From Fragility to Resilience in Central and West Asia and North Africa (F2R-CWANA)

CGIAR Initiative drop-in-call: RAFS-RIIs
March 9, 2023

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Results Summary – Year 1 (Apr-Dec 2022)
Selected Key Innovations (1/3)
Genetic Innovations: 27 Crop x Country Combinations
Selected Key Innovations (1/3)
Genetic Innovations: 27 Crop x Country Combinations

In collaboration with ABI & Market Intelligence & Seed Equal:

Stakeholder meetings in:
- Morocco
- Egypt
- Sudan
- Lebanon
- Uzbekistan

To prioritize the:
- Breeding product profiles
- Elite lines
- Newly released varieties

Of regionally important crops:
- Barley
- Faba bean
- Lentil
- Potato
- Sweetpotato
- Bread wheat
- Durum wheat

→ 430 genetic innovations (elite lines and new varieties) prioritized for further breeding, participatory field evaluation, variety release, and demand creation
Selected Key Innovations (2/3)
Capacity Development: AgriTech4Morocco Challenge

Challenge call for Agri-Tech solutions to support Morocco’s Generation Green 2020-2030 Strategy
- Country-specific assessment, design, and launch of the Challenge Call
- Kick-off event
- **Bootcamp & pitch day** to build capacity on user-centric design, user participatory evaluation, how to pitch to investors – 20 teams from eight countries
- **Nine-week long Acceleration program & demo day** for teams to develop actionable pathways to scale, strengthen the scientific validity of their solution, and create networking opportunities with CGIAR and industry players – 10 teams
- **Post-program support** – 3 teams
- Dissemination
Examples of teams participating in the Acceleration Program
Selected Key Innovations (3/3)

Satellite-based Climate Data Extractor for CWANA

Climate Profile (https://sites.google.com/view/climate-portal)
Working with Global Initiatives & Platforms

**Genetic Innovations:**
- Accelerated Breeding (ABI)
- Genebanks
- Market Intelligence
- Seed Equal

**RAFS:**
- Excellence in Agronomy (EiA)
- Plant Health
- Livestock and Climate (LCSR)

- Sustainable Animal Productivity (SAPLING)

**Systems Transformation:**
- Climate Resilience (ClimBer)
- National Policies and Strategies (NPS)
- NEXUS Gains
- Agroecology

**Gender Platform**
Working with Partners

Institut National de la Recherche Agronomique (Morocco) 19
Agricultural Research Center (Egypt) 15
Agricultural Research Corporation 14
Lebanese Agricultural Research Institute 13
Mohammed VI Polytechnic University 10
Southern Research Institute of Agriculture 9
Food and Agriculture Organization of the United Nations 8
Indian Council of Agricultural Research 7
Mediterranean Agronomic Institute of Montpellier 7
Mohammed V University 7
Research Institute of Plant Industry (Uzbekistan) 6
The World Bank 6
Deutsche Gesellschaft für Internationale Zusammenarbeit / German Society for International Cooperation 5
General Commission For Scientific Agricultural Research 5
IMPACT Lab 5
Mediterranean Agronomic Institute of Zaragoza 5
Ministère de l’Agriculture, de la Pêche Maritime, du Développement Rural et des Eaux et Forêts 5
National Agriculture Research Center 5
National Water Research Center 5
Capture Solutions 4
Digital Development Partnership 4
General Directorate of Agricultural Research and Policies 4
Hassan II University of CASABLANCA 4
Jodoor 4
Le Pôle d’Agriculture Digitale 4
Ministry of Agriculture and Land Reclamation (Egypt) 4
What’s Next – 2023 Key Results

- Launch of the CWANA Gender & Climate Strategy.
- Participatory selection of genetic innovations.
- Analysis of Egyptian seed systems and seed sector.
- Local community co-development and approval of conservation management plans for landraces and wild relatives in Morocco, Lebanon, and Uzbekistan.
- Launch of the Potato Tracker app in Uzbekistan.
- Analysis of the Water-Energy-Land-Food-Fragility Nexus for the Karshi Watershed in Uzbekistan and the Bouregreg Watershed in Morocco.
- Launch of the AgriTech4Uzbekistan Challenge Call.
- Compilation of a complete inventory of F2R-CWANA innovations and beginning of Innovation Packaging and Scaling Readiness work.
THANK YOU!