



IL CONTRIBUTO DEL CIRPS PER L'INTERNAZIONALIZZAZIONE DEI SISTEMA UNIVERSITARIO NAZIONALE

C. MARGOTTINI

CIRPS

Coordinatore Progetti IUC Campus



STRUTTURA DELLA PRESENTAZIONE

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IL CONTESTO MEDITERRANEO
Overview della formazione universitaria

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RAPPORTI CON L'ITALIA
Accordi di ricerca con i vari Paesi mediterranei

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INTERNAZIONALIZZAZIONE DEL SISTEMA UNIVERSITARIO
Egitto ed Uzbekistan.

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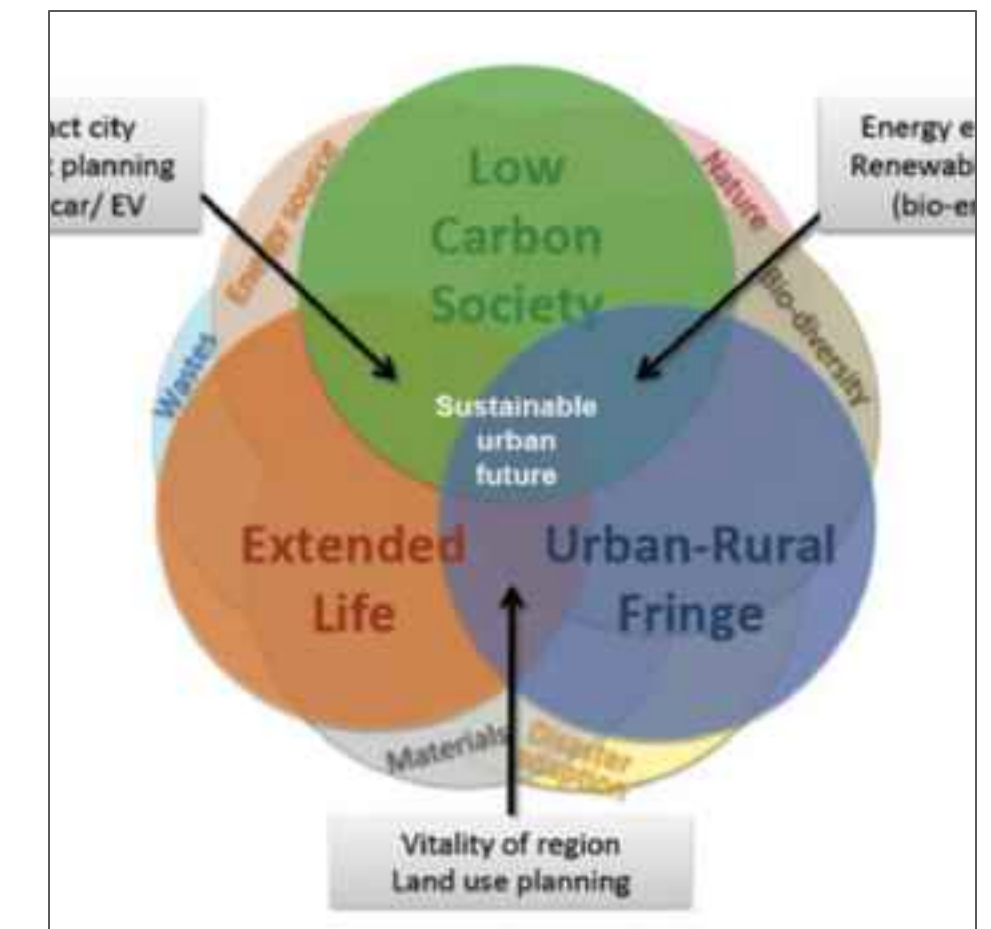
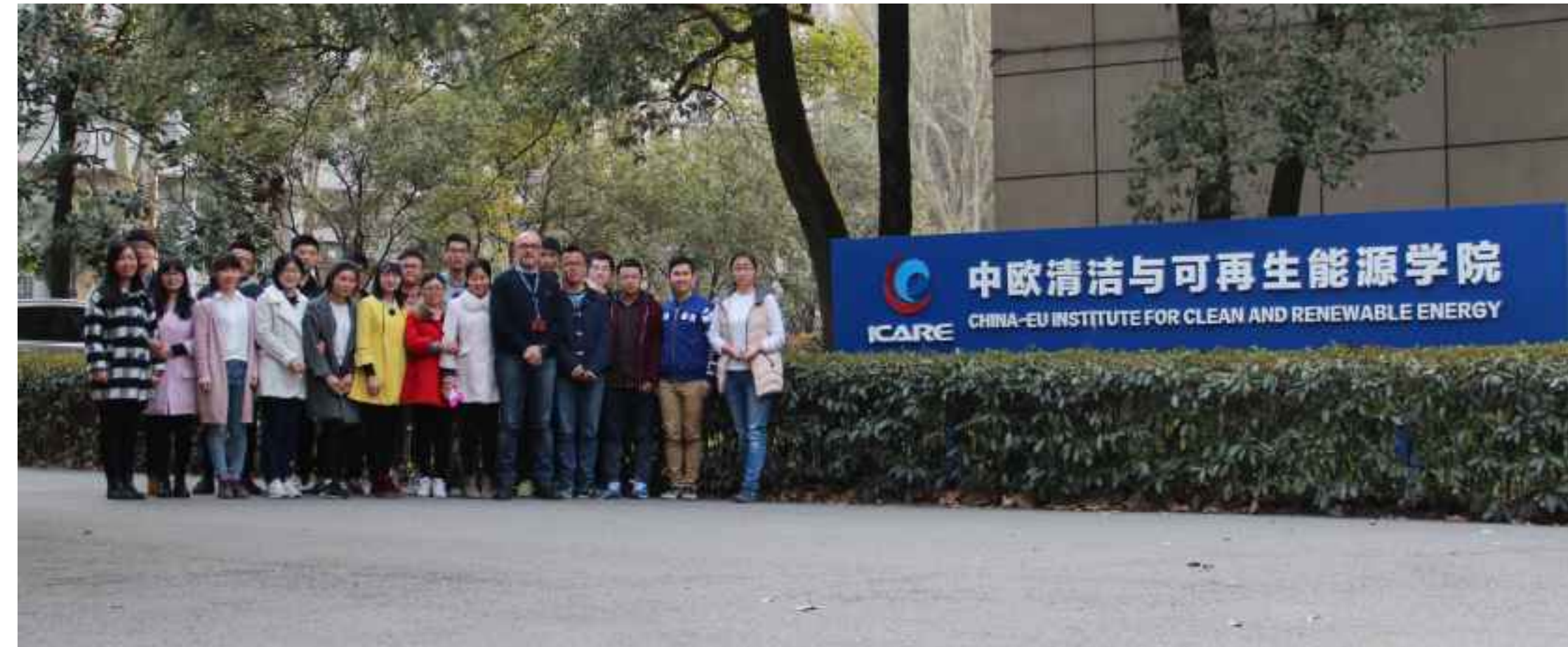
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CIRPS MISSION

Centro Interuniversitario di Ricerca Per lo Sviluppo sostenibile, è un Centro di ricerca interuniversitario che riunisce esperti di sviluppo sostenibile e di Scienza della Sostenibilità.



