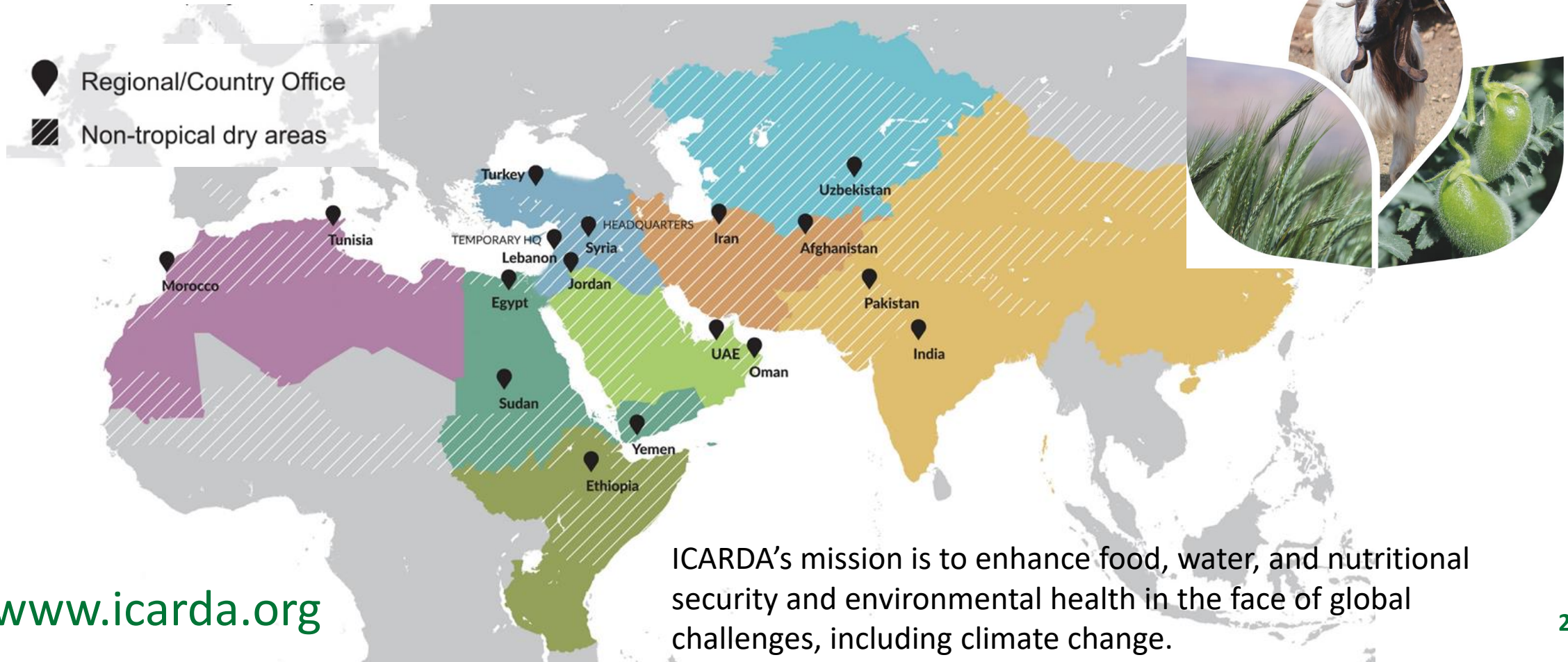# Capacity Development at ICARDA

Presented by: Hassan Machlab

Country Manager-Lebanon

ICARDA is a **Decentralized Non-Profit R4D** International Organization on **Dryland Agriculture**

Regional/Country Office

Non-tropical dry areas

Tunisia

Morocco

Turkey

TEMPORARY HQ

Lebanon

Egypt

Jordan

Syria

HEADQUARTERS

Iran

Uzbekistan

Afghanistan

Pakistan

India

UAE

Oman

Sudan

Yemen

Ethiopia

www.icarda.org

ICARDA's mission is to enhance food, water, and nutritional security and environmental health in the face of global challenges, including climate change.

Strategic Research Priorities

SRP1: Genetic Resources

Collect, conserve, and use agricultural biodiversity

SRP2: Adaption to Climate Change

Conventional and molecular breeding to develop climate-smart crops and livestock

SRP5: Enhancing water, land productivity

- Rainfed, irrigated (Blue and Grey), and agro-pastoral farming
- Reversal of environmental degradation
- Enhance intensification

Strategic Research Priorities

SRP3: Building resilience

Integrated crop-livestock farming systems to address economic, social, and environmental conditions

SRP4: Promoting value chains, policies

Agriculture as an income-generating business for many poor smallholder households

Cross-Cutting Themes

Scaling Up Proven Technologies

Engage with partners to put knowledge into action

Empowering Women, Youth
- Improve women's access to land, assets, knowledge
- Use technology and commodities value chain to engage youth

Building Capacity

Empowered young researchers and institutions

Big Data and ICT

Enhance research efficiency and policy communications

GIS, RS, Information Exchange, IT.

