



Co-funded by the
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DeCAIR Project Overview

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Developing Curricula for Artificial Intelligence and Robotics (DeCAIR)
618535-EPP-1-2020-1-JO-EPPKA2-CBHE-JP

Outline

- Consortium
- Objectives
- Budget
- Work Packages
- Activities
- Plan
- Management and Communication
- First Steps
- Discussion

Consortium

No		Partner	Country	Type
1	UJ	The University of Jordan	Jordan	Partner Countries
2	JUST	Jordan University of Science and Technology	Jordan	
3	TTU	Tafila Technical University	Jordan	
4	LU	Lebanese University	Lebanon	
5	BAU	Beirut Arab University	Lebanon	
6	UNUPI	University of Pisa	Italy	Program Countries
7	UNIGE	University of Genoa	Italy	
8	UGR	University of Granada	Spain	
9	UST	University of Stuttgart	Germany	
10	CTD	Creative Thinking Development	Greece	

Project Objectives

1. **Qualifying experts** in the fields of **AI and robotics (AIR)** who can conduct research and solve problems by utilizing the technologies of AIR through the **establishment** of **new master and bachelor programs**
2. **Building and improving the teaching capacity** in AIR at the partner universities of the Partner Countries
3. **Improving** the AIR **capabilities** of **graduates from existing** master and bachelor **programs**

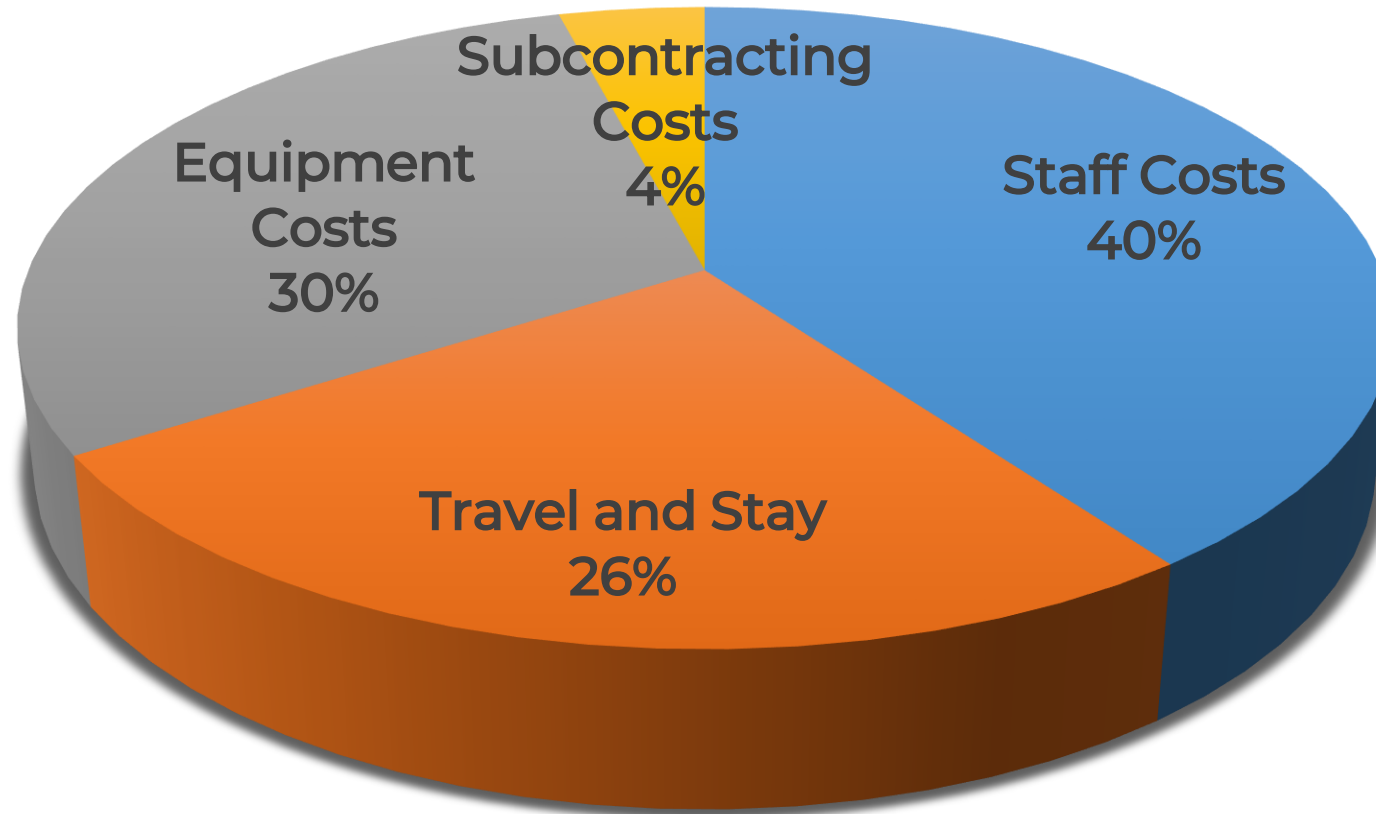
Project Objectives – cont.

