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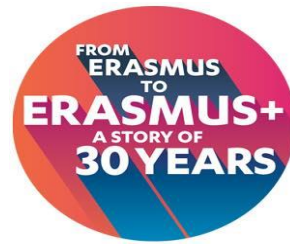
National Erasmus+ Office - Jordan



# The Erasmus+ Programme: Enhancing Cooperation with Jordan

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**Erasmus+ Higher Education Seminar on Cooperation with Partner Countries**  
**Vienna, 21-22 September 2017**





# Jordan





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National Erasmus+ Office - Jordan



## What is Jordan Known for?





## Jordan is also known for:

*Peace and stability*

*Safety and security*

*Moderation*

*Tolerance*

*Helpful, friendly and hospitable people*

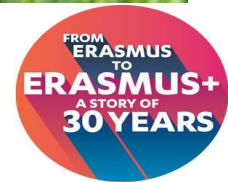
*Jordanians are exposed to other cultures*

*Reasonably good education system*

*Good health care system*

*Moderate weather (most of the year)*

*English is widely understood among upper  
and middle classes*





## Jordanian Higher Education Management

- **Ministry of Higher Education & Scientific Research**

Responsible for supervising public and private HEIs, and promoting the level of HE in order to align and keep pace with developments witnessed by HE sector in the world.

- **Higher Education Council**

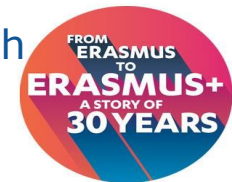
Responsible for higher education policies and regulating the sector.

- **Higher Education Accreditation Commission**

It aims at upgrading the HEIs performance and strengthen their competitiveness at regional, national and global level with the main goal to ensure the application of Jordanian regulations and accreditation, quality assurance standards in compliance with those in developed countries.

- **Scientific Research Support Fund**

Responsible for encouraging and supporting scientific research

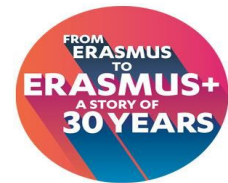




# Higher Education Strategy

*Higher education policy objectives are based on nine pillars defined in the National Strategy for Higher Education (2014-2018). These are:*

- 1) **University Governance and Management:** *enabling the Higher Education Council (HEC) to oversee HEIs in general.*
- 2) **Admission Policies:** *review of admission policies to achieve justice and equal opportunities to guarantee a high level of higher education and the quality of its outputs and harmony with the labor market.*
- 3) **Finance:** *securing and diversifying adequate and stable sources of funding for universities.*
- 4) **Accreditation and Quality Assurance:** *harmonization of higher education outcomes and labor market needs.*





## Higher Education Strategy

- 5) **Scientific Research and Graduate Studies:** *provision of necessary financial support for scientific research.*
- 6) **University Environment:** *building a model for university attractive environment which contributes to shaping an integrated student personality.*
- 7) **Academic Programs:** *improving quality of programs, plans, and curriculum in higher education institutions.*
- 8) **Human Resources:** *raising the level of leadership in administrative positions and the efficiency, diversity, and excellence of human resources.*
- 9) **Technical Education:** *achieving the aspirations of Jordan's strategy towards the concept of technical education, culture and expansion, development through the realization of technical education.*

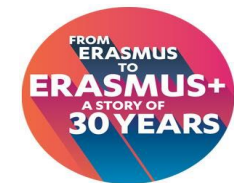




# Higher Education in Jordan

Number of students (academic year 2015/2016)		
<b>Total: 300,731</b>		
<b>Females: 154,684</b>		
Public	Private	Regional
<b>Total: 214,546</b>	<b>Total: 78,029</b>	<b>Total: 8,156</b>
<b>Females: 122,255</b>	<b>Females: 28,793</b>	<b>Females: 3,636</b>
Number of HEIs (academic year 2015/2016)		
<b>86</b>		
University (32)	University College (3)	Community College (51)
<b>10 (public)</b>		<b>18 (public)</b>
<b>21 (private)</b>		<b>4 (governmental)</b>
<b>1 (regional)</b>	<b>3</b>	<b>21 (private)</b>
		<b>6 (Military)</b>
		<b>2 (UNRWA)</b>

**Overall: >  
51.4%  
females**

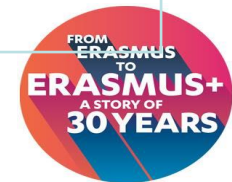






## Public Universities

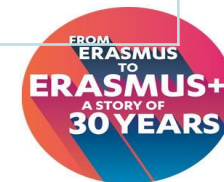
	<b>University</b>	<b>Website</b>
1	The University of Jordan	<a href="http://www.ju.edu.jo">www.ju.edu.jo</a>
2	Yarmouk University	<a href="http://www.yu.edu.jo">www.yu.edu.jo</a>
3	Mutah University	<a href="http://www.mutah.edu.jo">www.mutah.edu.jo</a>
4	Jordan University of Science & Technology	<a href="http://www.just.edu.jo">www.just.edu.jo</a>
5	The Hashemite University	<a href="http://www.hu.edu.jo">www.hu.edu.jo</a>
6	Al albayt University	<a href="http://www.aabu.edu.jo">www.aabu.edu.jo</a>
7	AL-Balqa Applied University	<a href="http://www.bau.edu.jo">www.bau.edu.jo</a>
8	AL-Hussein Bin Talal University	<a href="http://www.ahu.edu.jo">www.ahu.edu.jo</a>
9	Tafila Technical University	<a href="http://www.ttu.edu.jo">www.ttu.edu.jo</a>
10	German Jordanian University	<a href="http://www.gju.edu.jo">www.gju.edu.jo</a>





