

**SKim**  
Strengthening Knowledge Management  
for Greater Development Effectiveness  
in the Near East, North Africa,  
Central Asia and Europe



**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**



*DAMIANO PETRUZZELLA*

YOUTH ENTREPREUNERSHIP & OPEN INNOVATION



# CIHEAM AGENDA 2025

## OUR MISSIONS



**Combating**  
Triple  
Waste

**Boosting**  
Sustainable Agriculture  
and Food

**Investing**  
In New Generations and  
Fragile Territories

**Preventing**  
Risk and  
Managing Tensions

1 Knowledge & Know-How

4 Mediterranean Diet

8 Youth employability & employment

12 Mobilities & Migrations

2 Natural Resources & Energy

5 Agro-Ecology

9 Rural Development

13 Climate Change

3 Food Chain

6 Food Safety & Quality

10 Gender Equality & Vulnerable Groups Inclusion

14 Animal & Plant Health

7 Access to Food

11 Agro-Smart Business

15 Agricultural Markets

### OUR TOOLS

Education and Training

Research and Innovation

Networks and Open Knowledge Platforms

Projects and Technical Assistance

Policy Dialogue and Partnerships

### OUR APPROACHES

Holistic vision of Development

Multilateral Approach

Bottom-Up Collaboration

Problem Solving Oriented Projects

# OUR STARTING POINT

The Global Entrepreneurship Index ranking of MED countries (GEI 2019).

Country	Rank		
	2017	2018	2019
Albania	80	83	87
Algeria	73	80	88
Egypt	81	76	81
France	13	10	14
Greece	49	48	50
Italy	46	42	36
Jordan	56	49	63
Lebanon	63	59	66
Morocco	70	65	68
Palestine	ND	ND	ND
Portugal	29	31	32
Spain	33	34	31
Tunisia	42	40	53
Turkey	36	37	44

<sup>3</sup> The GEI is an annual index that measures the health of the entrepreneurship ecosystems in each of 137 countries. It then ranks the performance of these against each other. This provides a picture of how each country performs in both the domestic and international context.

Performance of MED countries in the area of innovation over the years (GII, 2018).

Country	Rank		
	2011	2017	2018
Morocco	80	72	76
Tunisia	37	74	66
Lebanon	115	81	90
Jordan	77	83	79
Egypt	103	105	95
Algeria	132	108	110
Albania	-	93	83
Palestine	-	> 127	> 126
Italy	-	29	31

**MORE INNOVATION, MORE COMPETITIVENESS,  
MORE EMPLOYMENT**



in 2050, the countries of the African shore should count a number of under 25s higher than that of the other two joint banks: according to the forecast scenario, **111 million young people** under the age of 25 will live in the countries of the African shore against 50 millions of those on the Asian side and 42 million on the European side. More than 50% of the "Mediterranean youth" will be concentrated in just five countries: Morocco, Algeria, Tunisia, Libya and Egypt (2019, United Nation)

Here we mean by Mediterranean countries those that have recognized access to this sea. These are 22 countries spread over three shores: the northern or European shore includes, from west to east, Spain, France, the Principality of Monaco, Italy, Malta, Slovenia, Croatia, Bosnia-Herzegovina, Montenegro, Albania and Greece; the eastern or Asian shore includes, from north to south, Turkey, Cyprus, the Syrian Arab Republic, Lebanon, Israel and the State of Palestine; Finally, the southern or African shore consists, from east to west, of Egypt, Libya, Tunisia, Algeria and Morocco

YOUTH  
ENTREPREUNERSHIP &  
INNOVATION



**CIHEAM**  
**BARI**



MEDITERRANEAN INNOVATION HUB  
Università di Bari, Almacube-Unibo, Legacoop,  
Confindustria e Confcooperative

International Master «OPEN INNOVATION AND  
YOUTH ENTREPREUNERSHIP IN THE  
MEDITERREAN REGION»

MEDITERRANEAN INNOVATION  
PARTNERSHIP - MIP

MEDAB: Mediterranean  
incubator

KNOWLEDGE UNIT "youth  
entrepreneurship & Innovation"

● 2015

2016



2016



2019



2020



2021...