RICERCA APPLICATA

Coordinamento e gestione di programmi

ALTA FORMAZIONE

Partecipazioni a network nazionali ed internazionali

SERVIZI TECNICO SCIENTIFICI

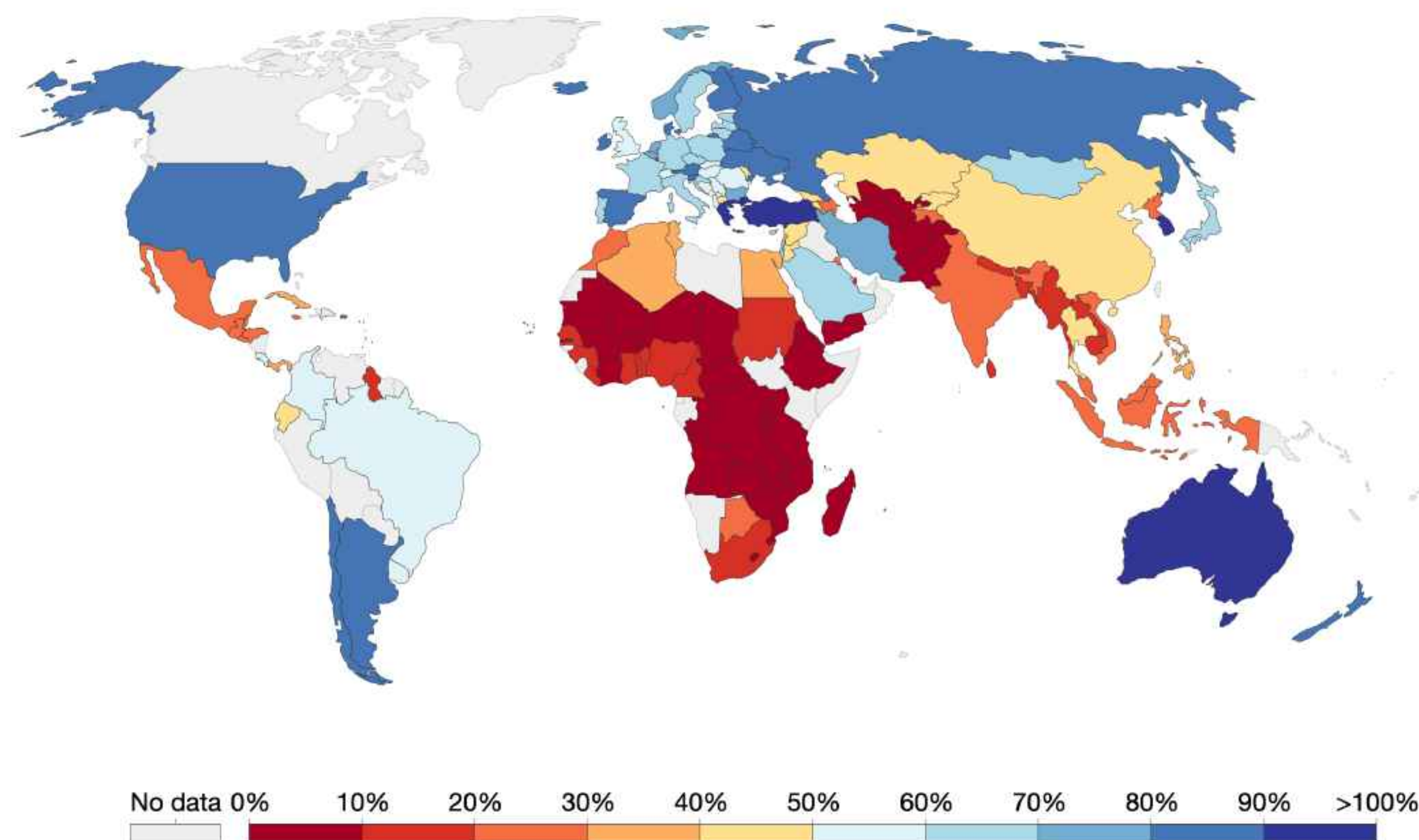
Supporto tecnico e scientifico ad Enti, Società, PMI, Istituzioni

ISCRIZIONE UNIVERSITARIA

Gross enrollment ratio in tertiary education, 2016

Total enrollment in tertiary education, regardless of age, expressed as a percentage of the total population of the five-year age group following on from secondary school leaving.

Our World
in Data



Tasso di iscrizione all'istruzione universitaria, indipendentemente dall'età, espressa come percentuale della popolazione totale della fascia di età quinquennale successiva alla conclusione della scuola secondaria.

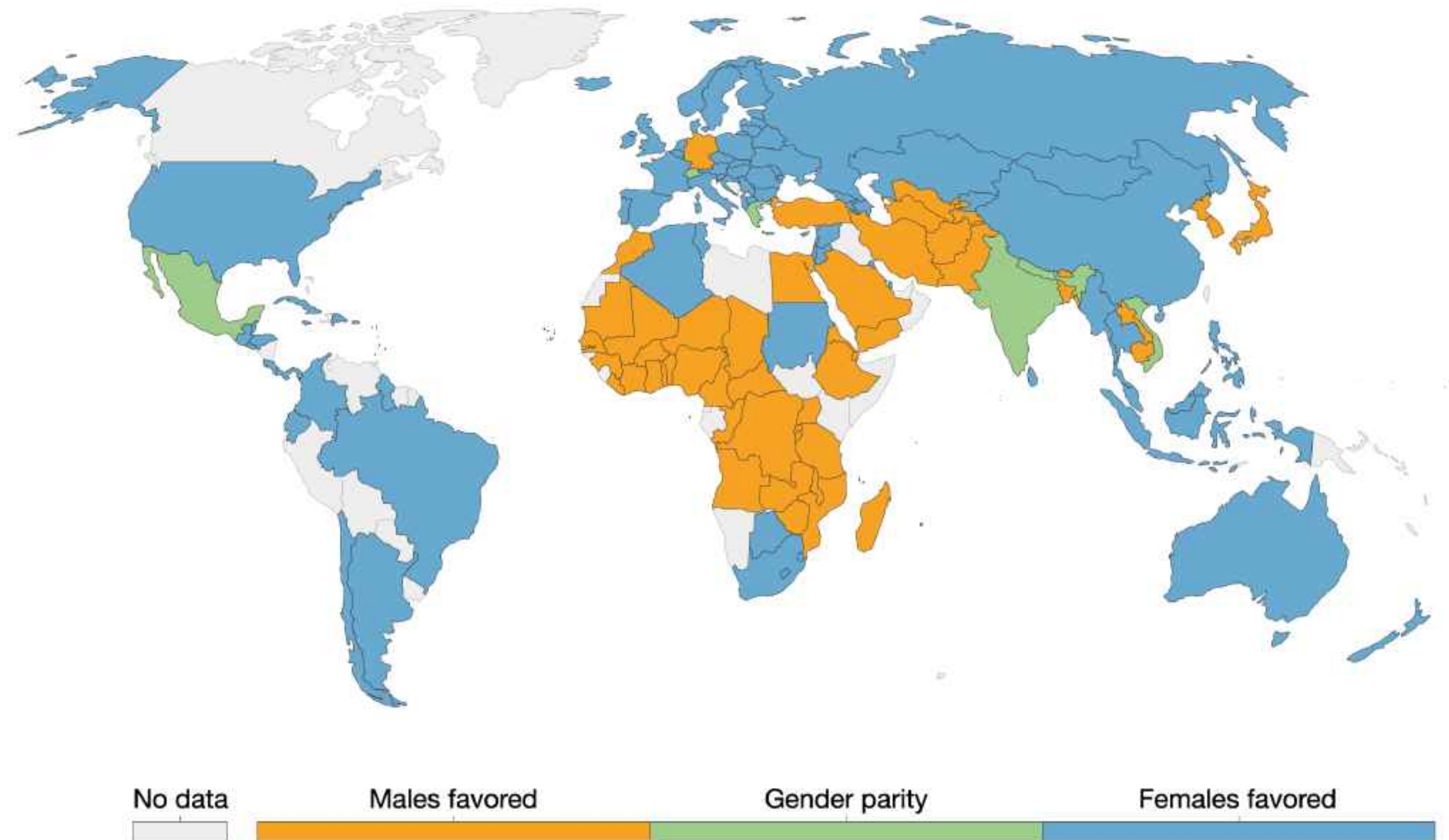
EDUCAZIONE FEMMINILE

Share of population

Gross enrolment ratio, tertiary, gender parity index (GPI), 2016

Ratio of female to male net enrolment ratio for tertiary education. It is calculated by dividing the female value for the indicator by the male value for the indicator. A GPI equal to 1 indicates parity between females and males. In general, a value less than 1 indicates disparity in favor of males and a value greater than 1 indicates disparity in favor of females. Gender Parity is defined as a GPI between 0.97 and 1.03.