## Private Universities

	<b>University</b>	<b>Website</b>
1	Amman Arab University	<a href="http://www.aau.edu.jo">www.aau.edu.jo</a>
2	Middle East University	<a href="http://www.meu.edu.jo">www.meu.edu.jo</a>
3	Jadara University	<a href="http://www.jadara.edu.jo">www.jadara.edu.jo</a>
4	Al - Ahliyya Amman University	<a href="http://www.ammanu.edu.jo">www.ammanu.edu.jo</a>
5	Applied Science University	<a href="http://www.asu.edu.jo">www.asu.edu.jo</a>
6	Philadelphia University	<a href="http://www.philadelphia.edu.jo">www.philadelphia.edu.jo</a>
7	Isra University	<a href="http://www.iu.edu.jo">www.iu.edu.jo</a>
8	Petra University	<a href="http://www.uop.edu.jo">www.uop.edu.jo</a>
9	Al-Zaytoonah University of Jordan	<a href="http://www.zuj.edu.jo">www.zuj.edu.jo</a>
10	Zarqa University	<a href="http://www.zu.edu.jo">www.zu.edu.jo</a>
11	Irbid National University	<a href="http://www.inu.edu.jo">www.inu.edu.jo</a>





## Private Universities

	<b>University</b>	<b>Website</b>
12	Jerash University	<a href="http://www.jpu.edu.jo">www.jpu.edu.jo</a>
13	Princess Sumaya University for Technology	<a href="http://www.psut.edu.jo">www.psut.edu.jo</a>
14	Jordan Academy of Music	<a href="http://www.jam.edu.jo">www.jam.edu.jo</a>
15	Ammon Applied University College	<a href="http://www.jau.edu.jo">www.jau.edu.jo</a>
16	American University of Madaba	<a href="http://www.aum.edu.jo">www.aum.edu.jo</a>
17	Ajloun National University	<a href="http://www.anu.edu.jo">www.anu.edu.jo</a>
18	Faculty of Educational Sciences and Arts /UNRWA	<a href="http://fesa-reg.unrwa.org">fesa-reg.unrwa.org</a>
19	Aqaba university of technology	<a href="http://www.aut.edu.jo">www.aut.edu.jo</a>
20	The World Islamic Science & Education University	<a href="http://www.wise.edu.jo">www.wise.edu.jo</a>
21	AL-Hussein Technical University	<a href="http://www.cpf.jo">www.cpf.jo</a>





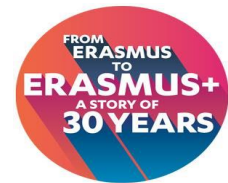
## Structure of higher education in Jordan

### ***It follows the three-cycle system:***

***The bachelor degree:** requires four years to all disciplines except engineering, pharmacy and dentistry which require five years, and medicine which requires six years.*

***The master degree:** requires on average one and half to two years of study. In a number of universities, students have the option to obtain a master degree with a thesis or with a comprehensive exam.*

***Doctorate degrees:** a minimum of 3 years of study.*





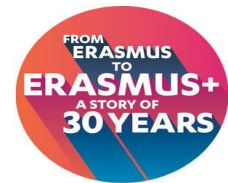
## Organization of the academic year

The academic year in Jordan consists of **two regular mandatory semesters** and an optional summer session.

Students are required to study in the mandatory semesters, whereas they may study in the summer or find a summer job.

Each semester lasts for **16 weeks** (including the exam period) and the summer session lasts 8 weeks, excluding any public, national or religious holidays.

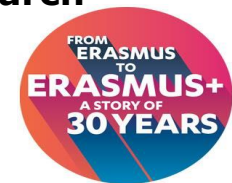
The first semester starts around mid-September and ends towards mid-January. The second semester starts early February and ends early June. The summer session lasts from mid-June to mid-August.





## Internationalization

- **Law of Higher Education and Scientific Research** for the year 2009: the higher education aims to “Enhancing the scientific, cultural, artistic and technical cooperation in the field of higher education and scientific research **with other countries, international organizations**, ... coincided with the expansion of such cooperation in the modern and developed directions.”
- **Jordanian Universities Law of 2009**: “Universities are encouraged to foster relations with **international institutions** and open branches, centers and offices inside the Kingdom and outside it”
- In the **Higher Education Strategy**:
  - ✓ Vision includes “Having a high quality higher education system .... and compete at the Arab and **international levels**”
  - ✓ Take required measures to boost **international competitiveness**, ....
  - ✓ Modernizing academic programs to keep up with **international developments**
  - ✓ Clear venue for partnerships with **prominent international research centers**
  - ✓ Adopt policies and programs, in accordance with the best **international standards** and practices.





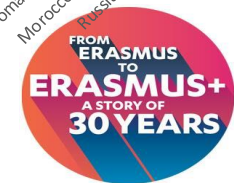
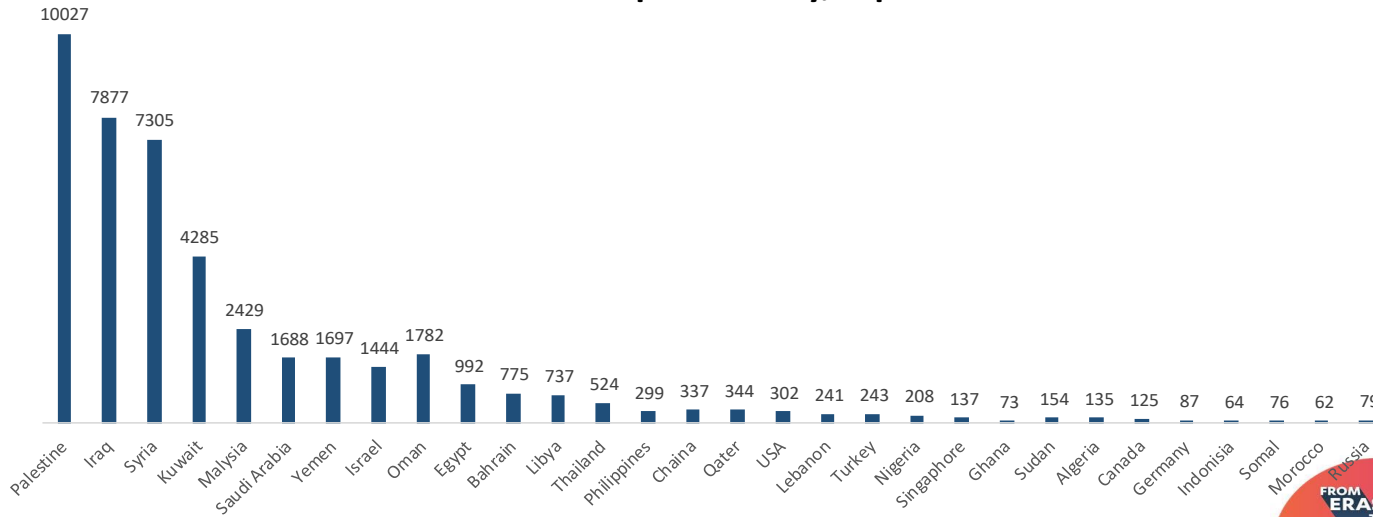
# Number of Foreign Students in Jordan

