



Knowledge and Innovation Transfer through Technology Transfer Offices (TTOs):
Enhancement of cooperation & collaboration among academic/research organizations and private profit/non-profit sector to strengthen socio-economic development efforts.

Location: CIHEAM Bari (Documentation Centre)
21-23 September 2021

Strengthening Knowledge Management for Greater Development Effectiveness in the Near East, North Africa, Central Asia, and Europe (SKiM) is a grant project led by ICARDA and funded by IFAD. The project also involves international partners such as CIHEAM-Bari, PROCASUR, Virginia Tech as well as NARS, governments, academic institutions and agri-extension services in Moldova, Morocco and Sudan.

SKiM priority objectives include the following approaches to the development of partnerships and implementation of activities:

- Support the partners' sharing and dissemination of existing knowledge and rural solutions tested and proven as "best practices" by farmers in local contexts, with a focus on strengthening capacity and their capability for autonomous knowledge transfer;
- Strengthen public institutions' capacities in knowledge management across the target regions, connecting stakeholders to meaningful networks and communities of practice, linking results for sustainability in regional development and SSTC;
- Knowledge interventions are modelled to affect three key thematic areas - financial inclusion of rural women and youth; natural resource management and climate resilience; productive agricultural technologies - relevant to the strengthening of development effectiveness in the target countries, through tailored activities aimed at meeting the needs assessed in the thorough, preliminary SKiM Capacity Needs Assessment study.

The Training

Universities and research centres are traditionally thought of as a place for higher education and research but are also aimed at engaging in dialogue with society to contribute to social, cultural, and economic development. Universities and research centres are called upon to build bridges with businesses, civil society and the territories by leveraging competitiveness. This is the framework in which the "University's Third Mission" activities are defined. The University's Third Mission obliges to enhance the human capital trained by universities, research results and innovation, encouraging the creation of new businesses (start-ups) and innovation in senior companies, through the "Open Innovation" (OI) methodology. By involving external entities – such as companies, associations, organizations – and by focusing on the promotion of knowledge outreach and uptake, the academic and research institutions can contribute to the socio-economic development of the territory, while linking for regional strengthening.

Objective

In accordance with the SKiM framework and its Capacity Development and Innovation Plans, this training brings focus on the "Third Mission" for research and academic institutions through an innovative approach which looks at the 3 different functions of the Technology Transfer Offices services: 1) new companies' creation (e.g. start-ups and spin offs; 2) cooperation with universities and the business system; 3) intellectual property's right management. All the sessions will be combined with guidance on best practices.



Methodology

The Training will be organized at CIHEAM Bari taking into consideration the national provisions in force to prevent infection from SARS-CoV-2. From 1 September, the COVID-19 vaccination certification (green pass) is compulsory for access to the CIHEAM campus.

Due to Covid 19 new provisions, the programme was reduced from 5 days to 3 intensive days, in compliance with the new regulation : *“whoever enters Italy for a period not **exceeding one hundred and twenty (120) hours** for proven work, health or absolute urgency needs, with the obligation, at the expiry of said term, to leave the national territory immediately or, failing that, to initiate the five (5) day fiduciary isolation period at the Address indicated in the dPLF and perform a molecular or antigen test upon completion of isolation”*.

The training will consist of **3 days** of lectures as well as simulation activities where lecturers will present the basics of technology transfer offices’ role, organization, and functions and the three main pillars of the TTOs’ activities, using an interactive mode where participants will be invited to share their ideas.

Each day will be devoted to one of the pillars and on the last day there will be interactive session where the lecturer will simulate a TTO together with participants. In addition, colleagues from CIHEAM Bari will share their experiences and best practices implemented in the framework of cooperation projects targeting women and young people. There will also be a technical tour of the campus where participants will be able to learn about the policies, calls and competitions to encourage youth entrepreneurship.

The training will be held in the morning from 09.00 to 13.00 and in the afternoon starting at 14.30 to 17.00.

At the end of the training, the Course will be digitised to provide Open Access for the MIP platform to ensure reuse of the material by national partners and augmented audience after training completion.

Participants

The course participants will be designated by the partner institutions of the three targeted countries. Expected total number is maximum 15 participants in presence (up to 5 participants per country). Participants shall be fluent in English, which is the delivery language of the course. They should be negative for the Covid-19 test or, if vaccinated, they must present the vaccination document.