Our World
in Data



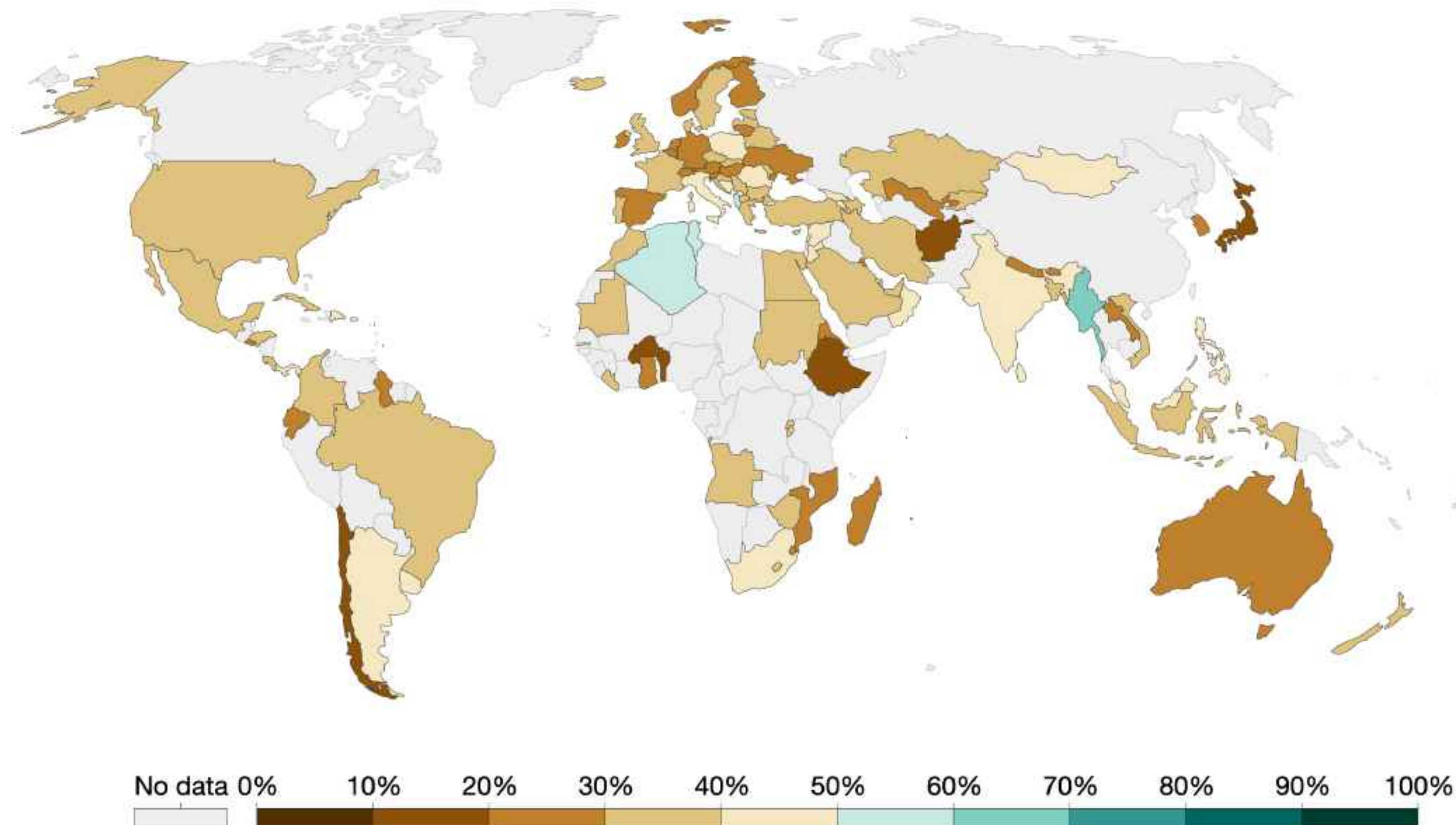
EDUCAZIONE FEMMINILE

Discipline scientifiche

Percentage of graduates from Science and Technology programmes in tertiary education who are female (%), 2015

Our World
in Data

Number of female graduates in science and technology programmes expressed as a percentage of the total number of tertiary graduates in science and technology programmes. The World Bank defines tertiary education as universities, trade schools and colleges.



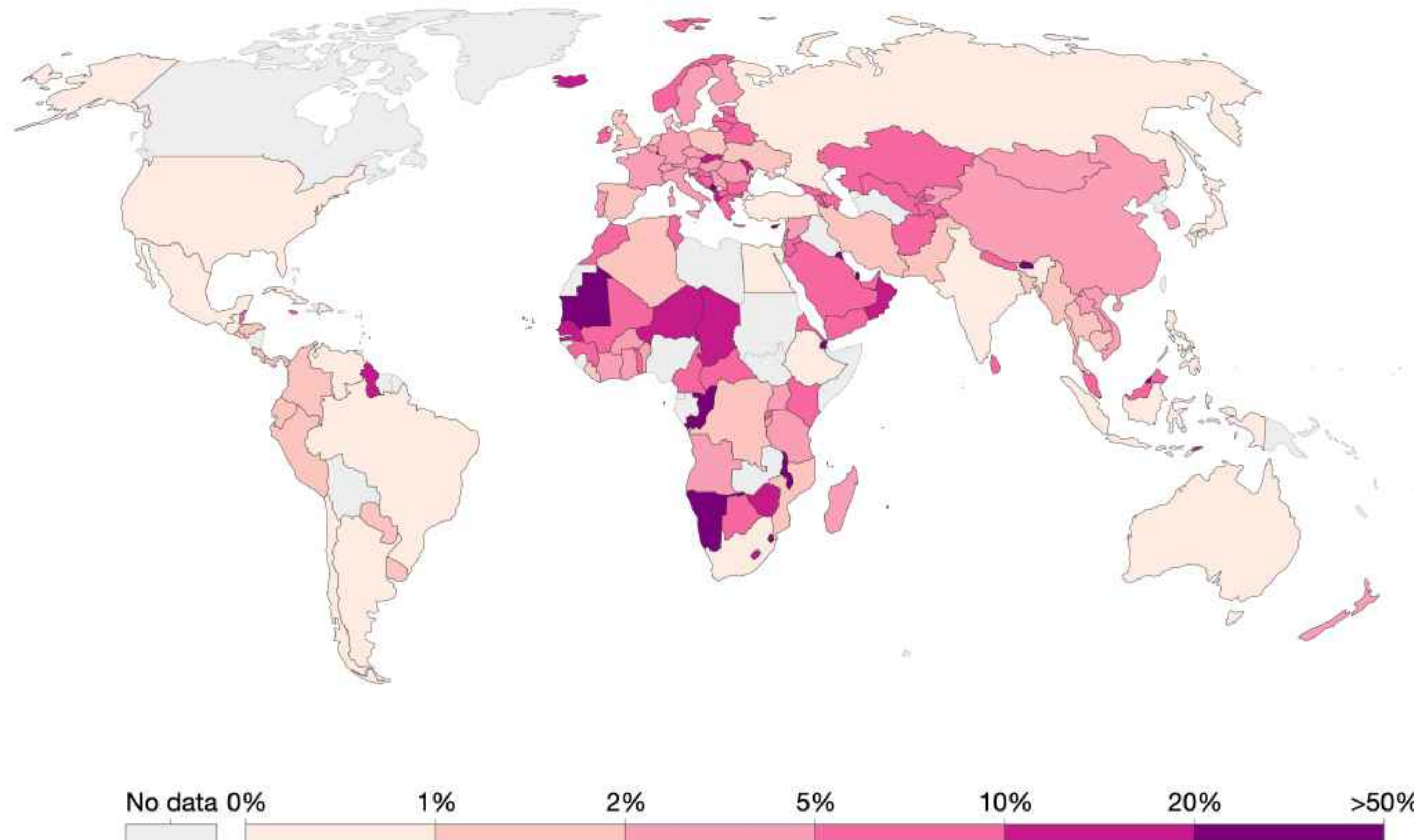
STUDENTI INTERNAZIONALI

Percentuale degli studenti che studiano all'estero per ciascun paese

Share of students studying abroad, 2013

Number of students from a given country studying abroad as a percentage of the total tertiary enrollment in that country.