There are **44,528 foreign students** ( $\approx 15\%$  of total)

They came from **110+ countries**

They study in **30 universities in almost all disciplines**

Number of students per country, top 30 Countries





## Fields of Study offered in **English** at Public Universities

Business, Economics and Administrative Sciences

Physical Education

Marine Science

Engineering

Science and Arts

Computer and Information Technology

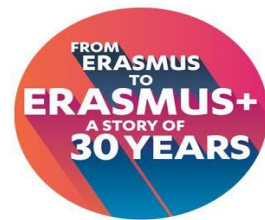
Medicine, Dentistry, Pharmacy, Veterinary

Applied Medical Sciences

Architecture

Archaeology And Anthropology

Tourism and Hotel Management





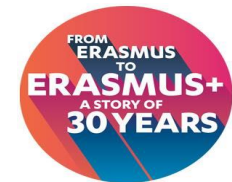
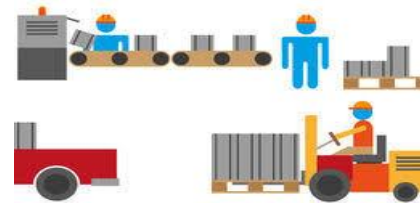
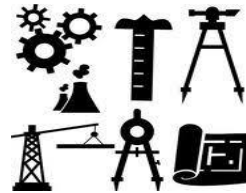


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# Erasmus+ CBHE Jordan Priorities: Category 1

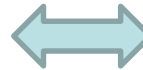
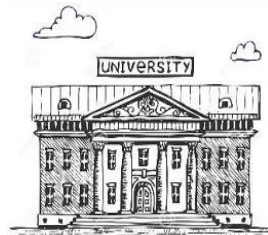
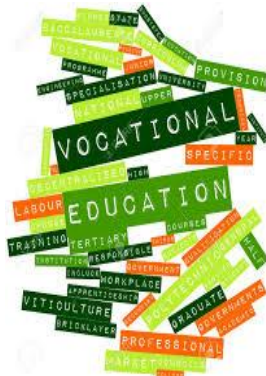
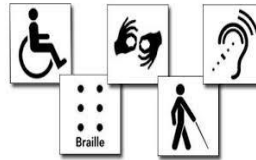




## CBHE Jordan Priorities: Categories 2 & 3



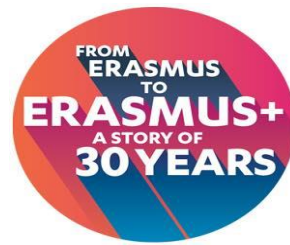
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## Tempus and Erasmus+ in Jordan A Snapshot

- Jordan started participating in Tempus as of Dec. 2002
- 54 Tempus projects (45 JP + 9 SM)
- 31 CBHE projects (1<sup>st</sup> call: 16, 2<sup>nd</sup> call: 7, 3<sup>rd</sup> call: 8)
- Jordan is Grant holder in 14 projects (7 T + 7 CBHE)
- Thousands of mobilities under T & CBHE projects
- About 600 mobilities under Erasmus Mundus
- About 1,971 mobilities with Jordan (student and staff, incoming and outgoing) under International Credit Mobility