Capacity Development at ICARDA

WHO WE ARE

Capacity development lies at the heart of ICARDA's mission to strengthen agricultural resilience. We target individuals and institutions and equip them with the knowledge and skills they need to address critical issues and challenges.

We target wide range of actors involved in agricultural development: local, regional, and international NGOs and authorities; agricultural researchers; **students;** farmers; and National Agricultural Research Systems (NARS).

Capacity strengthening takes the form of: regional and national training courses, on-the-job training, individual degree and non-degree scholarships, and internships.

RESEARCH TOPICS FOR TRAINING

BIODIVERSITY AND CROP IMPROVEMENT

WATER, LAND, AND ECOSYSTEMS

DIVERSIFICATION AND SUSTAINABLE INTENSIFICATION OF PRODUCTION SYSTEMS

SOCIAL, ECONOMIC AND POLICY RESEARCH

GEOINFORMATICS

STATISTICS

GENDER AND YOUTH

PROJECT MANAGEMENT CYCLE

INSTITUTIONAL AND ORGANIZATION STRENGTHENING

Capacity Development at ICARDA

Individual Degree Training - Scholarships

Concept: A candidate registered for an MSc or PhD degree at a university can jointly conduct his/her thesis research work with ICARDA. The research topic must relate to ICARDA's mandated research and have direct relevance to the candidate's national program research plans. Graduate research at ICARDA is generally supervised by one or more senior scientists who act as members of the candidate's advisory committee.

ICARDA awards a limited number of scholarships and fellowships to candidates on a competitive basis.
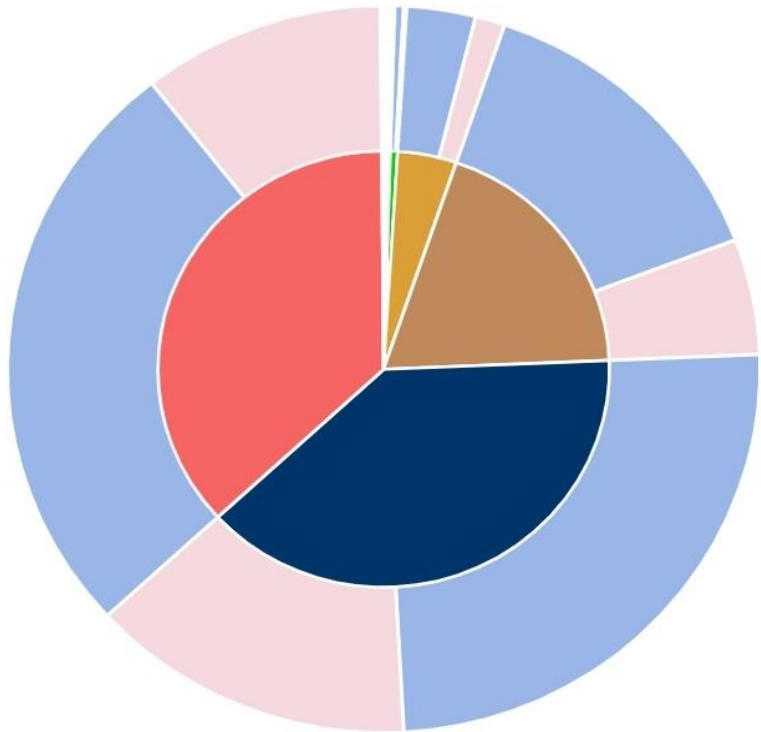
ICARDA CAPACITY DEVELOPMENT: Type of Trainings implemented from 1978 – till 15 September 2018 by Training Categories

Type of Training	1978-2018 All Countries	1978 – 2018 Lebanon
Post Graduate (PhD and MSc)	889	22
Individual Non-Degree	2,293	97
Research Internship	179	14
Courses	20,229	652
Sub Total	23,590	785
TOTAL	24,375	

Capacity Building 2012-2019

Total: 57,952
- Male
- Female

- BSc(5)
- MSc(101)
- PhD(97)
- Individual Non Degree(18)
- Internship(57)
- Seminar Training(292)
- Workshop Training(2,455)
- Training Course(11,098)
- Field Day(22,477)
- Farmer field school(21,275)
- Knowledge Exchange - meetings with ... (64)
- Trials and studies(7)
- Other(6)

Our Partnerships and Collaboration with Universities

1209 Universities in more than 85 countries

	Lebanon 8	Germany 42	Egypt 12

	Syria 6	China 34	Australia 50

	USA 143	India 110	UK 63

	Spain 23	Morocco 25	Algeria 19

	France 20	Canada 27	Yemen 2

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- ICARDA: 3 Courses
- FAO – English : 41 courses
- FAO – French: 14 Courses
- FAO – Spanish: Being uploaded

E-Learning & Online Courses, available to everyone.

Thank You
for Your Attention