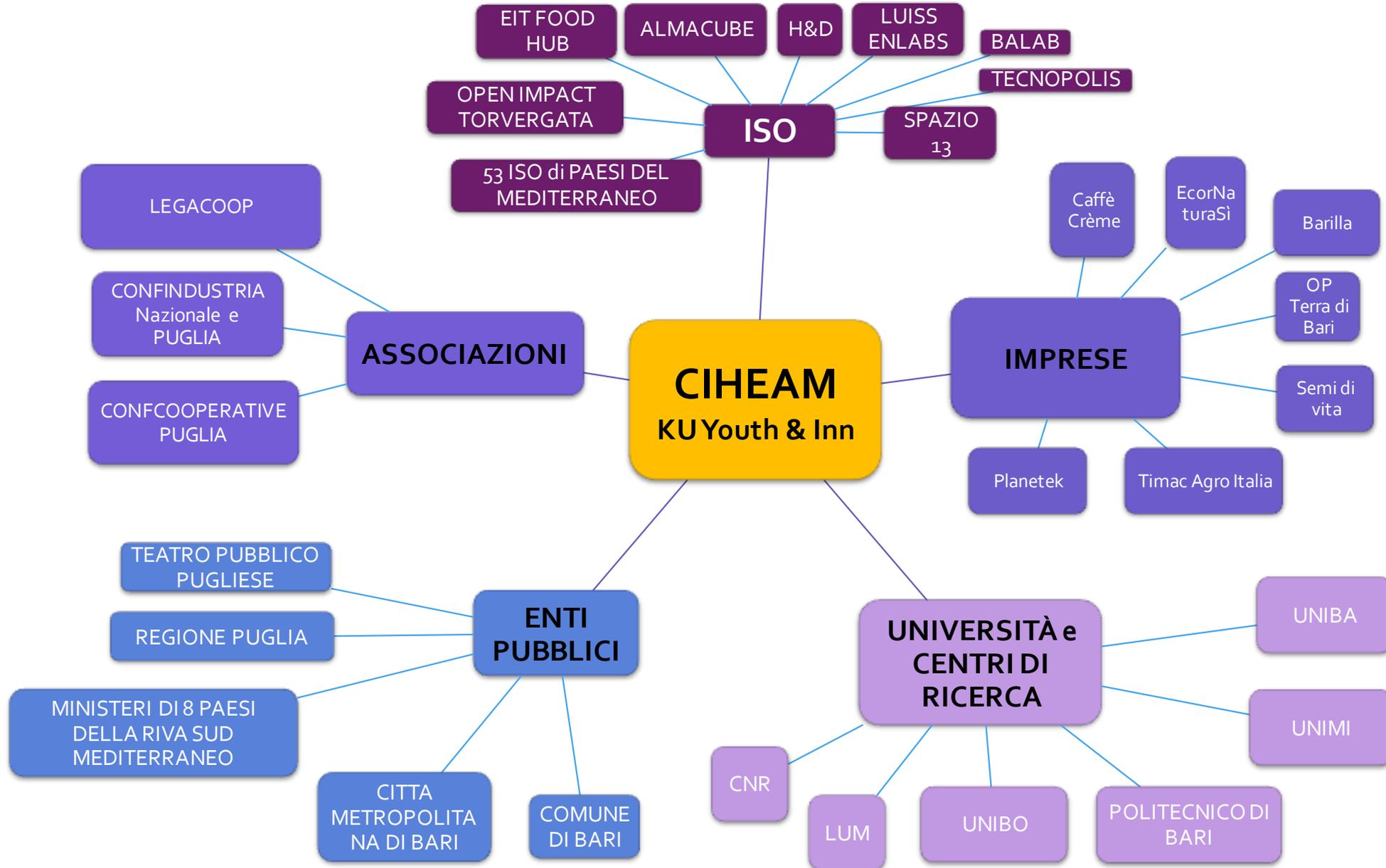
# OUR APPROACH?

# BUILD ECOSYSTEMS

Join us in building up the Mediterranean Innovation Ecosystem

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# OUR ECOSYSTEM



## STRATEGIC NETWORK

### MIP - MEDITERRANEAN INNOVATION PARTNERSHIP

Albania, Algeria, Egitto, Giordania, Libano, Marocco, Palestina, Tunisia and two international organization ICARDA ed EMUNI.

Coordinator: **CIHEAM Bari**

### MEDITERRANEAN INNOVATION HUB

The Mediterranean Innovation Hub is a public-private international centre of excellence for innovation and creation of new businesses. It combines training, internationalization and open innovation. It involves young people, startups and innovative businesses to join skills and activities and create new development and employment opportunities.