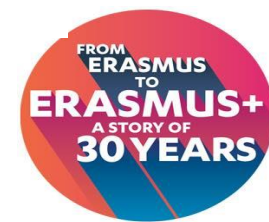




## Planned mobilities to/from Jordan awarded under ICM Calls 2015, 2016 and 2017 combined

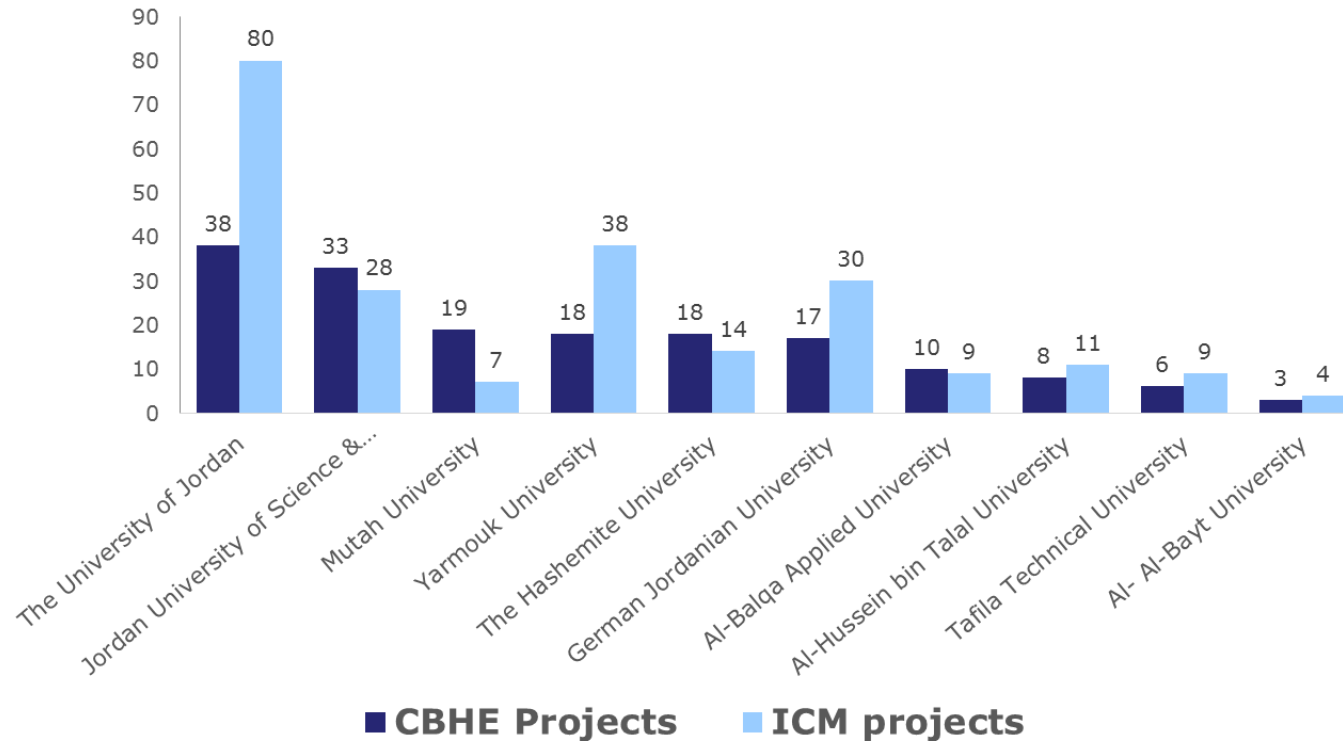
*\*NB: Mobilities will take place between 1 June of Call Year N and 31 July of Year N+2 at the latest.*

	<b>Learner</b>	<b>Staff</b>	<i>Total</i>
<b>Going from JO (to EU)</b>	663	600	1,293
<b>Coming to JO (from EU)</b>	227	451	678
<i>Total</i>	920	1,051	<b>1,971</b>



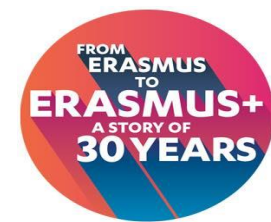
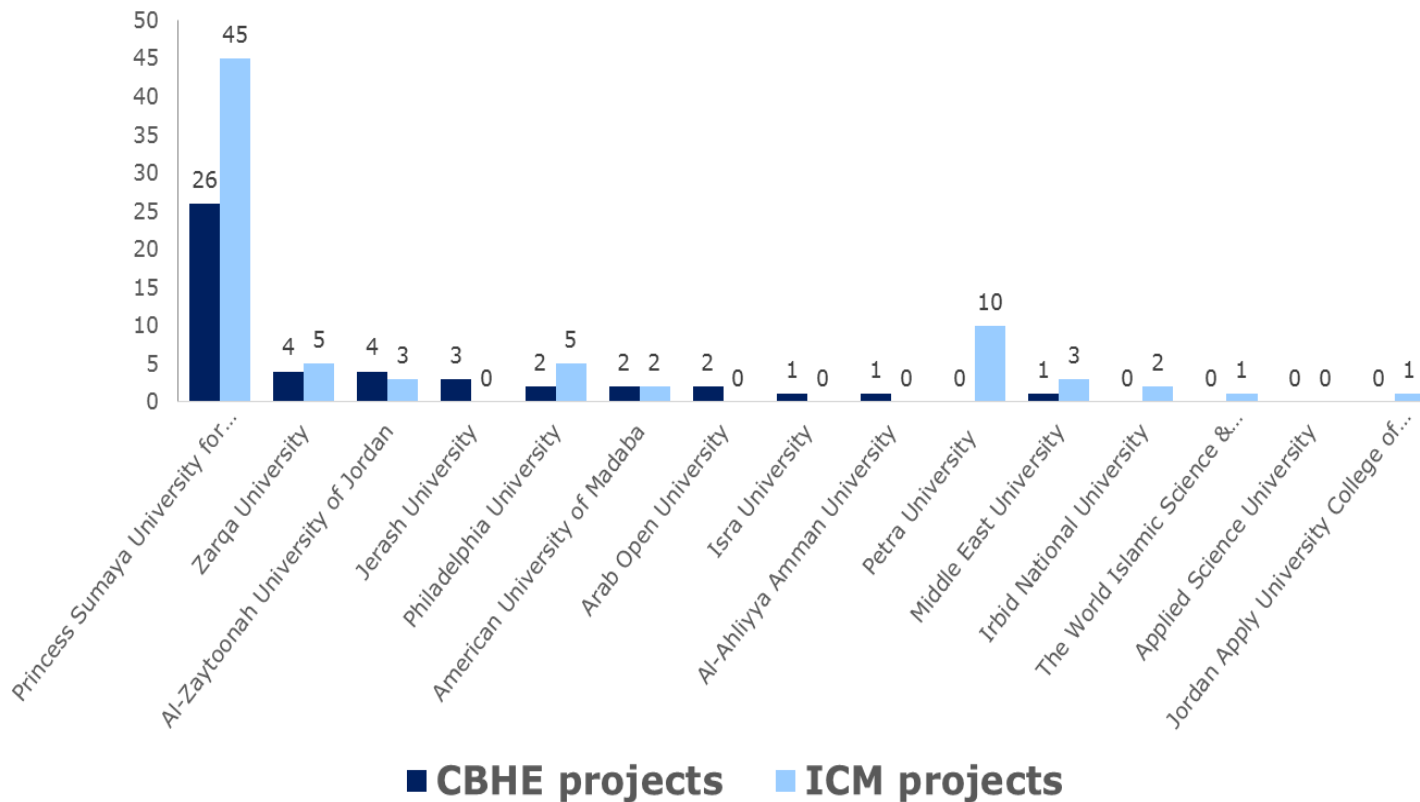