Agenda

<p>Day 1 Tuesday 21 September</p>	<p>Morning session – opening ceremony This session will give a general overview about CIHEAM Bari activities based on training, research and cooperation projects with a focus on knowledge transfer activities targeting youth and women, SKIM project achievements and expected results, besides institutional speeches.</p>	
<p>09.30-11.00</p>	<p>Welcome speech and CIHEAM Bari activities</p>	<p><i>Maurizio Raeli</i> <i>CIHEAM Bari Director</i></p>
	<p>University of Bari (UNIBA)</p>	<p><i>Teodoro Miano</i> <i>Rector's delegate at UNIBA for internationalization</i></p>
	<p>Innovation and youth entrepreneurship at CIHEAM Bari</p>	<p><i>Damiano Petruzzella</i> <i>Head of the Innovation Knowledge Unit CIHEAM Bari</i></p>
	<p>SKiM overview: activities achieved, outputs, future activities</p>	<p><i>Akmal Akramkhanov</i> <i>SKiM project manager ICARDA</i></p>
	<p>Presentation of participants</p>	
<p>11.00-11.15</p>	<p>Coffee break</p>	
<p>11.15-11.45</p>	<p>Apulia region's support for young entrepreneur through support schemes and initiatives</p>	<p><i>Lorenzo Minielli</i> <i>Apulia Region(Puglia Sviluppo)</i></p> <p><i>Valeria Patruno</i> <i>Apulia Region (ARTI agency)</i></p>
	<p>European Institute of Innovation & Technology (EIT) EIT FOOD- a European Knowledge and Innovation Community (KIC): Innovation-Education and entrepreneurship.</p>	<p><i>Barbara De Ruggieri</i> <i>EIT-food</i> <i>National Hub -Bari</i></p>
<p>11.45-12.00</p>	<p>Strengthening the Mediterranean Innovation Ecosystem: MIP Network</p>	<p><i>Jocelyne Jawhar</i> <i>MIP management</i> <i>CIHEAM Bari</i></p>
<p>12.00-12.15</p>	<p>Best practices in the</p>	<p><i>Nicola Lamaddalena</i></p>



	Irrigation department at CIHEAM Bari	<i>Deputy Director CIHEAM Bari</i>
12.15-12.30	Master courses at CIHEAM Bari	<i>Lamberto Lamberti Coordinator of Master courses CIHEAM Bari</i>
12.30-13.00	Discussion	
13.00	Lunch at CIHEAM Bari restaurant	
14.30-17.00	<p style="text-align: center;">Afternoon session</p> <p>Introduction to Technology Transfer Offices This session is introductory to TTOs, their functions, role and to the three pillars that will be detailed in this training. Technology transfer offices' roles, activities, and responsibilities form the basis for an effective technology transfer business model framework. Best practices from all over Europe will be shared.</p>	
	Role, organization and functions of technology transfer offices	<i>Annamaria Demarinis University of Bari – Innovation & Creativity Center Jocelyne Jawhar & Francesco Notarangelo CIHEAM Bari</i>



<p>Day 02. Wednesday 22 September</p>	<p>Introduction to TTO's first pillar: Entrepreneurship support (start-ups and spin-off creation); The goal of a technology transfer office should be to encourage entrepreneurship: stimulate students and researchers to enhance their knowledge through the creation, also in collaboration with the private sector, of new businesses: startups or spin offs.</p>	
<p>09.30-12.3.0</p>	<p>Entrepreneurship support through start-ups and spin-off</p>	<p><i>Giordano Dichter</i> <i>CIHEAM Bari</i></p>
<p>11.00-11.15</p>	<p>Coffee break</p>	
<p>13.00</p>	<p>Lunch</p>	
	<p>Afternoon session Introduction to TTO's second pillar: cooperation with universities and the business system This session will give an overview about the collaboration between universities, research centers and the industry that is increasingly perceived as a vehicle to enhance innovation through the creativity of students and young people (open innovation approach)</p>	
<p>14.30-17.30</p>	<p>Open Innovation - Collaboration among enterprises and university</p>	<p><i>Donatello Macario</i> <i>CIHEAM Bari</i> <i>Francesco D'Onghia</i> <i>Almacube- Bologna</i></p>

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<p>Day 3 Thursday 23 September</p>	<p style="text-align: center;">Morning session</p> <p>Introduction to TTO's third pillar: Intellectual property's management</p> <p>The intersection between intellectual property (IP) management and technology transfer offices (TTOs) in the context of universities to understand how TTOs manage IP. IP management is an important issue, as it both enables and restricts the utilization of research results and impacts the competitiveness of technology-based businesses.</p>	
<p>09.30-12.00</p>	<p>IP protection, tools and practice</p>	<p><i>Shiva Loccisano</i> <i>Polytechnic University of Turin</i></p>
<p>10.30-10.45</p>	<p>Coffee break</p>	
<p>12.00-13.00</p>	<p>Visit to CIHEAM Bari laboratories and insectarium Donato Mondelli and Vincenzo Verrastro</p>	
<p>13.00</p>	<p>Lunch</p>	
	<p style="text-align: center;">Afternoon session</p> <p>Simulation of the daily activities of a university's technology transfer office Interactive session</p>	
<p>14.30-17.00</p>	<p>Managing IP in research collaboration. An hands-on simulation based on real cases</p>	<p><i>Shiva Loccisano</i> <i>Polytechnic University of Turin</i></p> <p><i>Annamaria Demarinis</i> <i>University of Bari</i></p>
<p>17.00-18.00</p>	<p>Conclusions and closure with awarding of certificates</p>	
	<p>Visit and dinner</p>	