# OBJECTIVES

Support  
innovation  
process

1. Strengthen the skills of young people by fostering the enterprise and self-entrepreneurial culture
2. Creation and strengthening of ISO - Innovation support organization
3. Innovating businesses through young people
4. Develop a Mediterranean ecosystem for innovation and business creation
5. Promote processes of innovation and social inclusion in urban-rural systems

# TOOLS



Start Up Program



Open Innovation Program / Design Thinking Lab



Networking



TRAINING



Design partecipativo & Matching

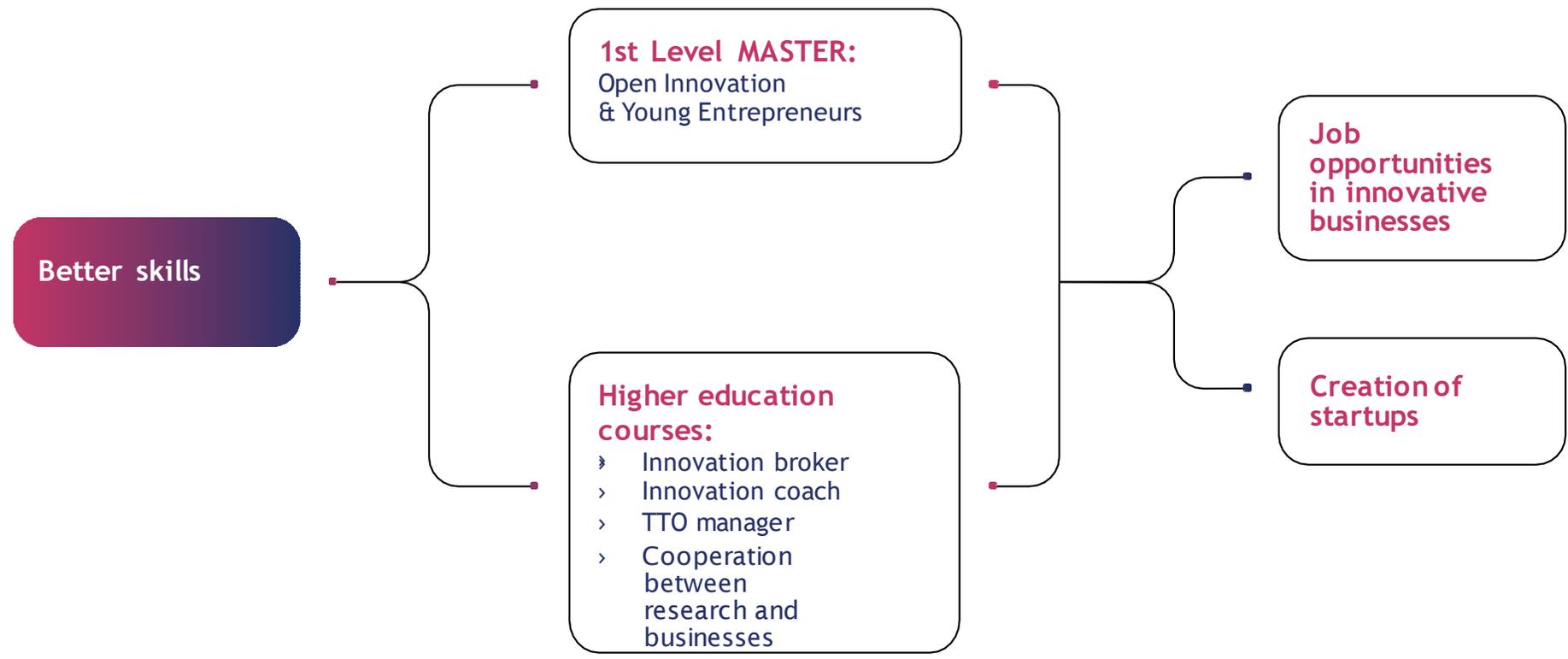
- ❑ Living lab, community of practice, service design
- ❑ hackathon, brokeraggio, investor day, workcaffè