## T & Erasmus+ Projects at Public Universities



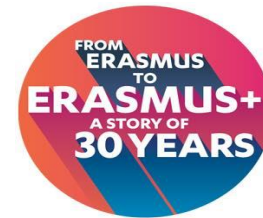
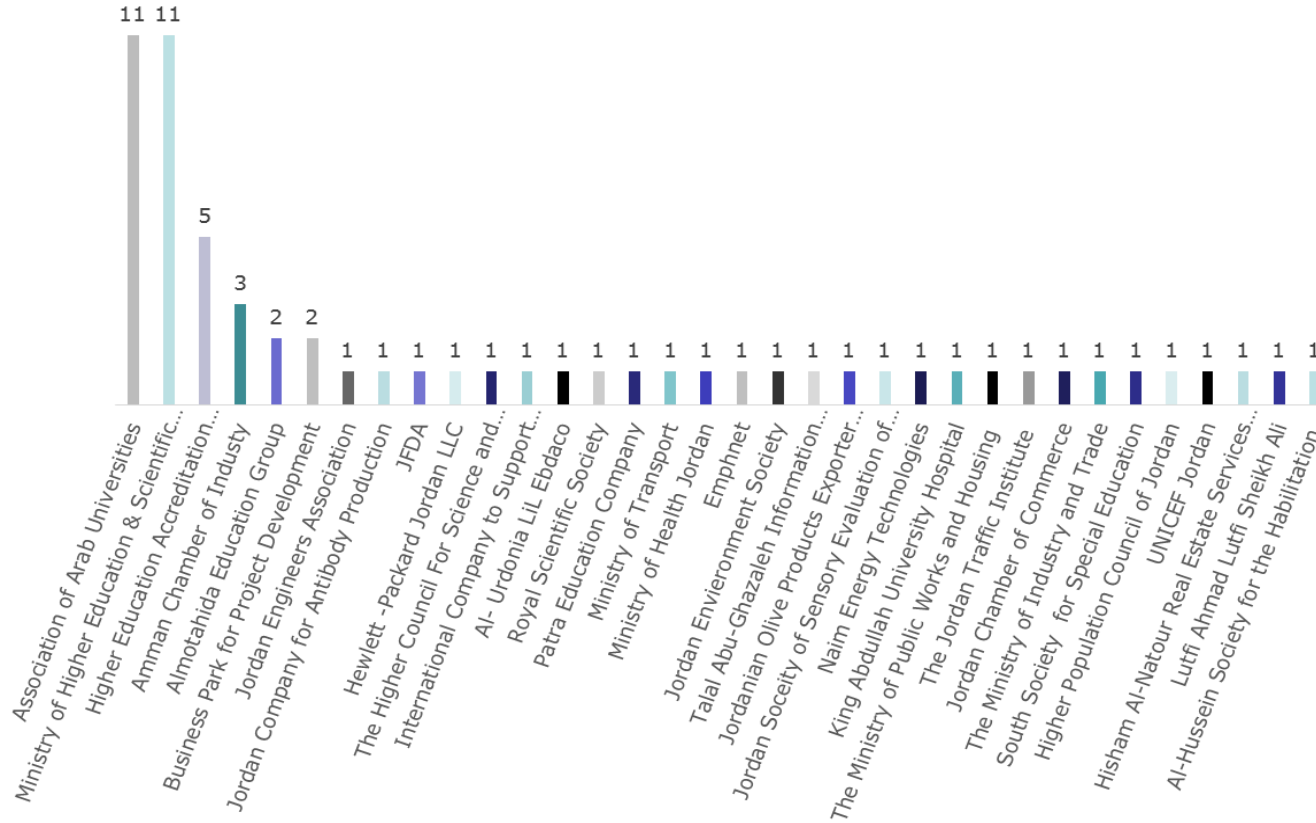


# T & Erasmus+ at Private Universities



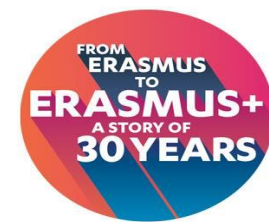
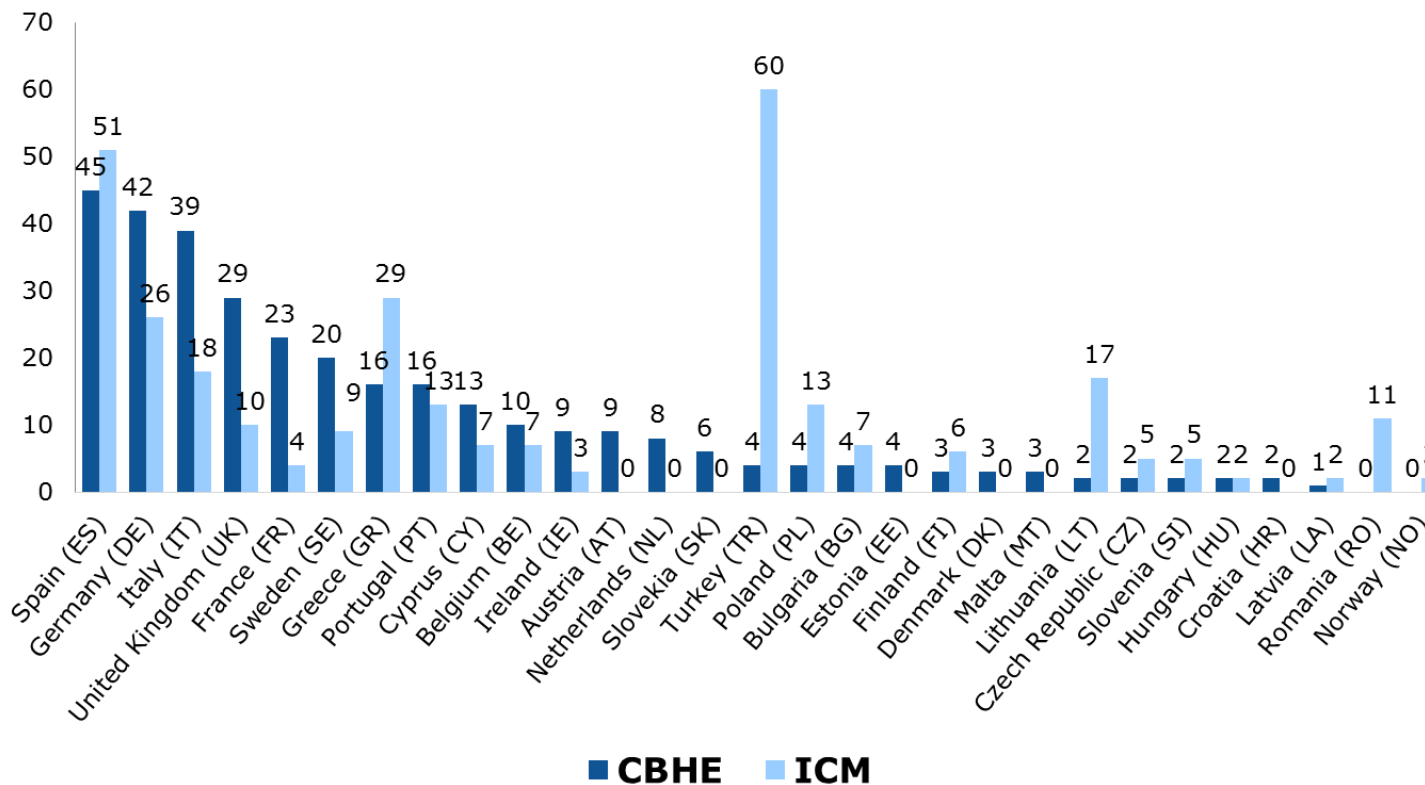


