SKiM 2021 Steering Committee Meeting

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15th December 2021, CIHEAM-Bari
I. Knowledge Management
Participation of Moroccan partners to SKIM activities
Moroccan partners active in SKIM project
SKIM activities 2021

January
- Preparation of the KM strategy workshop (identification of facilitators, meetings with Canadian expert, concept note, etc.)

February
- Participation of ICARDA partners (SKiM Scientist and KMO) during the national kick of ERASMUS+ AgriEngage project and presentation of the community of practice concept
- Meetings and exchange about the identification of Scaling Readiness of Moroccan innovations (SKiM Scientist). Ex of 2. Biofarmed vaccine for certain avian diseases

March
- Production of 2 brochures highlighting KM in ENA and ONCA

April
- Participation of ICARDA partners (SKiM Scientist and KMO) during the national kick of ERASMUS+ AgriEngage project and presentation of the community of practice concept

May-June
- Organization of the Moroccan workshop on the KM strategy for agricultural sector

July
- Participation of the Moroccan partners to Bari training on knowledge and TT

August
- Preparation of the KM strategy workshop (identification of facilitators, meetings with Canadian expert, concept note, etc.)

September
- Learning route visit in Moldavia
- Participation of the Moroccan partners to Bari training on knowledge and TT

October
- Preparation to Steering Committee meeting

November
- Participation of the Moroccan partners to Bari training on knowledge and TT

December
- Participation of the Moroccan partners to Bari training on knowledge and TT
ENA Brochure

AGRO-PÔLE OLIVIER

“A Center of Excellence for the Development and Promotion of the Olive Sector”.

The “Agro-pôle Olivier” is an agronomic research centre and a competitiveness cluster for the Moroccan olive oil sector.

Cradle of the olive tree in Morocco, the Agro-pôle Olivier provides the olive sector with a scientific, technical and relational package for the promotion and sustainable development of this sector. Thus, the ambition of the Agro-pôle Olivier is to be a privileged crossroads for the exchange of information and the sharing of technical and technological progress, following the evolution of the olive sector which is more and more oriented towards innovation and the improvement of the quality of the product.

PHYTOCONSEIL

“Diagnostic and control of crops diseases and pests”

PHYTOCONSEIL is an approved laboratory within the Department of Plant Protection and Environment, set up to assist farmers and professionals to better diagnosis of diseases and pests of crops.

- Sensitizing farmers and professionals to the importance of sanitary diagnosis of crops and foodstuffs.
- Contributing to the reduction of the incidence of diseases and pests in order to improve crop productivity, post-harvest conservation and preserving the environment.

ENA services for farmers and industries
1. Référentiels Techniques et Technico-Economiques

L’ONCA a mis à disposition de ses cadres, consultations agricoles et agriculteurs, des référentiels techniques et technico économiques, par filière et par grandes zones horizontales sur support papier et informatique ainsi que des fiches techniques détaillées qui remplacent la fonction de guide et qui permettent de cadrer les propositions à destination des agriculteurs.

2. Dalil elfalah - Flipbook

L’ONCA a conçu et conçu plusieurs livres-Flipbook qui comprennent des supports visuels, des vidéos et des conseils pratiques pour les agriculteurs.

3. Des spots télévisuels de conseil agricole

L’Office National du Conseil Agricole veille à la production de spots télévisuels de conseil agricole dans le but d’:

- Sensibiliser et diffuser les nouvelles technologies, innovations et techniques agricoles;
- Sensibiliser les agriculteurs à l’utilisation des pesticides, les agriculteurs, les partenaires agricoles et les professionnels sur les bonnes pratiques agricoles, les programmes et projets agricoles;
- Sensibiliser les agriculteurs sur les actions de développement agricole;
- Sensibiliser les agriculteurs sur les nouveaux outils et supports de communication dans différents milieux;
- Sensibiliser tout le monde à l’utilisation de l’ONCA et à la communication.

4. Production et diffusion d’émissions et programmes radiophoniques

L’ONCA a produit des programmes radio dans chaque région pour diffuser des informations agricoles et des conseils pratiques aux agriculteurs.

Radio Médina FM:
- Emission hebdomadaire: 30 min (télévision)
- Emission quotidienne: 30 min (diffusion)

Radio FM:
- Emission hebdomadaire: 30 min (télévision)
- Emission quotidienne: 30 min (diffusion)

Extention Channels
Workshop on the KM strategy in agricultural sector: 8-9 July 2021 @ IAV Hassan II

**Workshop objectives:** Discuss the strategy needed to manage the produced knowledge in agriculture, as well as tips and techniques that will foster collaboration between partners to cope with Green Generation strategy in Morocco( 2020-2030)

**Participants:** IAV, INRA ENA, ONCA, ENFI, DEFR (Managers, researchers, students)
Workshop deliverables

1. Draft of the KM agreement between the agricultural institutions needs still to be validated by some partners

2. Workshop report highlighting insights for KM strategy implementation (Knowledge value chain, SWOT analysis, relashionship between stakeholders)

3. Video on the KM management in the IAV, INRA, ENA institutions:
   https://youtu.be/dtFJu95_5OI
Participation of Moroccan partners to SKiM activities abroad

Italy-Bari: Workshop on knowledge and innovation transfer through TTOs on 23-24 September 21
4 Participants: IAV, INRA, ENA-Meknes and ONCA