1. Strengthen the skills of young people by fostering the enterprise and self-entrepreneurial culture



MASTER'S PROGRAMMES & SHORT COURSES

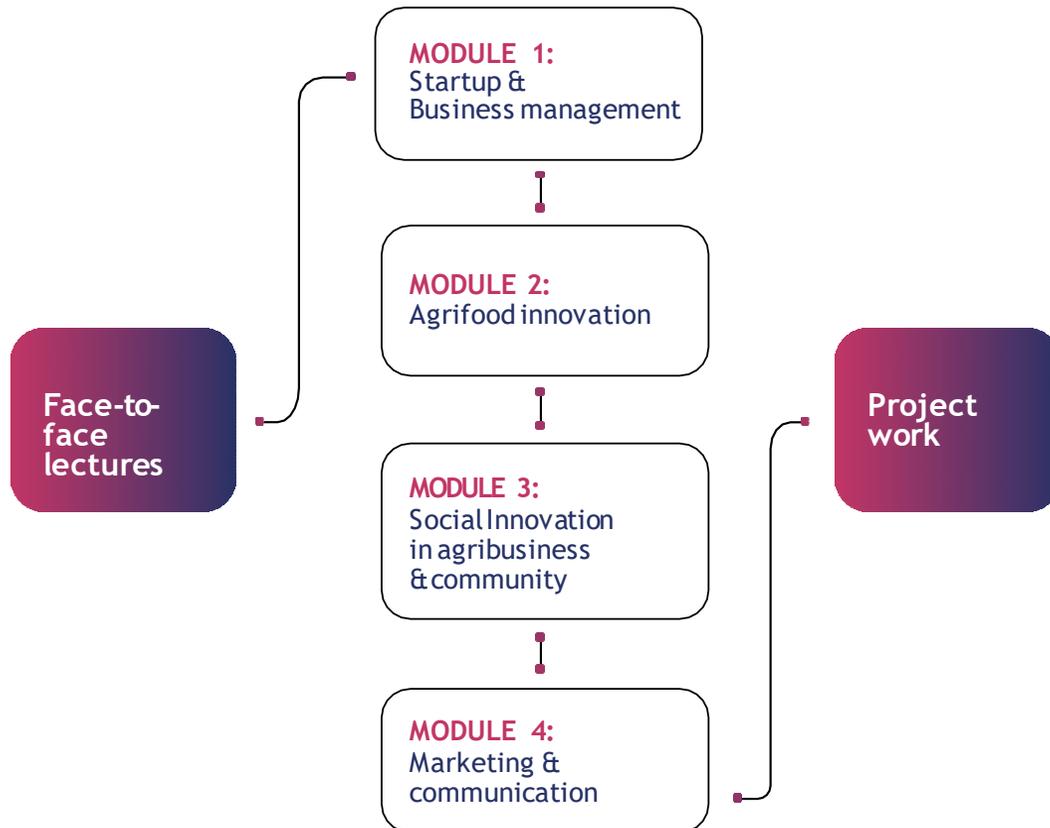
# BETTER SKILLS





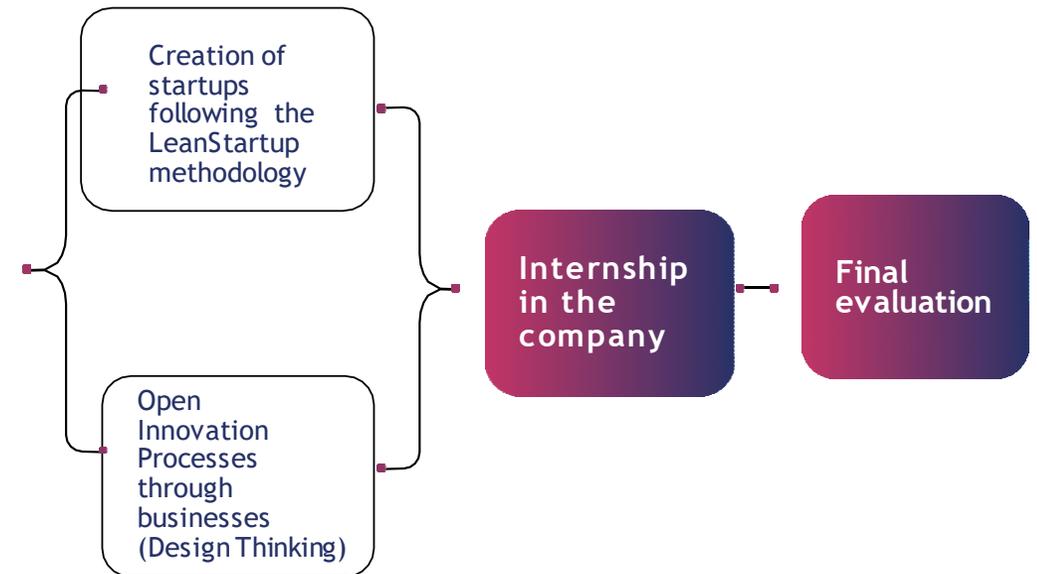
MASTER & CORSI BREVI

# BETTER SKILLS



1° LEVEL MASTER

## OPEN INNOVATION AND YOUTH ENTREPRENEURSHIP IN THE MEDITERRANEAN AGRIFOOD SECTOR





Master di I Livello in

# OPEN INNOVATION AND YOUTH ENTREPRENEURSHIP IN THE MEDITERRANEAN AGRIFOOD SECTOR



The Master "Open innovation and youth entrepreneurship in the mediterranean agrifood sector" will start on 15 December 2021 and will end in June 2022.