# T & CBHE Projects at Organizations





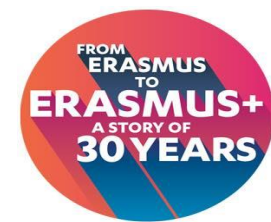
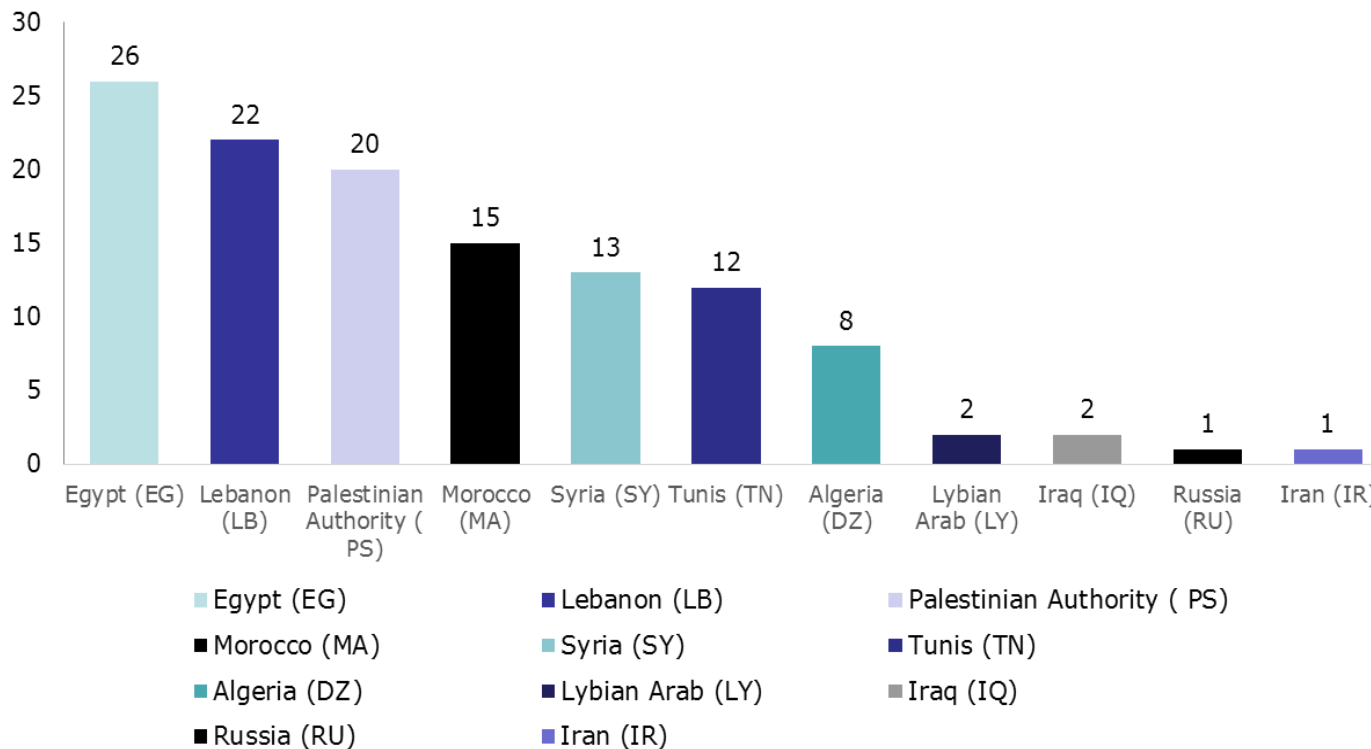
# Involvement of Program Countries in T & Erasmus+ Projects