Our World
in Data



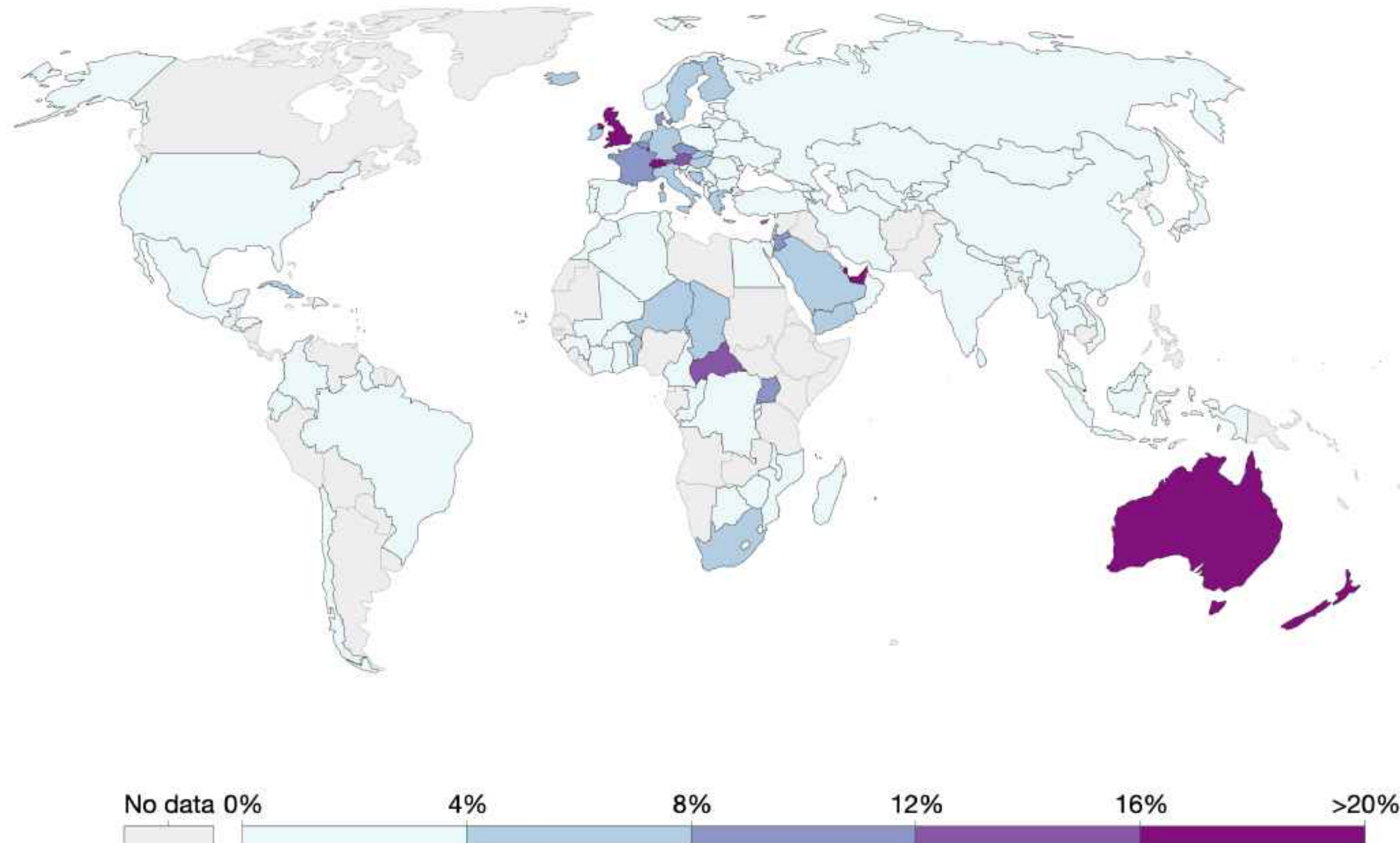
STUDENTI INTERNAZIONALI

Percentuale degli studenti iscritti

Share of students from abroad, 2015

Share of students from abroad studying in a given country out of the total tertiary enrollment in that country.

Our World
in Data



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AREE GEOGRAFICHE DI PRIMARIO INTERESSE

Nel settore della formazione superiore



■ Albania, Algeria, Angola, Argentina, Bosnia-Erzegovina, Brasile, Camerun, Cile, Cina, Colombia, Corea del Sud, Egitto, Etiopia, Giordania, India, Indonesia, Iran, Iraq, Israele, Kosovo, Libia, Macedonia, Marocco, Messico, Montenegro, Mozambico, Oman, Russia, Serbia, Stati Uniti, Tunisia, Turchia, Vietnam.



ALTRE AREE DI PRIMARIO INTERESSE

Coinvolte in interventi specifici



 **Paesi coinvolti nell'iniziativa *Invest your talent in Italy*:**
Azerbaijan, Colombia, Egitto, Etiopia, Indonesia, Ghana, Kazakhstan, Messico, Turchia e Vietnam

 **Uffici attualmente esistenti della rete Uni-Italia presenti:**
Cina, Mongolia, Indonesia, Vietnam, Iran, Brasile, dal mese di febbraio anche in India

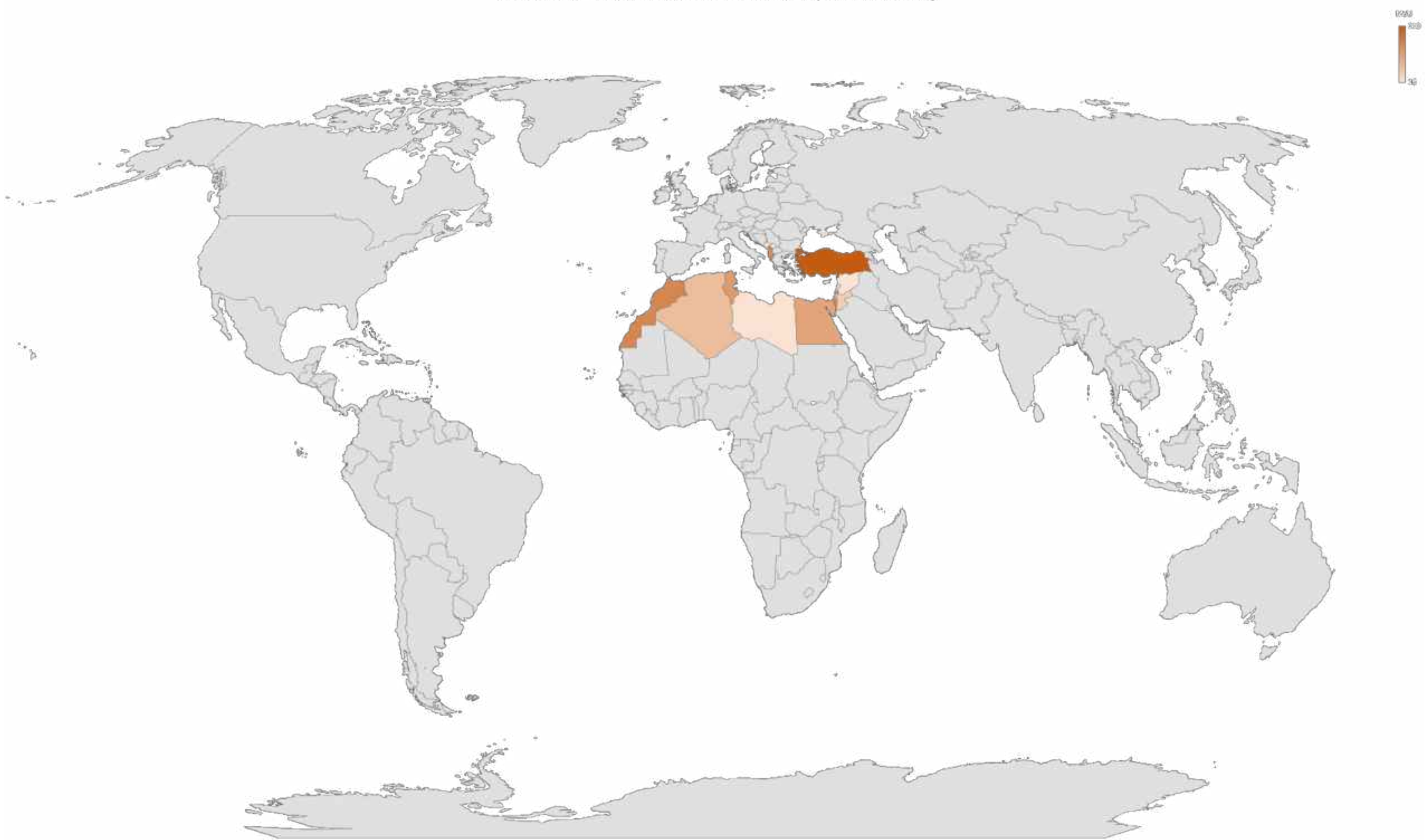


ACCORDI INTERNAZIONALI

Tra Università ed Enti di Ricerca Italiani con istituzioni dei vari Paesi (CINECA 09/2021) nella regione mediterranea