The total duration is 1500 hours or 60 ECTS credits.  
Deadline 15 september

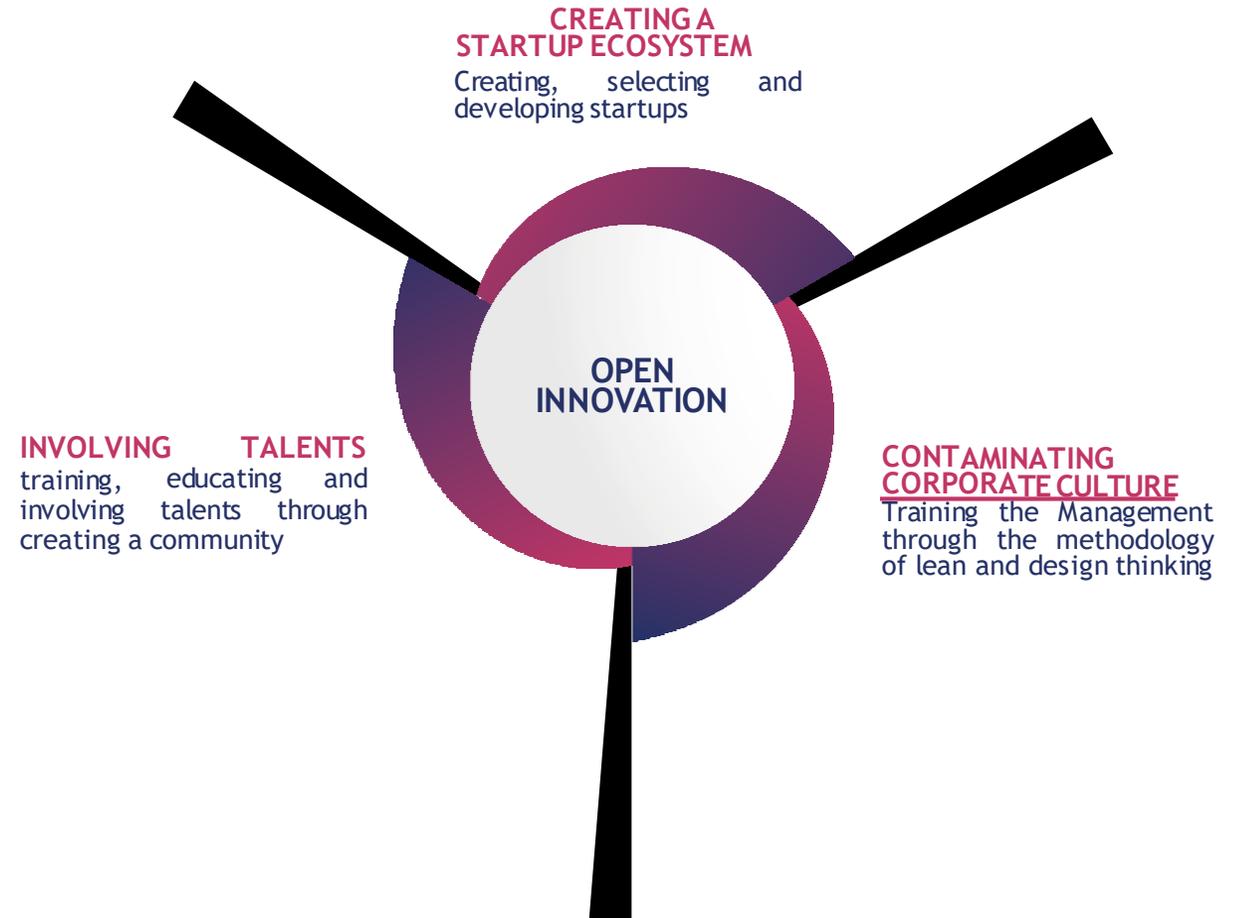


OPEN INNOVATION PROGRAMME

# COLLABORATION BETWEEN RESEARCH AND BUSINESSES

Through the programmes of Open Innovation, **innovative businesses, university and businesses** collaborate in the frame of a new learning model.