4. **Establishing and developing modern AIR labs** in universities of Partner Countries to improve the practical skills of university graduates
5. **Building networks** of highly qualified professionals in the areas of AIR among **South Mediterranean** and **European countries**
6. **Improving collaboration** with the local, regional and European **industry** and community for applying AIR technologies in **solving industry** and **community problems**
7. **Disseminating** and **implementing modern teaching methods** such as flipped learning, and project-based learning in the developed master program

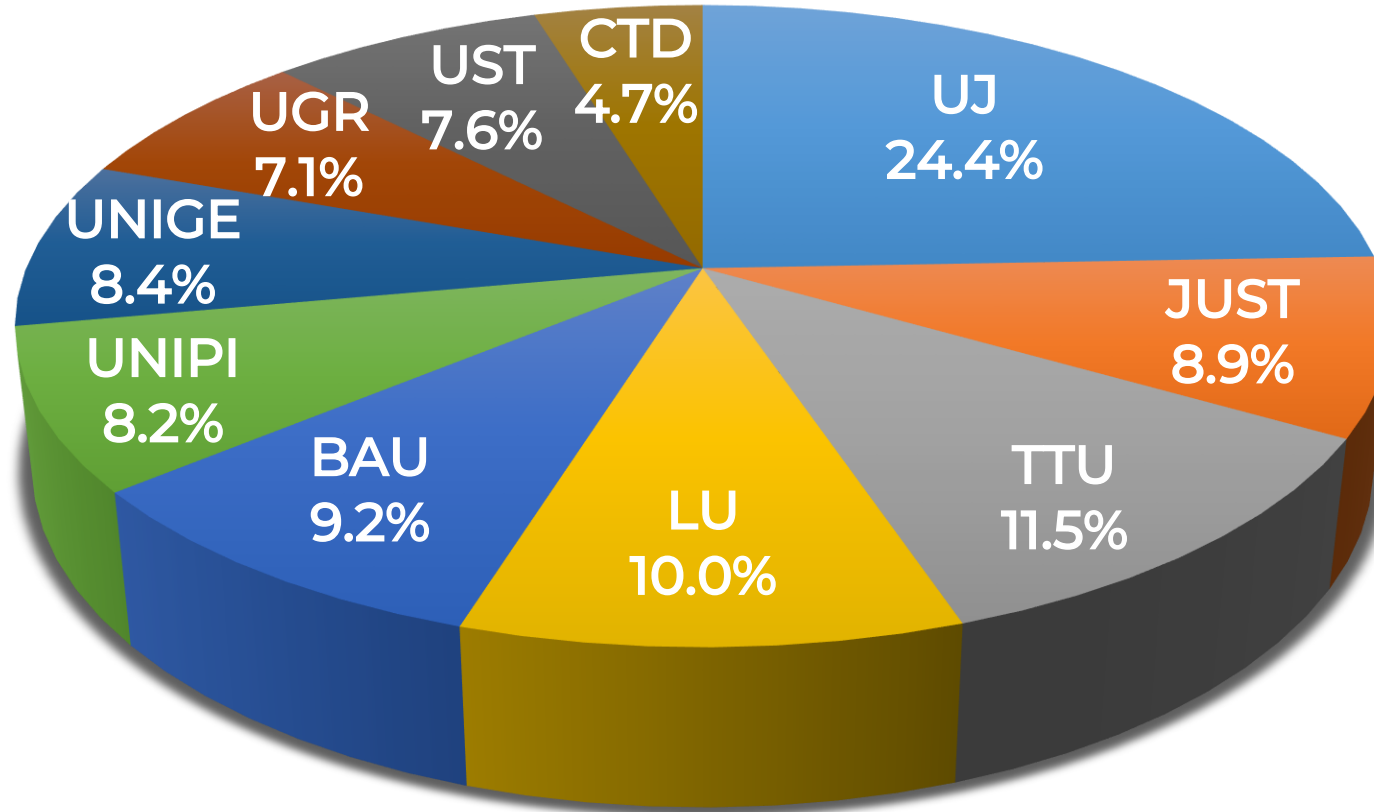
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Budget – €850,108