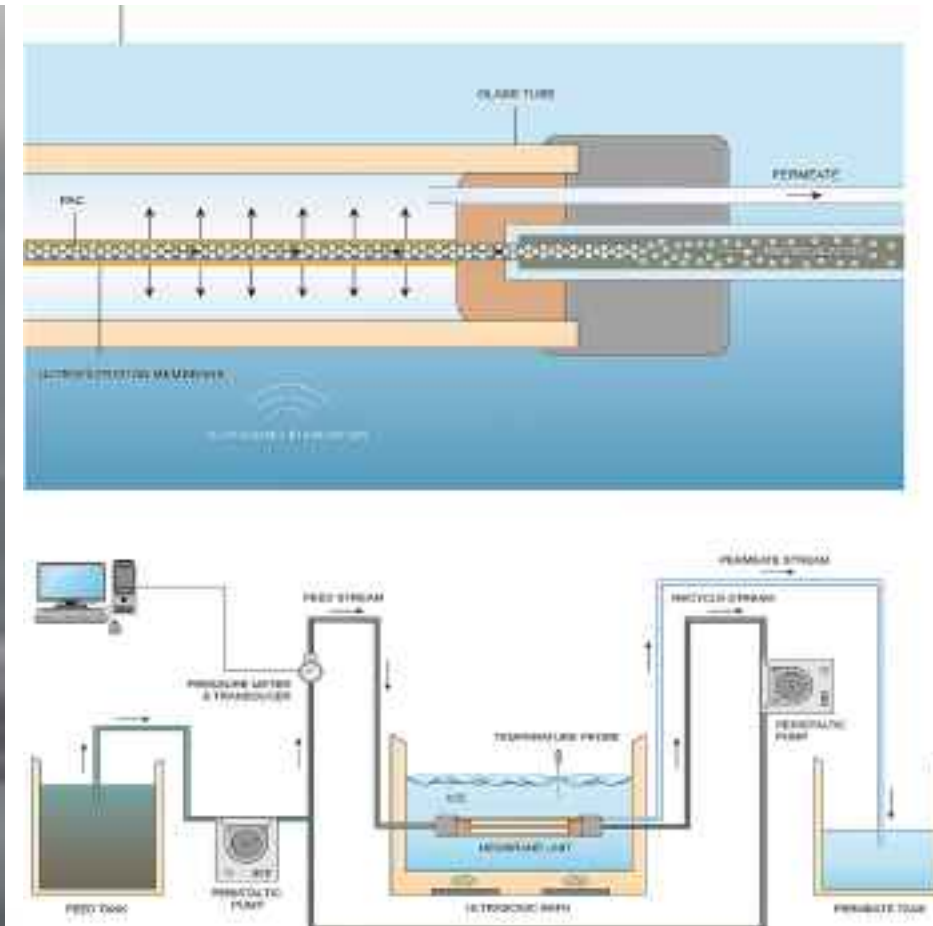
Accordi di collaborazione con Università ed enti di ricerca italiani (Fonte CINECA 09/2021)



Paese	MoU
Marocco	148
Algeria	71
Tunisia	119
Libia	19
Egitto	106
Israele	145
Palestina	35
Giordania	48
Siria	16
Turchia	210
Albania	147
Cossovo	19
Montenegro	21

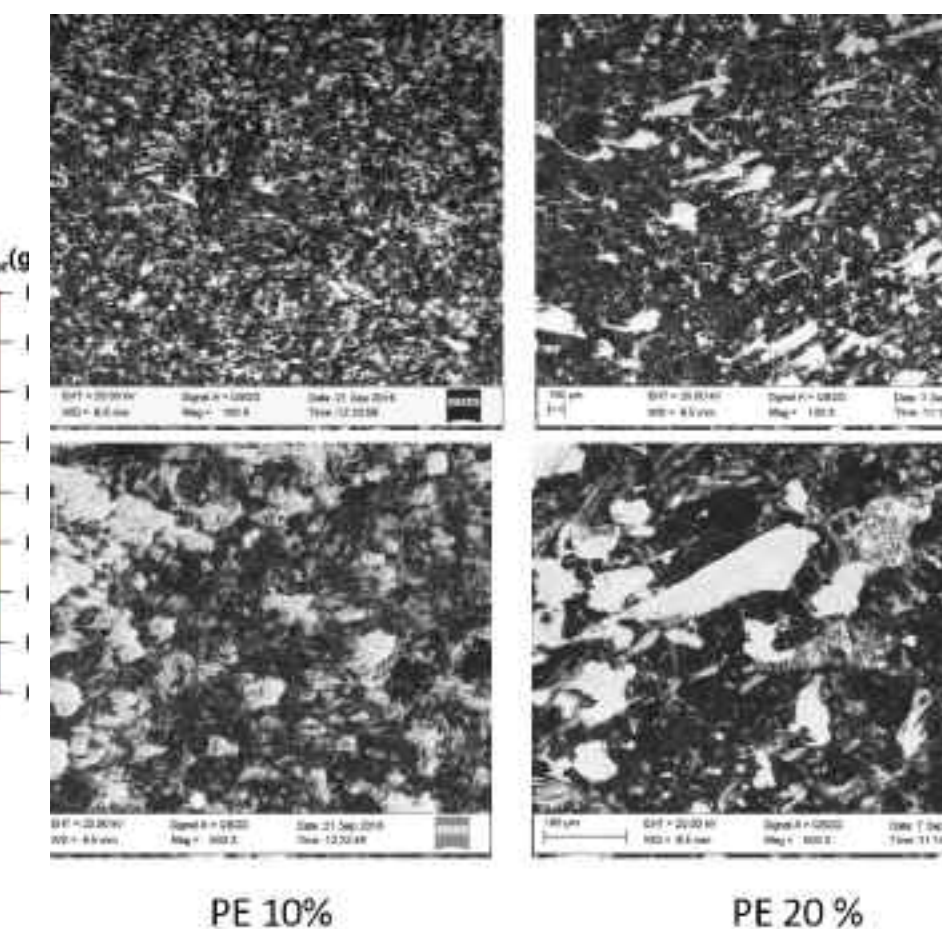
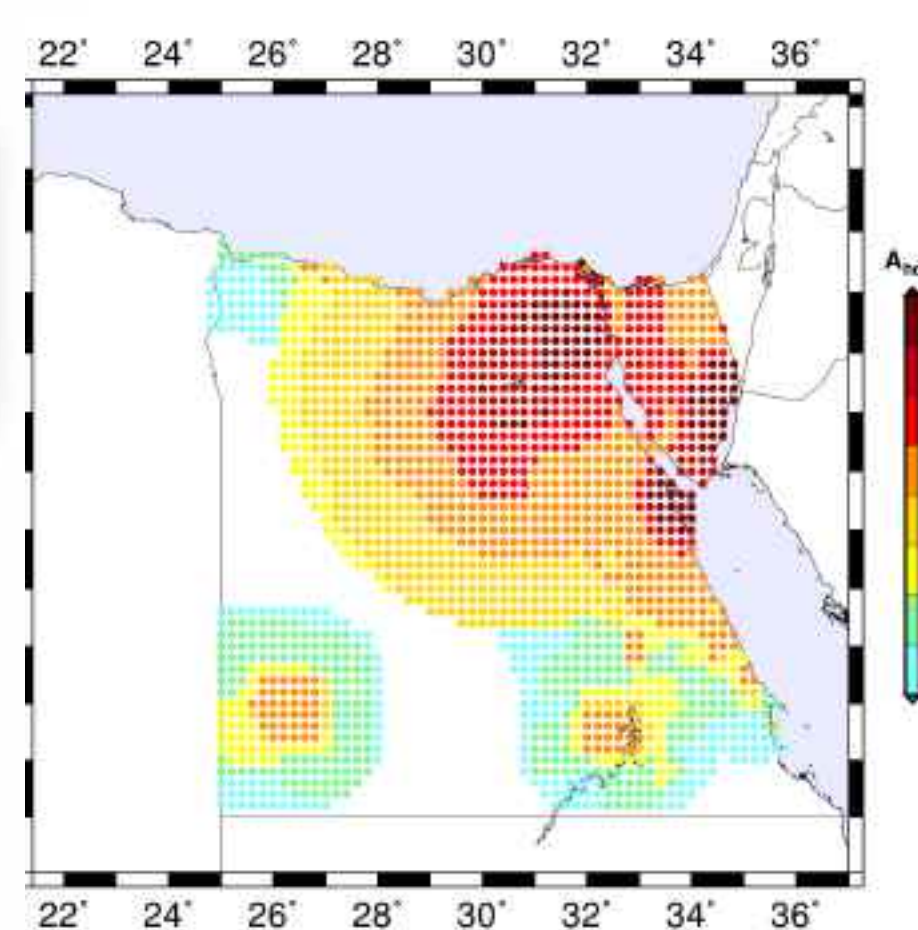
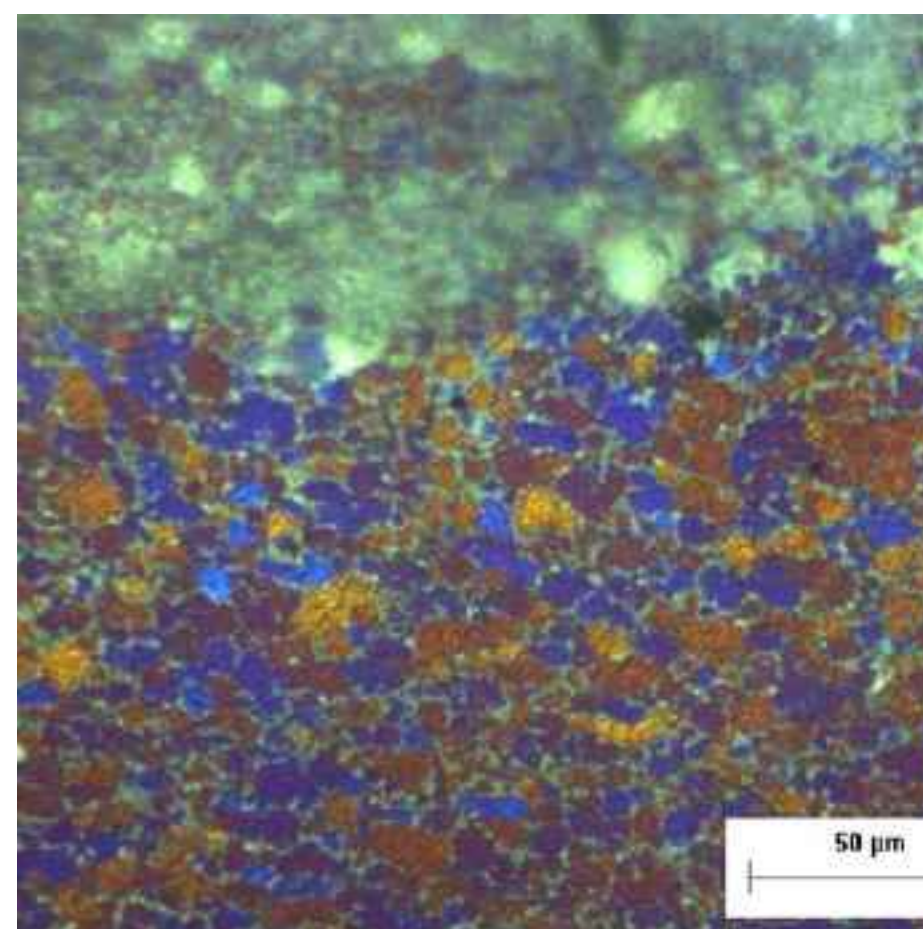
MINISTRY OF FOREIGN AFFAIRS