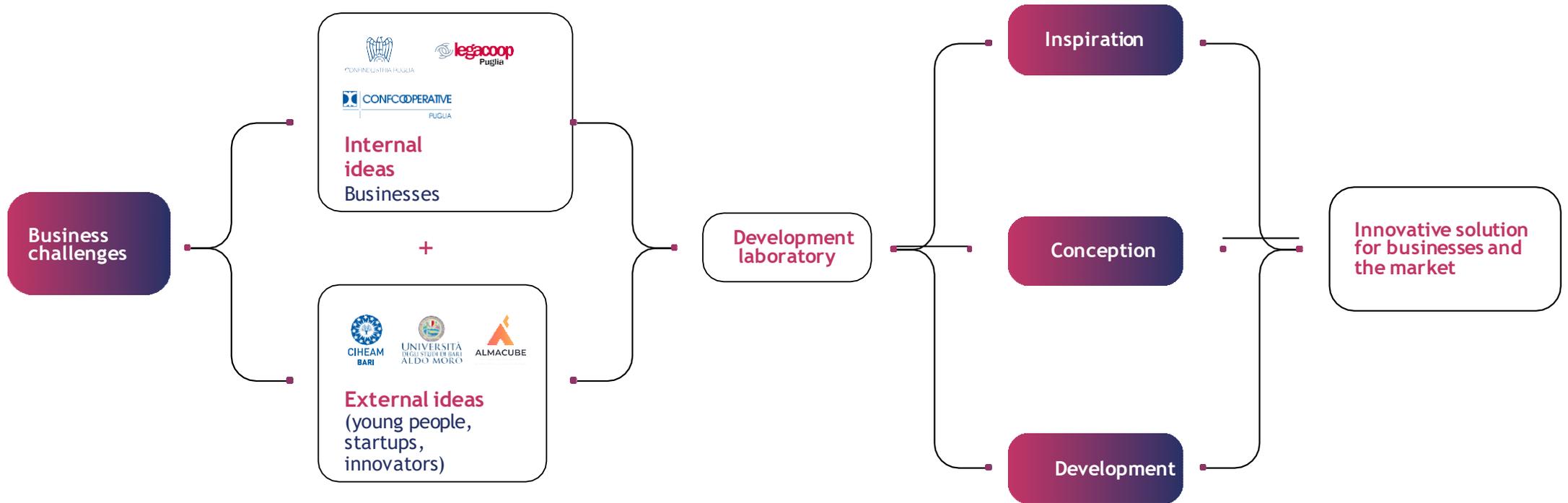
This new innovation culture is based on matching enthusiasm and external ideas coming from young people and researchers with the needs and criticalities of businesses.





OPEN INNOVATION PROGRAMME

# COLLABORATION BETWEEN RESEARCH AND BUSINESSES



**CREATION AND  
STRENGTHENING  
OF ISO -  
INNOVATION  
SUPPORT  
ORGANIZATION**

**CREATION AND ENHANCEMENT OF ISO: CAPACITY BUILDING, CO-DESIGN OF SPACES AND SERVICES FOR THE TRANSFER OF KNOWLEDGE, COOPERATION BETWEEN RESEARCH AND BUSINESS, BUSINESS DEVELOPMENT (TTO, incubator, accelerator, etc.)**

**CONSTRUCTION OF THE MEDITERRANEAN ECOSYSTEM ON INNOVATION AND YOUTH ENTREPRENEURSHIP IN THE AGRIFOOD SECTOR (MIP- MEDITERRANEAN INNOVATION PARTNERSHIP IN AGRIFOOD)**

**DEVELOPMENT OF A MEDITERRANEAN OBSERVATORY ON YOUTH ENTREPRENEURSHIP: MIP REPORT & SURVEY (third edition working in progress, 300 ISOs involved in 10 countries)**

# SOCIAL INNOVATION

DEVELOPMENT OF A NEW MODEL OF RURAL  
ENTERPRISES ORIENTED TO SOCIAL INNOVATION

CREATION OF A BOTTOM RESEARCH LABORATORY  
ON SOCIAL INNOVATION IN THE RURAL AREA

CREATION OF A TOOL FOR ASSESSING THE LEVEL OF  
SOCIAL INNOVATION IN THE ORGANIZATIONS OF THE  
SUPPLY CHAIN

CROSS INNOVATION LABORATORY

PROMOTE CHANGE PROCESSES OF INNOVATION ACTORS  
THROUGH FACILITATION ACTIONS AND PARTICIPATIVE  
APPROACHES (LIVING LAB, COMMUNITY OF PRACTICE,  
SERVICE DESIGN, ETC)

PROMOTE  
PROCESSES OF  
INNOVATION AND  
SOCIAL INCLUSION  
IN URBAN-RURAL  
SYSTEMS

CREATION OF A LABORATORY FOR FOOD TRANSITION THROUGH THE MAPPING AND SYSTEMIC ENHANCEMENT OF INNOVATIVE EXPERIENCES FROM THE BOTTOM (FOODSHIFT - FAL BACK TO LAND - METROPOLITAN CITY OF BARI)

