The Wheel of Technology and Innovation for Agricultural Technologies Acceleration in the Arab Region

Conceptual approach

International Forum on Innovation in Agri-Food Systems to Achieve the SDGs. Zoominar VII - 18 June 2020
Agricultural Technologies Challenges in the Arab Region

- Shortage of Applied Knowledge in Arabic
- Lack of Skills and Abilities
- Inefficient Financial Management
- Support cycle deficiency
ETC’s Technology and Innovation Wheel

This conceptual approach is based on 4 main pillars that shape its wheel:

- **Pillar 1**: Promoting open applied knowledge.
- **Pillar 2**: Emboldening the local technological capacities.
- **Pillar 3**: Encouraging the implementation of appropriate technologies.
- **Pillar 4**: Advocating local and regional enabling environments.
The AgriTec Toolbox will consist of 8 bodies of knowledge that integrate and offer a multidisciplinary understanding of Agricultural Technologies and their appropriate application in the Arab Region.

It will help SMEs, Entrepreneurs, Policy Makers, and End Users to properly select the most relevant technologies to their context, and support them throughout the implementation process.
Pillar 2: Capacity Development

Building the capacities of local stakeholders to be able to design, develop, implement, utilize, and upscale technologies and innovation in Arab countries. The trainings will be online, offline and blended learning, which target the following 4 groups:
Pillar 3: Practical Implementation

Supporting the full cycle of local implementation of appropriate technologies by several means:

4. Promoting successful technologies and helping them to scale throughout the Arab region.
2. Developing professional local solutions. Documenting them into a “Solutions Bank”.
1. Building prototypes of appropriate solutions. Warehouse “Inventory of Opportunities”.
Pillar 4: Enabling Environment

Building local Knowledge and Innovation Communities (KICs), in order to support the technology transfer processes at the local and regional levels.

Each KIC will consist of several entities representing the whole AgriTech ecosystem.

These bodies and stakeholders are classified into 8 categories as following:
Thank You!

Kareem Hassan
kareem.hassan@un.org