Executive Programme of Scientific and Technological Cooperation (i.e. Egypt 2016-2018)



Executive programme for research mobility and great relevance, in the field of:

Agriculture and Food Science and Technology; Energy and Environment (including rational use of water resources and desalination); Health, Biotechnology and Medicine; Nanosciences and Advanced Materials; Technologies applied to Cultural Heritages; Remote Sensing, Space Sciences and Geophysics; Basic sciences. .

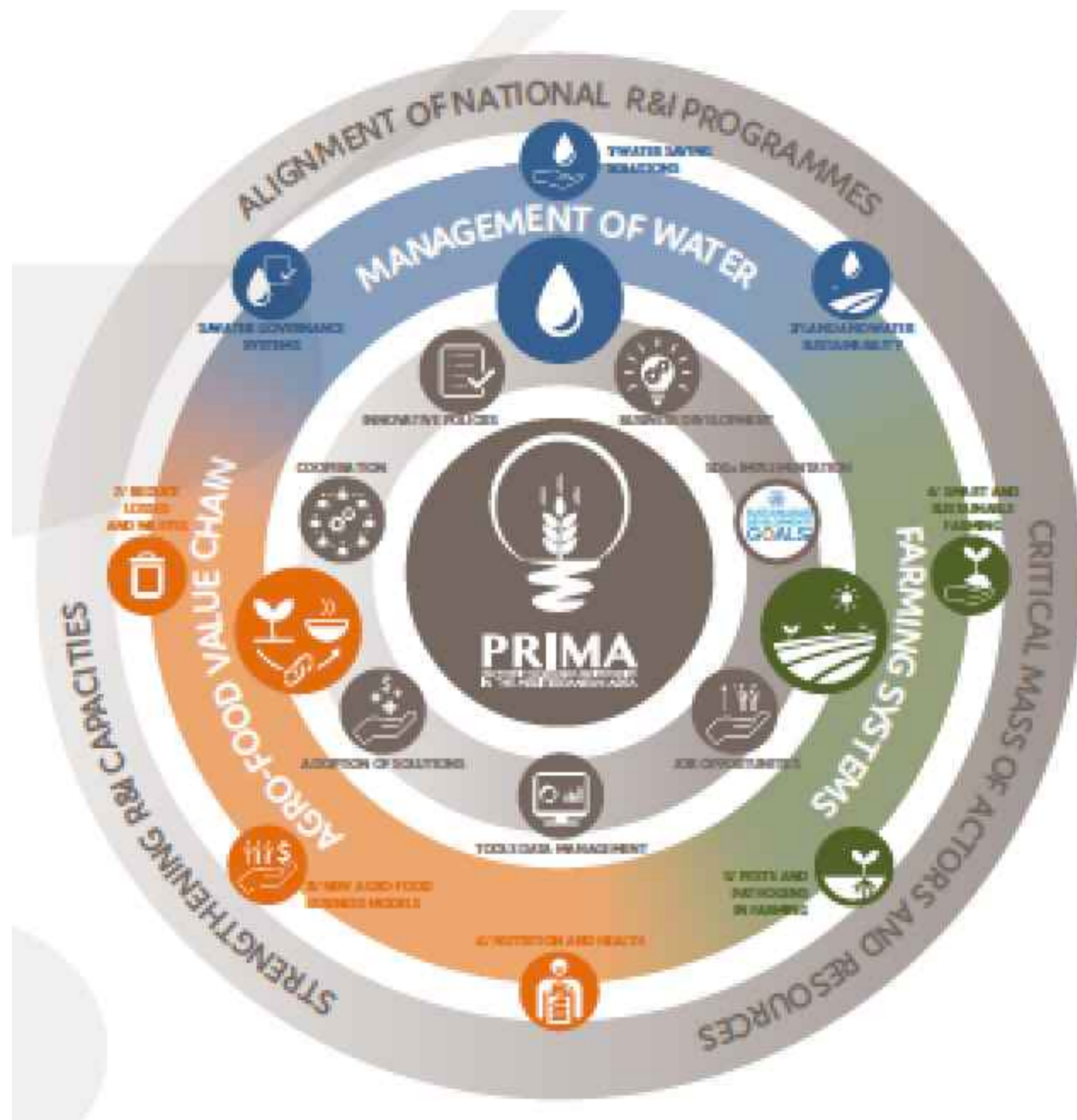


EU PROJECTS

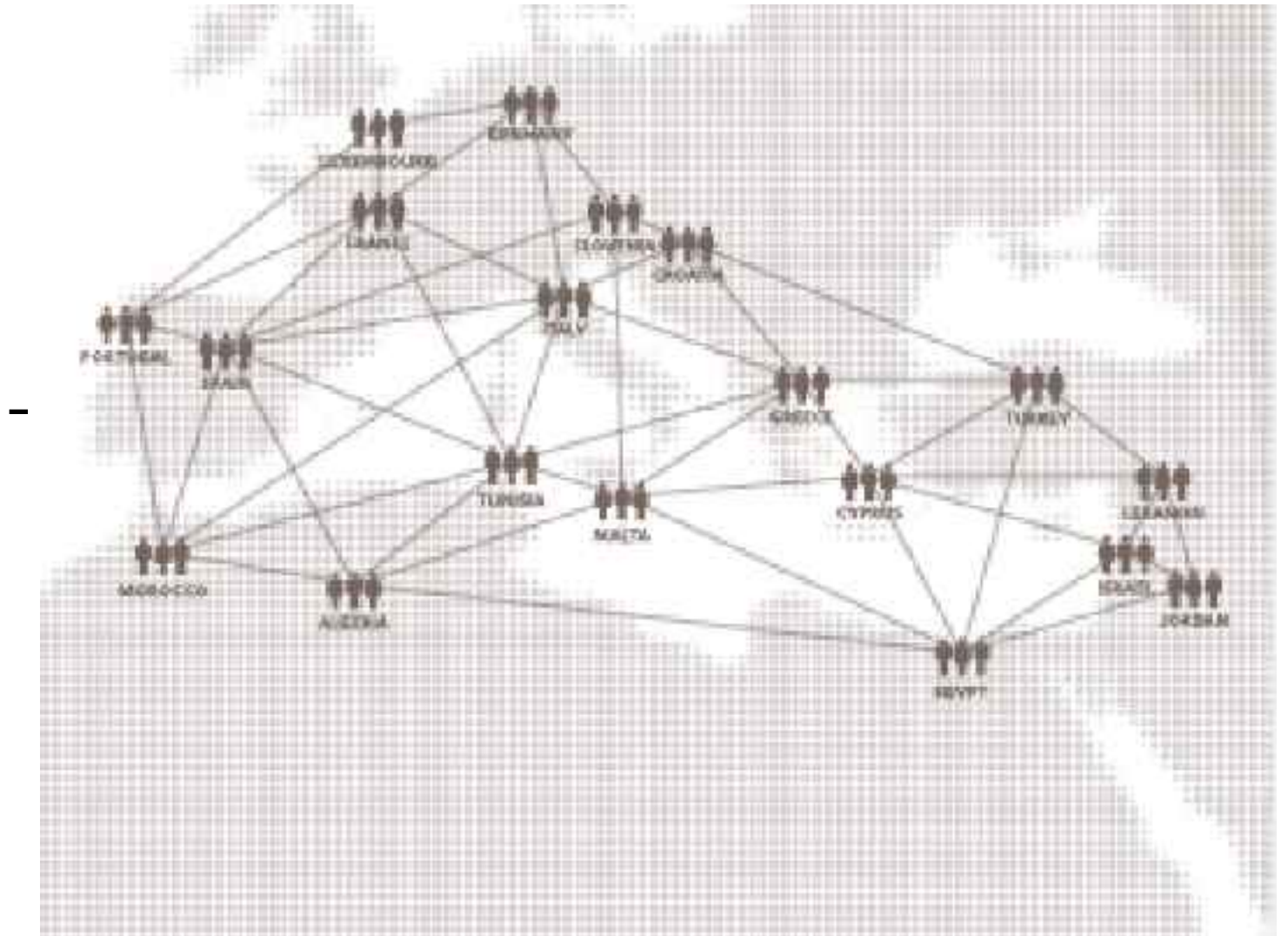


MATS, the most relevant EU project in Science and Technology in Egypt.

A joint initiative on “Concentrating Solar Power Technologies”. The excellent conditions of the Southern Mediterranean Countries represent an important potential for the development of the solar energy applications, and a strategic cooperation between Italy and Egypt is an important benefit for both. This Agreement promotes relevant innovation in the current Concentrating Solar Power (CSP) technologies in order to improve performance and reduce the cost of solar systems. The objectives of this Agreement are to strengthen and expand energy research capabilities of both countries, develop links and