Budget Share per Partner



Budget Details

	Partner	Staff Costs	Travel and Stay	Equipment Costs	Subcontracting Costs	Total
UJ	The University of Jordan	51,482	47,430	95,880	12,597	207,389
JUST	Jordan University of Science and Technology	14,086	25,713	36,210		76,009
TTU	Tafila Technical University	18,791	26,505	50,490	2,000	97,786
LU	Lebanese University	21,620	25,810	36,210	1,090	84,730
BAU	Beirut Arab University	17,529	24,080	36,210		77,819
UNIPI	University of Pisa	52,599	14,480		2,250	69,329
UNIGE	University of Genoa	54,337	13,810		3,150	71,297
UGR	University of Granada	41,502	16,870		2,250	60,622
UST	University of Stuttgart	49,782	13,880		1,350	65,012
CTD	Creative Thinking Development	18,260	11,855		10,000	40,115
		339,988	220,433	255,000	34,687	850,108

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Work Packages

Type	No.	Title	Lead
Preparation	WP1	Surveys and needs identification	JUST
Development	WP2	Development of new MSc and BSc programs in AIR	UNIGE
	WP3	Implementing the new MSc program in UJ	UJ
	WP4	Implementing the new BSc program in TTU	TTU
	WP5	Improving curricula of current MSc programs in JO and LB	UST
	WP6	Improving curricula of current BSc programs in JO and LB	UGR
	WP7	Building capacity in AIR in universities of Partner Countries	UNIFI
	WP8	Establishing and developing AIR labs	BAU
	WP9	Implementing modern teaching methods	UJ
	Quality	WP10	Quality assurance
Dissemination	WP11	Collaboration with industry and community	LU
	WP12	Results dissemination	LU
Management	WP13	Management	UJ

WP1: Surveys and needs identification

No.	Activity
1.1	Identifications of needs for AIR expertise and professionals in Jordan and Lebanon
1.2	Survey and evaluation of similar AIR master programs
1.3	Survey and evaluation of AIR courses in similar bachelor programs
1.4	Survey of training needs
1.5	Survey of facilities and equipment
1.6	Surveys report

WP2: Development of new MSc and BSc programs in AIR

No.	Activity
2.1	Defining the structure of the new master and bachelor programs in terms of curricula based on the surveys' results.
2.2	Designing and developing syllabi and content for the agreed upon courses in the new programs
2.3	Securing approval for the new programs at the institutional and national levels in Jordan

WP3: Implementing the new MSc program in UJ

No.	Activity
3.1	Advertising and marketing the new master program in Jordan
3.2	Activating the new master program by admitting students and starting the teaching and supervising processes

WP4: Implementing the new BSc program in TTU

No.	Activity
4.1	Advertising and marketing the new bachelor program in Jordan
4.2	Activating the new bachelor program by admitting students and starting the teaching and supervising processes

WP5: Improving curricula of current MSc programs in JO and LB

No.	Activity
5.1	Developing syllabi and content for added/modified courses in existing master programs in universities of partner countries.
5.2	Approval for the modified or added courses to existing master programs from the governing university boards
5.3	Implementing improved/new courses in universities of Partner Countries by scheduling and offering the courses for enrolment

WP6: Improving curricula of current BSc programs in JO and LB

No.	Activity
6.1	Developing syllabi and content for added/modified courses in existing bachelor programs in universities of partner countries.
6.2	Approval for the modified or added courses to existing bachelor programs from the governing university boards
6.3	Implementing improved/new courses in universities of Partner Countries by scheduling and offering the courses for enrolment