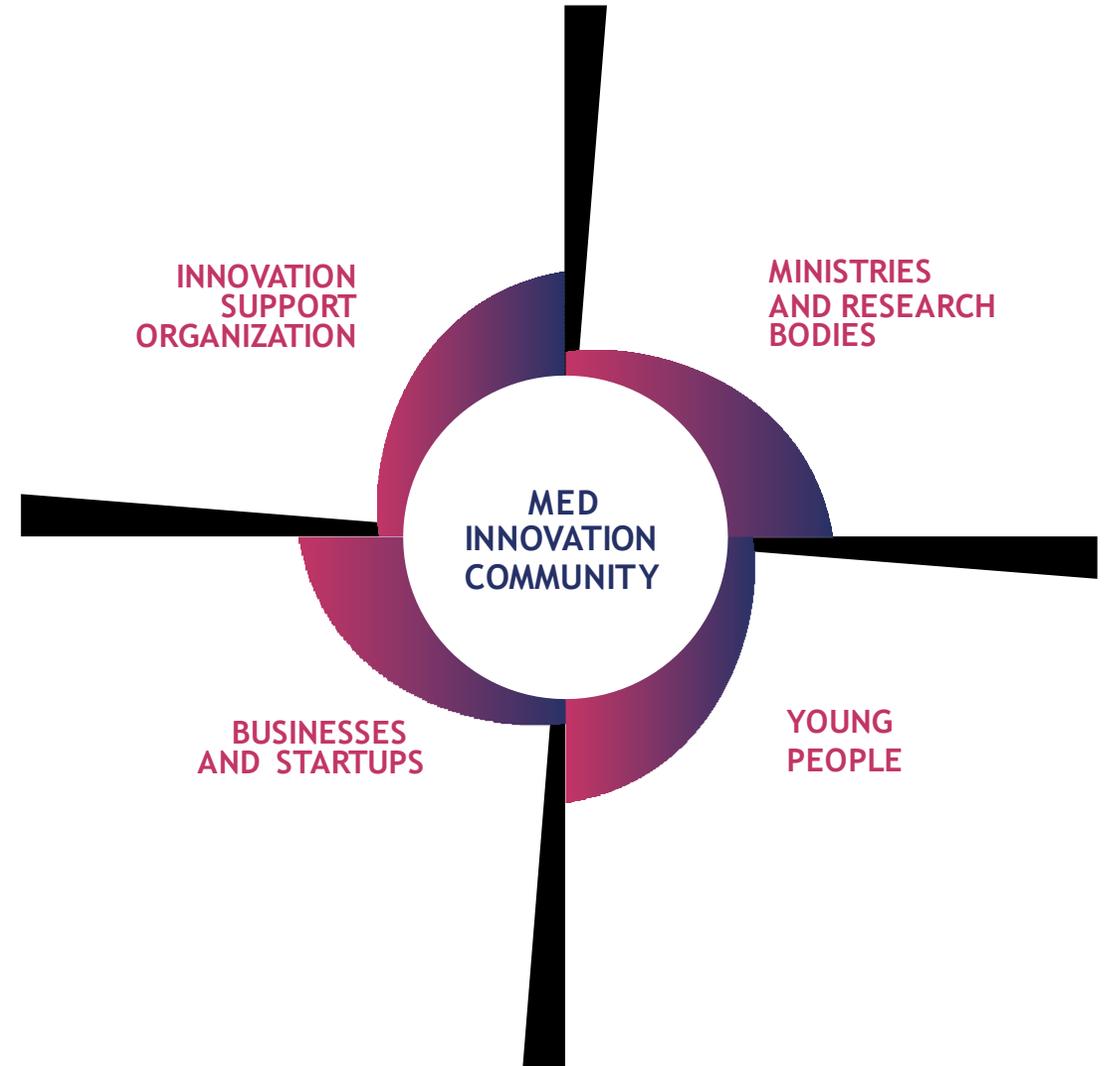
ACCELERATE EMERGING INNOVATIONS AND CITIZEN-DRIVEN, OF FORMAL AND NON-FORMAL ORGANIZATIONS, PARTICIPATIVE PROCESSES FROM THE BOTTOM FOR THE CO-DESIGN OF INTEGRATED AND INCLUSIVE FOOD LOCAL POLICIES: ES. URBAN FOOD POLICY BARI, MANIFESTO FOR THE FOOD TRANSITION IN THE METROPOLITAN CITY OF BARI



MEDITERRANEAN COMMUNITY OF INNOVATION

# INTERNATIONAL NETWORK

The objective is to encourage the development of an international ecosystem on innovation aimed at promoting relationships and collaboration among the major players of the socio-economic development of the Mediterranean and African area.