sustained partnerships with industry to strengthen the interplay between research outcomes and innovation and create an industrial network for the development of innovative projects using solar energy and develop training activities.



PRIMA



Today, 180 million people in the Mediterranean area are considered “water poor” and share insufficient food resources in terms of quantity and quality. This lack of clean water and nutritious food has adverse effects on the health and stability of the population and can even encourage migration.

PRIMA – a new R&I initiative between EU and third countries, based on the principle of mutual benefit and equal footing, strives to address these challenges. Its objective is to build, within 10 years, inclusive, healthy and socio-economically developed Mediterranean societies by promoting innovative and integrated solutions to unsustainable agro-food systems and water management.

SCHOLARSHIPS



MAECI

Annual scholarship



**MAECI AND
INDUSTRIES**

Scholarship and training on the
job



**CNR,
UNIVERSITIES
, ETC.**

Annual scholarships

EMBASSIES: PROMOTION OF ITALIAN S&T

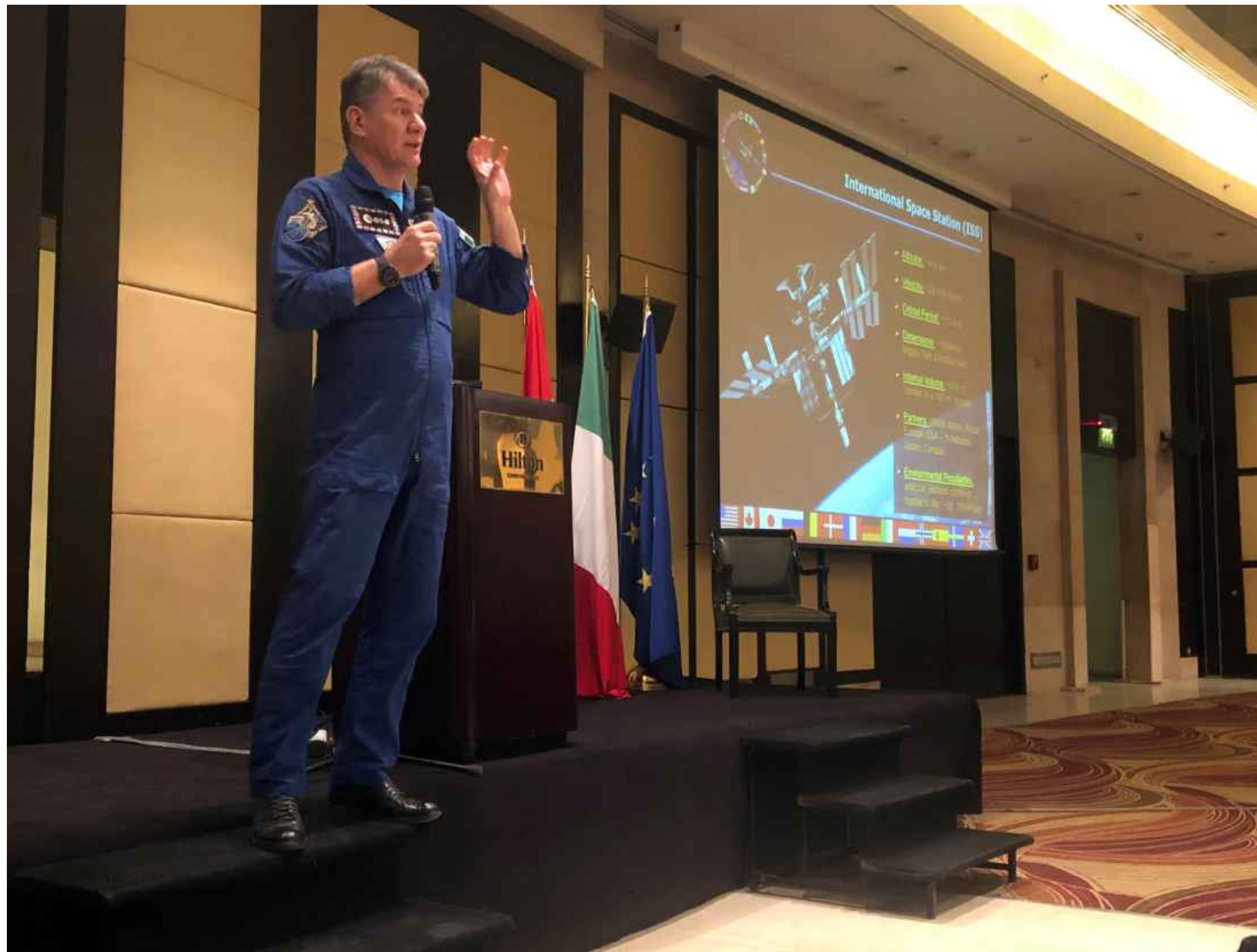


Exhibitions: July 2018 The Beauty of Knowledge (Biblioteca Alexandrina, Alexandria, Egypt)