## Involvement of Partner Countries in T & CBHE Projects





## Projects with Austria (AT)

Project ID	Title	Austrian HEI	Program Country	Jordanian Partner
<b>2003- JP31054</b>	Curricula Development for Integrated Water Resources Management (IWRM)	Institute of Advanced Studies Universitat fur Bodenkultur Wien	Germany	Jordan University of Science and Technology
<b>2010- JP511109</b>	Promoting the modernization and strengthening of institutional and financial autonomy in Southern Neighbouring Area higher education institutions	Fachhochschule Joanneum World University Service Austria	Germany Italy Spain	Al-Hussein Bin Talal University Princess Sumaya University for Technology
<b>2011- Jp516788</b>	curriculum development for Master Program of Environmental engineering and Climate change	University of Innsbruck	Germany Portugal	The Hashemite University
<b>2012- JP530332</b>	Modernising Undergraduate Renewable Energy Education: EU Experience for Jordan	Graz University of Technology	Cyprus Germany Italy Spain	Princess Sumaya University for Technology
<b>2013- SM544198</b>	Modernisation of Institutional Management of Internationalisation in South Neighbouring Countries: towards an internationalization Management Model	Carinthia University of Applied Sciences	France Netherlands Poland Germany Italy Spain	Ministry of Higher Education and Scientific Research Princess Sumaya University for Technology Association of Arab Universities Yarmouk University
<b>2016- JP573927</b>	Development of Enviromental Engineering and injection of climate change concept for Undergraduated curriculum :EU experience for Jordan and Syria	University of Innsbruck	Germany Portugal	University of Jordan Al Zaytoonah University of Jordan German Jordanian University Al Albayt Univerisy Jordan University of Science and Technology

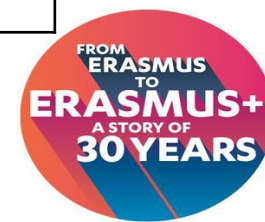




## Projects with Austria 2017

### HIGH LEVEL RENEWABLE AND ENERGY EFFICENCY MASTER COURSES

Country of applicant organization	Applicant Organization Name	Programme Country/ies involved (number of institutions)	Partner Country/ies involved (number of institutions)	Jordan Partner Institution	Austrian Partner Institution
<b>Austria</b>	UNIVERSITAET INNSBRUCK (AT)	AT(1), CY(1), DE(1), IT(1)	EG(2), JO(2), LB(2)	1) University of Jordan	UNIVERSITAET INNSBRUCK
				2) Jordan University of Science & Technology	





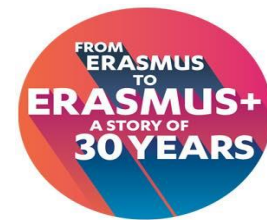
## **HIGH LEVEL RENEWABLE AND ENERGY EFFICIENCY MASTER COURSES**

The project aims to ensure that the universities in Egypt, Lebanon and Jordan can offer a high quality education compatible with European standards that meets the market needs of the emerging knowledge-based society by strengthening EE+RE teaching.

The main objective is to reform and improve existing master programs in EE+RE on single technologies and energy systems level in building and industrial sectors and improving/establishing Centers of EE+RE technologies in the partner countries cooperating with each other.

### **Programme Country Institutions:**

- **UNIVERSITAET INNSBRUCK, AT**
- UNIVERSITA DEGLI STUDI DI ROMA LA SAPIENZA, IT
- UNIVERSITY OF CYPRUS, CY
- TECHNISCHE UNIVERSITAET HAMBURG-HARBURG, DE

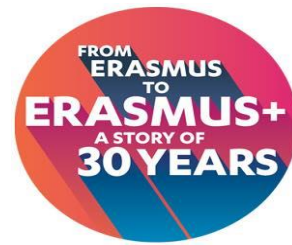
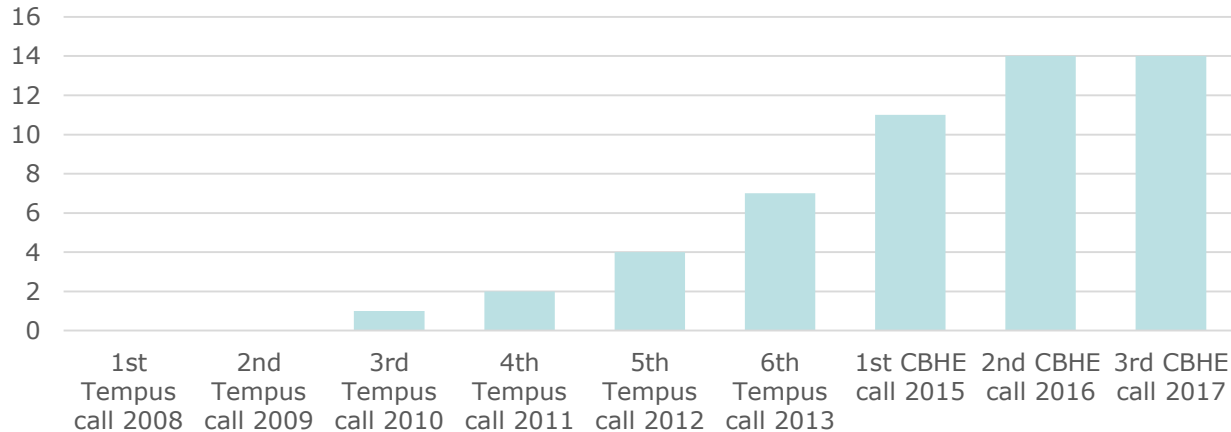




## Impact: Preparing and Managing Competitive Proposals

- Tempus and Erasmus+ enabled Jordanians to prepare better projects.
- ... and also to manage these projects.