WP7: Building capacity in AIR in universities of Partner Countries

No.	Activity
7.1	Organizing short training courses in the partner universities of the Program Countries
7.2	Organizing training courses in Jordan and Lebanon by European trainers from the partner universities of the Program Countries

WP8: Establishing and developing AIR labs

No.	Activity
8.1	Preparation of the laboratory equipment specifications and lab requirements
8.2	Purchase and delivery of the laboratory equipment
8.3	Installation of the purchased equipment by trained engineers who will receive proper training in advance related to the setup, operation and maintenance of the lab equipment
8.4	Design of the lab manuals that includes the experiment that will be conducted by the students enrolled in the labs.

WP9: Implementing modern teaching methods

No.	Activity
9.1	Raising team awareness of available modern teaching methods
9.2	Implementing two pilot MSc courses that utilizes modern teaching methods

WP10: Quality assurance

No.	Activity
10.1	Form QA and evaluation plan for the project
10.2	Developing selection criteria for master students who will be enrolled in the new masters program
10.3	National accreditation of the new programs and approval of the new/modified courses for existing programs by the relevant boards
10.4	Monitoring program progress and evaluation of individual courses
10.5	External evaluation
10.6	Final evaluation report of the project at end of the third year

WP11: Collaboration with industry and community

No.	Activity
11.1	Organizing awareness workshops in Jordan and Lebanon in AIR
11.2	Organizing meetings to streamline problem identification and solution among industry and academia

WP12: Results dissemination

No.	Activity
12.1	Building a website for publishing the project activities results
12.2	Organizing workshops in Jordan to announce the new programs
12.3	Organizing workshops in Jordan and Lebanon to announce the improved graduate and undergraduate programs
12.4	Produce brochure and handbook for the new master and bachelor programs

WPI3: Management

No.	Activity
13.1	Organizing the kick-off meeting
13.2	Form the project steering committee
13.3	Holding monthly meetings
13.4	External financial auditing

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Management and Communication

- **Kick off meeting**

- Forming the Steering Committee (SC)
- Forming the Quality Committee (QC)
- Develop and adopt the detailed plan
- Establish common aims and purposes of the project

- **SC monthly online meetings**

- Ensure proper operations of the project in all financial, academic, and administrative aspects.

Steering Committee

- A Steering Committee (SC) will be set up at the kick-off meeting, composed by a **representative** for **each partner** and chaired by UJ.
- The SC will **make strategic decisions** about the development of the project and **ensure** that **activities** are **well organized** and **completed** on schedule.
- SC will **meet twice each year**; once at partner countries and the other in a PC.
- **Minutes of SC meetings** will be **published** promptly in the project repository.

Steering Committee

No	Partner	Member
1	UJ	Gheith Abandah (chair)
2	JUST	Wafa Batayneh
3	TTU	Murad Alaqtash
4	LU	Clovis Francis
5	BAU	Soubhi Abou-Chahine
6	UNIFI	Lucia Pallottino
7	UNIGE	Francesco Masulli
8	UGR	Jorge Casillas
9	UST	Peter Eberhard
10	CTD	Dimos Papakonstantinou

Quality Committee

- Quality Committee (QC) composed of one representative for **each partner university** and **three European Partners**.
- The QC will **ensure** that **QA plan** is **developed** and **enforced**, and all activities are well organized and completed on schedule and ensure that all objectives are achieved.
- **Please nominate members for QC**

Quality Committee

No	Partner	Member
1	UJ	
2	JUST	
3	TTU	Ahmad Al-Jaafreh
4	LU	
5	BAU	
6	UNIPi	
7	UNIGE	Stefano Rovetta
8	UGR	
9	UST	
10	CTD	Sofia Papakonstantinou (Chair)

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First Steps

- Sign the **partnership agreements**
- Transfer **pre-financing payment**
- **Record** your **staff effort** to claim it
- Study **your WP** and start leading it (welcome to suggest changes)
- Participate in the **survey WP** to **identify needs**
- Next SC meeting **mid February 2021**

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Final Note

- Thank you all
- I am glad that we have known us better
- We are committed to successful and enjoyable project