EMBASSIES: PROMOTION OF ITALIAN S&T

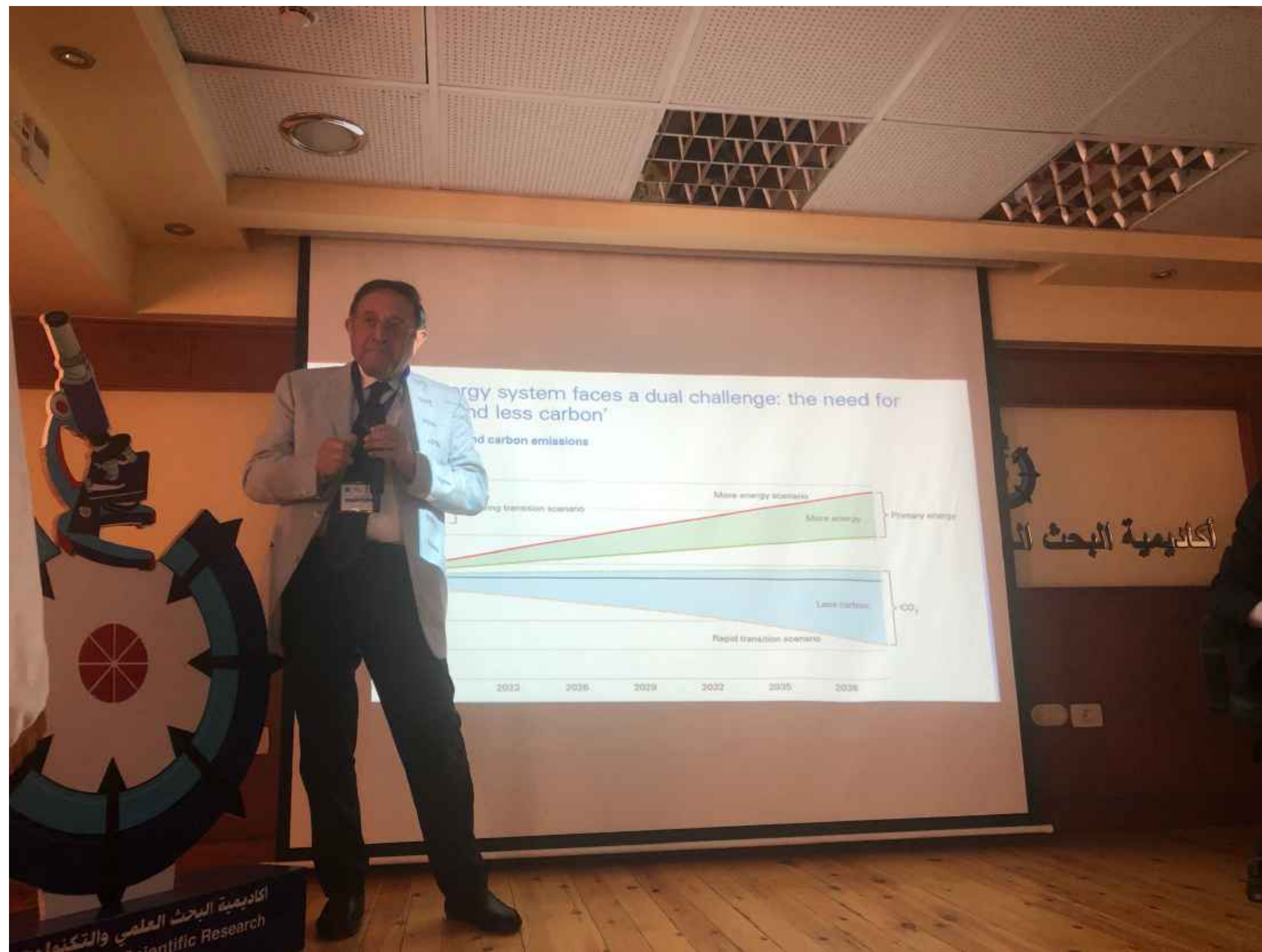
Exhibitions: Space sciences, with the Italian Astronaut Paolo Nespoli.



EMBASSIES: PROMOTION OF ITALIAN S&T



Summer school on Renewable Energies, with the support of CIRPS.



JOINT SCIENCE FOR FUTURE

Flagships for Italian research abroad in 2017 (Soruce APRE, 2017)



- ✓ Biotechnology
- ✓ Space
- ✓ Sustainable agriculture
- ✓ Health: : nutrition, ageing, genomic
- ✓ Technologies applied to cultural heritages
- ✓ Physics
- ✓ Blue growth
- ✓ Circular economy
- ✓ Energy, environment and climate change
- ✓ ICT: robotic, big data high performance computing, cyber security

LE INNOVAZIONI DEL PROSSIMO FUTURO

Tecnologie prioritarie per l'industria



**ENVISIONING
THE FUTURE**

LE INNOVAZIONI DEL PROSSIMO FUTURO



Tecnologie prioritarie per l'industria



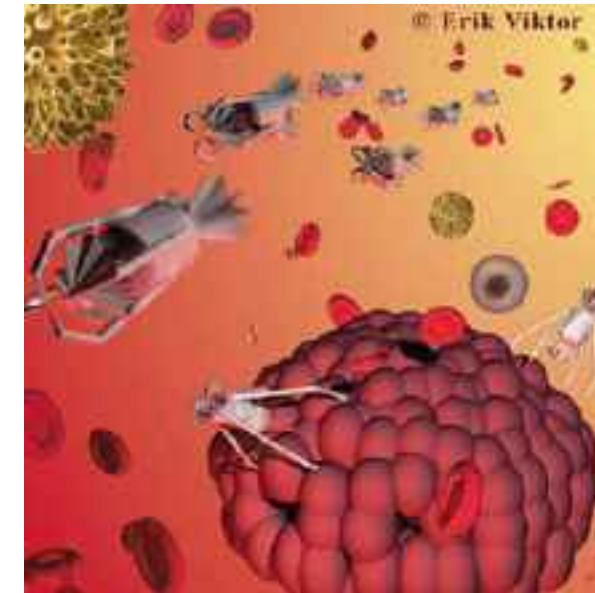
**Information
Communication
and Technology**



**Microelectronics
and
semiconductors**



Energy



Chemistry



**Pharmacology
and
biotechnology**



Transportation Aeronautic



Space



**Instrumental
goods for
manufacturing**



Environment

PLANNING THE FUTURE

A portfolio of 115 priority technologies within 10 relevant industrial sectors for the Country

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CIRPS, alta formazione, Egitto ed Uzbekistan.

ITALIAN UNIVERSITY CAMPUS IN UZBEKISTAN



Mandate from the Government of Uzbekistan to CIRPS



MAIN TOPICS

Bachelor, PhD, Professional Master.

- Engineering;
- Business administration;
- Medicine;
- Fashion and industrial design;
- Architecture;
- Restoration of historical buildings;
- Agroindustry;
- Pharmaceutical industry;
- Information and communication technologies;
- Textile, silk and leather industry;
- Hospitality industry;
- Gastronomic art

ITALIAN UNIVERSITY CAMPUS IN EGYPT



Cooperation with private investors, according to a new Egyptian law from 2018



MAIN TOPICS

Bachelor, PhD, Professional Master, preparatory courses to Bachelor, courses for recognition of Egyptian degrees.

- Humanities, Communication and Tourism;
- Economics, Society and Business Administration;
- Applied Sciences and Technologies;
- Political Science
- Education Sciences
- Law
- Sport and wellness Sciences
- Engineering;
- Medicine;
- Psicologia;
- Chemistry;
- Pharmacy;