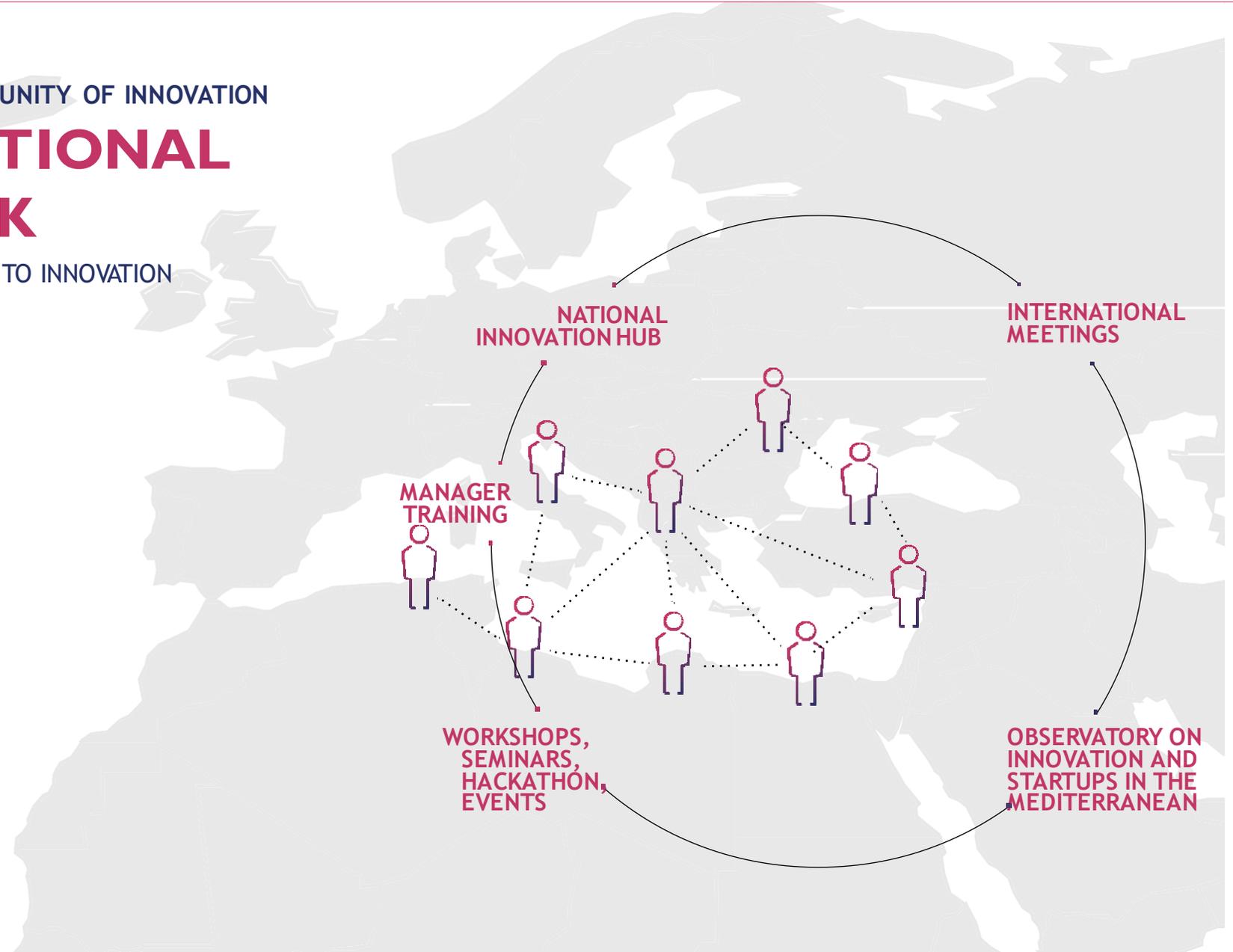




MEDITERRANEAN COMMUNITY OF INNOVATION

# INTERNATIONAL NETWORK

NETFORWING TARGETED TO INNOVATION



# SUSTAINABILITY

## N ° PROJECTS IN PROGRESS : 13

N°2 EU

N° 6 COOPERATION

N° 1 NATIONAL

N° 4 LOCAL



**OVER THE  
LAST 5 YEARS  
WE HAVE  
WORKED  
WITH ...**

**65** START-UP

**94** ENTREPRENEURIAL PROJECTS

**231** YOUNG TRAINED AND NEW  
PROFESSIONAL PROFILES

**45** COMPANIES

**60** INNOVATIVE SUPPORT ORGANIZATION

business incubator, acceleratori, TTO, business center, ecc

**2** NETWORK

INNOVATIVE  
COMPANIES INVOLVED

45



*THANKS*

*Damiano Petruzzella*



**CIHEAM**  
**BARI**