



Food and Agriculture Organization
of the United Nations

Webinar Series: Water-food-Energy NEXUS

10th Session:

**Supporting WEF NEXUS research and
Innovation in the EU-MPC region**

A Nexus story. From 5TOI to WEF-CAP

Consolidation and buildup of a networking strategy to
support the establishment of reference Nexus Living
Labs in the Southern Mediterranean

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Berytech

Date: 17- June - 2021



Know your water
establishing robust
water accounting
systems



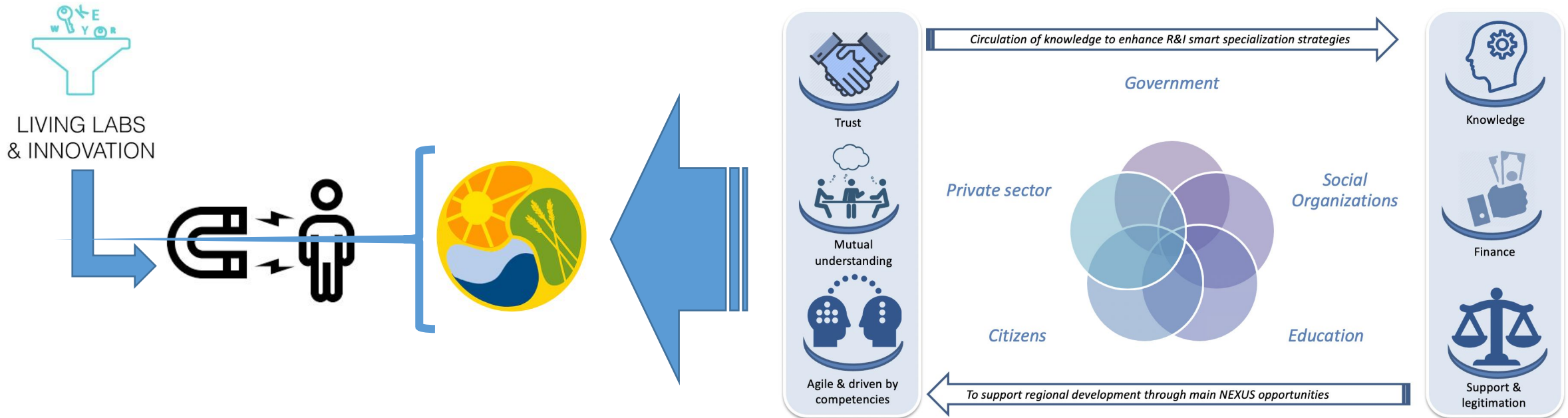
WATER

Productivity
Efficiency, and
Sustainability

in the NENA countries



INNOVATIVE APPROACH 11 partners from 7 different countries across the Mediterranean



- Co-creation/co-design between innovation seekers, innovation solvers and innovation users
- Support the implementation of clean technologies for sustainable and resilient increase of agri-food sector production based on a more efficient use of energy and water thanks to technology.
- Use of a NEXUS driven Open Living Labs (NDOLL) approach, thus strengthening technology transfer, cooperation industry- academia, increasing commercialization opportunities and innovation-driven growth.





Main objective:

- ❑ Support and increase the **entrepreneurial approach** of SMEs and young EU-MPC entrepreneurs to **develop novel technologies, products or offering services to face NEXUS challenges**
- ❑ Encourage the **transfer of technologies** and **cooperation** between academia and the business sector and the civil society and create new **commercialization opportunities** building a market driven innovation growth for the region.

How?

- ❑ **Tailored training and coaching** programs for SMEs, public authorities, managers to build their business capacities and be ready to develop and explore commercialization opportunities and access to finance.
- ❑ **Scouting and coaching for** researchers and new entrepreneurs to develop market driven technologies facing NEXUS challenges through an open innovation processes
- ❑ **Enable technology transfer, interaction, matchmaking and collaboration opportunities** among different stakeholders through brokerage events, thematic workshops and conferences.
- ❑ **Policy framework support**





Main Activities to Empower Innovators and Stakeholders in adopting a Nexus driven approach

1. Regional Tailored Trainings for different target groups

- Identification of problems/opportunities
- Innovative business models
- Business commercialization

2. Regional Scouting & Coaching of Innovators

- IPR management, business model generation, venture capital

3. NEXUS Ideas generation program

- November 2021
- Training, advice, prototyping, final competition

4. Entrepreneurs Summer School

- Training on core themes of entrepreneurship

5. WEF NEXUS circular conferences for the NEXUS stakeholders' ecosystem

- Cooperation between industry, academia and citizens

6. Regional Innovation Weeks

- 3 Innovation Weeks
- IW in September 2021 with Phemac
- Workshops, trainings, brokerage events, exhibition, crowdfunding

