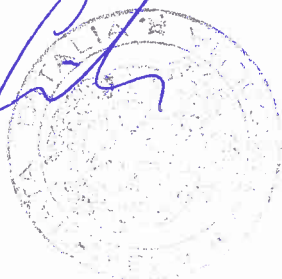
Any amendment to the text of this Executive Programme has to be authorised by the competent Ministries in both Countries and has to be carried out through diplomatic channels.

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 Stockholm, on March 28th, 2018, in two originals in the English language, each text being equally authoritative.

For the Italian Party

For the Swedish Party



 **VETENSKAPSRÅDET**
 SWEDISH RESEARCH COUNCIL

Annex I

Members of the two delegations

Italian delegation

Mario Cospito,
Ambassador of Italy to Sweden

Walter Di Martino,
Deputy Head of Mission,
Italian Embassy in Stockholm

Swedish delegation

Sven Stafström,
Director General

Maria Thuveson,
Head of Research Funding
 Vetenskapsrådet



Annex II
Significant research projects selected within the frame of the Executive Programme of Scientific and Technological Cooperation between Italy and Sweden for the years 2018 - 2020

AREA	TITLE	ITALIAN CO-ORDINATOR	ITALIAN INSTITUTION	SWEDISH CO-ORDINATOR	SWEDISH INSTITUTION
CH	Innovative tools for conservation and monitoring of artworks in concrete by exploiting electrochemical paper-based sensors, functionalized nanomaterials, and modelling INNOCONCRETE	ARDUNI Fabiana	Tor Vergata University - Rome	KERSTI Hermansson	Uppsala University
ENV	Natural hazards in future forests: how to inform climate change adaptation	TOGNETTI Roberto	Molise University	MARSHALL John	Swedish University of Agricultural Sciences -Swansea
ICT	Sustainable bio-fuelled SOFC hybrid plants for zero-emissions dispatchable power generation	FERRARI Mario Luigi	Genova University	KYPRIANIDIS Konstantinos	Mälardalen University, Vasteras
INS	Novel molecular tools for the exploration of the nanoworld	AVALDI Lorenzo	CNR- Italian National Research Council - Rome	CEDERQUIST Henrik	Stockholm University
NEURO	BRAINSAFEDRIVE: A Technology to detect Mental States During Drive for improving the Safety of the road	BABILONI Fabio	La Sapienza University - Rome	MOBYEN Uddin	Mälardalen University – MDH
NEURO	From human brain to stem cell: a new strategy to generate neural stem cell from human adult brain for treatment of neurological disorders.	ELVASSORE Nicola	Padova University	KOKAIA Zaal	Lund University
NS	Effect of hydRoxyapatitE nanoPArticles on bone regeneration In simulated micRogravity (REPAIR)	VISAI Livia	Pavia University	JAMES Peter	Lund University
ONC	Targeting Leukemia by using innovative human Dehydrorotato Dehydrogenase (hDHODH) inhibitors	LOLLI Marco Lucio	Torino University	AL -KARADAGHI Salam	Lund University

Legenda: ICT: Clean Energy, Intelligent Factory, Cyber Security; CH: Technology and Research applied to Cultural Heritage; NH: Natural Hazards; SI: New Technologies for Scientific Instruments; Neuro: Technology and Research applied to Neuroscience; NS: Technology and Research applied to Nanoscience; ONC: Technology and Research applied to Oncology.