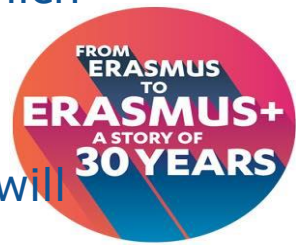
### Number of T & CBHE Projects Coordinated by Jordanian HEIs





## Impact: Establishing Collaboration with Programme & Partner Countries

- Jordanian HEIs established links and collaborated with their counterparts in **29** Programme Countries, Turkey, Russia, and 10 Arab countries including Iraq in addition to Iran for the first time.
- Links with these countries have considerable value, equal to or exceed direct benefits gained from projects in particular themes.
- Tempus & Erasmus+ helped public HEIs to collaborate with each other, and also for public and private HEIs to collaborate.
- And it helped linking academic institutes with enterprises, which is very valuable to graduates and the economic process.
- These links form a good and solid foundation for future cooperation between Jordan and Programme Countries that will last for many years to come





## Impact: Contributions to Curriculum Reform – New Programs

Development of new Masters & Bachelors programs, or reform of existing ones, in several fields of study, such as:

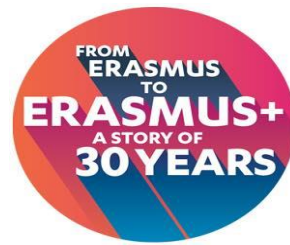
- Health Informatics
- Rehabilitation Sciences
- Archaeology and Cultural Heritage
- ICT and Forensic Computing
- Public Policy and Child Rights
- Renewable and Energy Efficiency
- Smart Control Systems for Energy Management
- Climate Change, Sustainable Agriculture and Food Security
- Engineering disciplines (Doctoral Education in Software Engineering)
- Traffic Safety
- .....





## Impact: Contributions to Institutional Development & Reform

- Introducing the concept of service learning into the curriculum
- Re-orienting university curricula to address sustainability
- Strengthening institutional capacity
- Assisting in the internationalization of higher education
- Modernizing and strengthening institutional and financial autonomy in HEIs
- Enhancing student services
- Enhancing quality assurance management in Jordanian universities

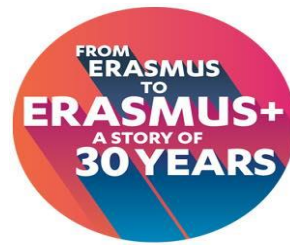






## Impact: Establishing Physical Facilities

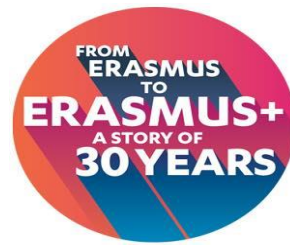
- Most Tempus & Erasmus+ projects enabled HEIs to establish teaching facilities to assist in delivering study programs.
- Several new facilities were established and some existing ones were enhanced (computer labs, servers to host e-learning material, video conference facilities, specialised equipment for certain disciplines).





## Impact: Enhancing Skills of Students, Faculty and Administrative Staff

- Thousands of Jordanian students, faculty members and administrators participated in exchange visits to Europe.
- Comparable numbers of European students and staff members participated in exchange visits to Jordan.
- Through these visits, students attended short summer courses (2 to 4 weeks duration), conducted case studies, and did internships.
- Visits had great impact on students' personalities, interpersonal skills, communication, leadership, cultural understanding, etc.
- Through these visits, staff members learnt how EU staff teach their courses, visited physical facilities, looked at training materials, reviewed lab experiments, saw how EU faculty interact with students, etc.
- Visits assisted Jordanian faculty members to enhance contents of their courses, enhance course delivery and assessment, draft specifications of new labs or update these, ...

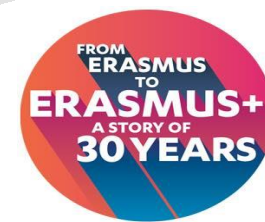




# Factors of Success – Project Level



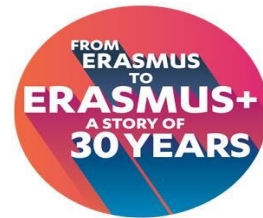
© Can Stock Photo - csp14962889





## Factors of Success: Program and Partner Countries HEIs

- Ownership and Commitment
- Willingness to share experience with others
- Knowledge of the situation in the partner countries
- Interest in learning (about other cultures)
- Experience in project management
- Effective and transparent procedures
- Sharing of project information with staff
- Flexibility and adaptability
- Willingness to give!





## Factors of Success: Environment

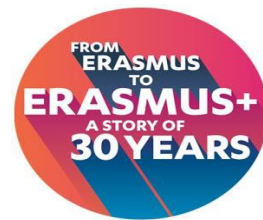
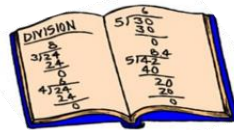
- Interest and commitment of **policy-makers** (ministry, other national structures)
- **Legal** and administrative framework
- **The National Erasmus+ Office:**
  - Good relations with government and HEIs
  - Good relations with EU Delegation and EU offices
  - Highly visible awareness campaigns
  - Close follow-up (and monitoring) of projects
  - Frequent visits to HEIs and talk to top management.
  - Good/sincere efforts to assist/support/advise staff & students
  - Disseminating best practice and giving advice to improve.
  - Establishing confidence & earn respect for the program!
  - NEO is there to help when & if needed – and not a policeman!





## Challenges

- Better understanding and appreciation of the [Bologna Process](#) and its tools
- Developing relevant projects in [Structural Measures](#) and achieving **actual benefits**
- Several Jordanian HEIs have [little or no involvement](#) in projects.
- Only few T & E+ projects in [humanities and social sciences](#).
- [Results](#) in International Credit Mobility of E+ are still below expectation – both in number and coverage of HEIs.
- One project so far in [Jean Monnet](#).





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National Erasmus+ Office - Jordan



## References:

National Erasmus+ Office – Jordan

Email: [Erasmus-Plus@mohe.gov.jo](mailto:Erasmus-Plus@mohe.gov.jo)

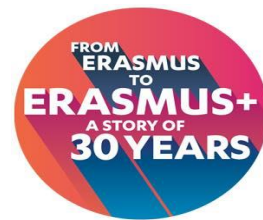
Website: [www.erasmus-plus.org.jo](http://www.erasmus-plus.org.jo)

Ministry of Higher Education and Scientific Research/Jordan

<http://www.mohe.gov.jo>

Accreditation and Quality Assurance Commission for Higher  
Education/ Jordan

<http://www.heac.org.jo/>





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***Thank You for your patience***