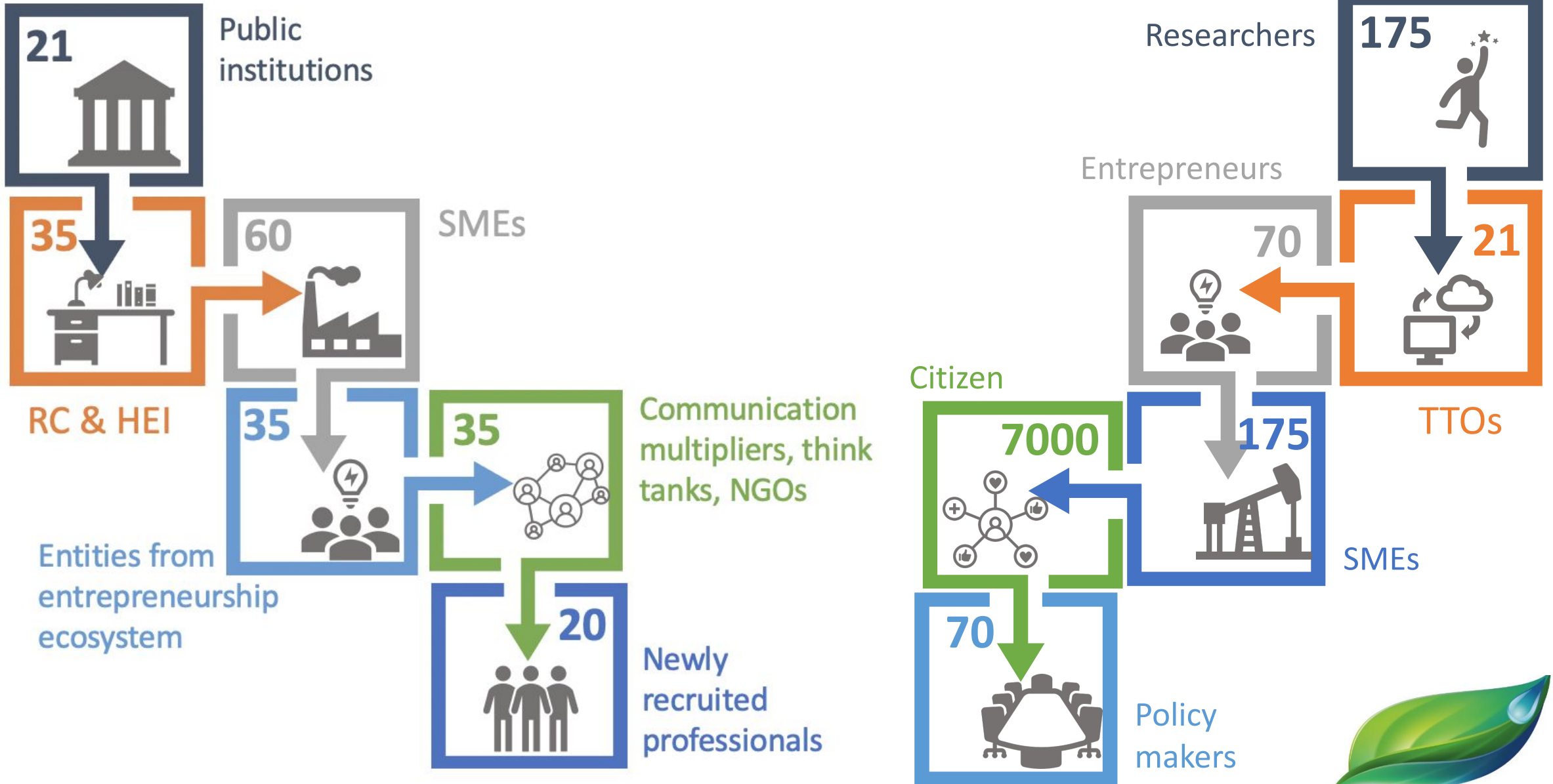
7. NEXUS research 2 business 2 research (R2B2R) fact finding missions

- Exchange best practices, detect cooperation opportunities concerning NEXUS challenges



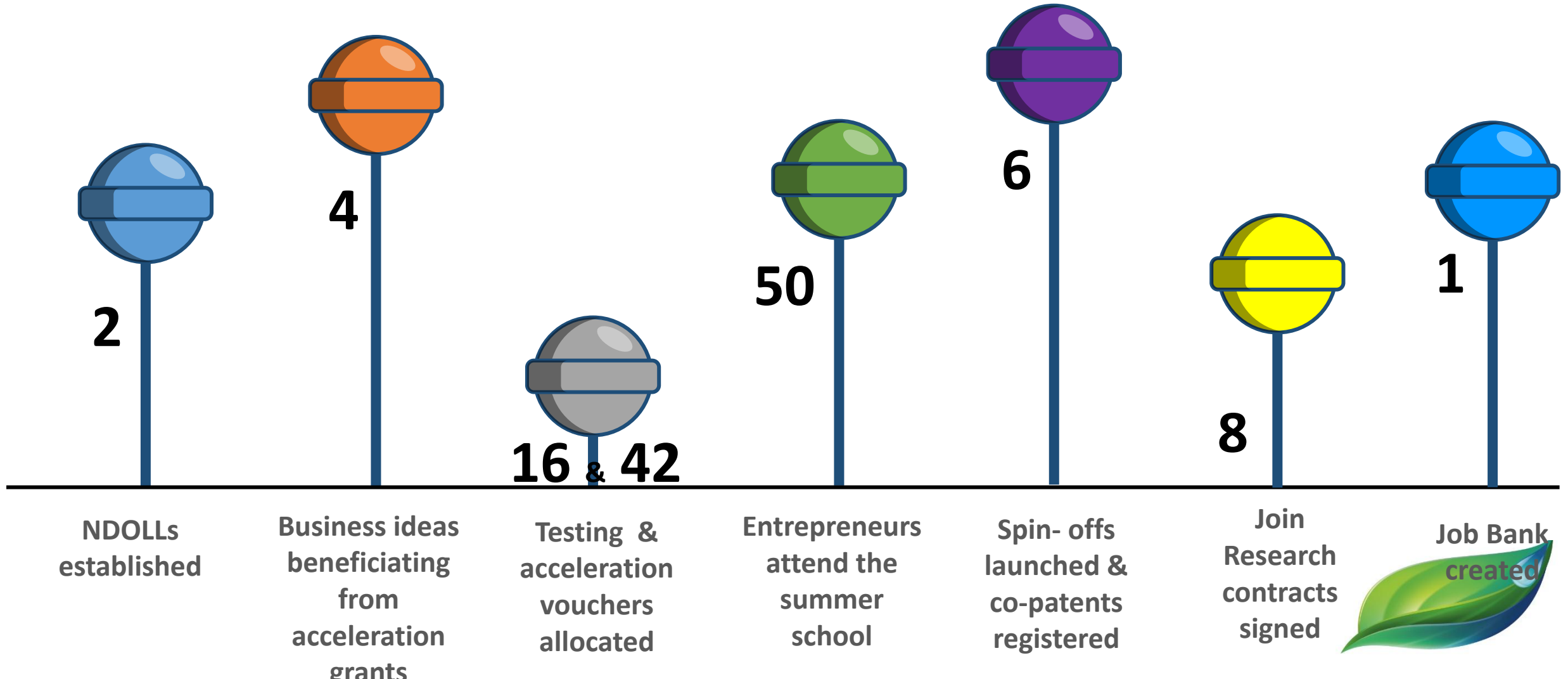


TARGET GROUPS & FINAL BENEFICIARIES





MAIN OUTPUTS





Food and Agriculture Organization
of the United Nations

PARTNERSHIP

UAB

Universitat Autònoma de Barcelona

App Managing a Living Lab. Strong experience in MPC international cooperation



CHAMBRE
DE COMMERCE
ET D'INDUSTRIE
DU CENTRE

Economic Information/assistance. Organization of events/match-making. International Networking/Cooperation



Centro Servizi
per le Imprese

Camera di Commercio Cagliari

+2000 direct value-added jobs. +80% success rate incubated companies. +100 training workshops/seminars. Support +100 start ups. +500 IP assets handled. +20 national organizations assisted with IP policy generation. +1,2M\$ angel investment raised



+200 entities incubated, assisted +2000 entrepreneurs, +400k\$ in grants to start ups, invested +6M\$ in companies, Business Innovation EU accreditation

Berytech
The Ecosystem
for Entrepreneurs



Technology Audit, IPR, Technology/Knowledge Transfer, start up/SME acceleration, PA training, TGs engage



أكاديمية البحث
العلمي والتكنولوجيا
Academy of Scientific
Research & Technology

Design/implement national programs STI strategies/roadmaps/strategic analysis/foresight



AUB
American University of Beirut
معهد الجامعة الأمريكية في بيروت
Isam Fares Institute for Public
Policy and International Affairs
معهد عصام فارس للسياسات
العامة والشؤون الدولية

Policy-relevant research for interdisciplinary exchange of NEXUS ideas among stakeholders



Dissemination/communication/exploitation management



جهد
JOHUD

Social innovation/society engagement





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Sweden
Sverige





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Thank you!

<http://neareast.fao.org>



WATER

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