Moldavia: Learning Route 11-17 October 21.
8 Participants: IAV, INRA, ENA-Meknes and ONCA
Other Activities

AgroBiodiversity Innovation Challenge

Scaling readiness of agricultural research in Morocco

Dissemination

SKIM NEWSLETTER

International Day of Women and Girls in Science

INRA Research Program 2021-2024

### INRA KM activities

#### GOVERNANCE
- Conceptualization of INRA research midterm program with the participation of end users 2021-24
- Research program Self-assessment (scientific and technological production, scientific, technological collaboration, transfer)

#### KM TOOLS
- Conceptualization of research mega data to share between research teams (on field experimentation data, genetic resources, soil, climate data …)
- Monitoring evaluation learning platform to adapt and implement (ongoing)

#### DISSEMINATION AND VALORIZATION
- Different channels (Thematic books, extension leaflets, webinars : [url](https://urlr.me/p7NCh))
- "Africa Mediterranean agricultural journal (Al Awamia) [www.afrimed.ma](http://www.afrimed.ma)
- A Synthesis of results to be transferred to farmers and INRA partners (to be published)
- Organizations of open days at experimental fields
- Over 160 papers are yearly published in journals
- Upscaling technologies

#### ONLINE SERVICES
- Soil fertility map in Morocco (GIS Website) : [www.fertimap.ma](http://www.fertimap.ma)
- Climate Change Assessment (GIS Website). [www.changementclimatique.ma](http://www.changementclimatique.ma)
ONCA KM Activities

*Upgrade of the ARDNA platform*

- Development of new functionalities
- "knowledge base" (search engine/keywords) and "face agri" (exchange platform with farmers): NEW
- Trainings on the platform use to 650 agricultural advisers and managers.
IAV KM Activities

Archiving the IAV knowledge

Backup of all the library contents of all the CDs of the theses/PFE on external hard disks in the perspective of safeguarding the endangered scientific heritage (microfiches, golden CDs, diskettes, digitization of the old theses and dissertations...).

Knowledge visibility

Integration of the documentation center in the tree structure of the new IAV website, in order to facilitate access to documentary resources, to facilitate management and to promote the products/services of the CDA.

Membership to anti-plagiarism platform

Access to the anti-plagiarism platform offered by IMIST

Securing the server

Securing the server and the platform and verification of bibliographic data with (simultaneous correction of errors on the old databases, standardization of authors’ names, removal of duplicates, identification of omissions and gaps, etc.). This operation began following the deployment of the SIGB (Integrated Library Management System) on a new server.
KM proposition to the Green Generation Strategy (2020-2030)

- Establish a **national knowledge management strategy** and action plan for its implementation
- Implementation of a **knowledge management tool** common to SNFRA
- **Training** of managers
- Study the possibilities of capitalizing on the “tacit knowledge” of **farmers**
- Study the incentive mechanisms for better **valorization of research results**
**ENA KM activities**

- **Scientific and technical journals**: National and International
- **Open ENA Journal**: Alternatives Rurales, www.alternativesrurales.org
- **Scientific Events**
- **Training**
- **Library (Documentation Center)**
- **Internet**: email, website,
- **Social networks**: Facebook, Youtube,...
- **Media**: Radio and TV
- **Edition of an online scientific journal (ENA-Meknès)**: www.alternativesrurales.org (6th Number)
Gaps or difficulties reported by INRA

- Tacit knowledge capitalization
- Collaboration with national institution on KM. (elaboration of a national KM strategy with appropriate tool and process to be implemented)
- Production of audio-visual clips on different subjects of interest
- Limited number of HR on KM and communication
- Use of appropriate platform / tool on Research Data Management and backup server for researcher raw data produced. (learn from other institutions experience case of ICARDA)
- E-books production with DRM tools for copyright
- Production of newsletters (editing and design) is time consuming. Look for appropriate tool (web based) to help data generation according to a specific template and communicate as html links via distribution list.
- Transform research results into knowledge using appropriate tool for farmers and farmer advisors/counsellors
Gaps or difficulties reported by ONCA

• Development of a national knowledge management strategy.

• Reach agreement on the commitments of the framework partnership agreement on knowledge management and transfer with partners.

• Financial contribution for knowledge management and capacity building of agricultural advisors.
Gaps or difficulties reported by IAV & ENA

• We need to locate, track and leverage the skills of our staff;
• Staff must be motivated;
• Lack of a dedicated budget for digital transformation (e.g. ADC budget is split on two headings: book purchase & subscription).
• We need to improve our ICT infrastructure.
• We need ICT to create the right environment for users to share and create knowledge;
• Improve the level of students and researchers to create new knowledge;
• Training programs (staff, faculty and students):
  • Data management training;
  • Exchange good practices used in data management (cooperation and partnership, training, etc.).
• Review our sharing policy and our communication policy (e.g. visibility of our journal and scientific research).
SKiM Plans for 2022

- Organization of Morocco learning route (sources book)
- Finalisation of INRA and IAV Brochures
- TTO implementation
- Validation and signature of the Consortium Agreement
- Workshop strategy 2: Define clear KM national Agr. strategy and policy and identify tools and procedures to implement it at institution level to support Green Generation strategy
- Institutional capacity support for KM implementation of the national strategy
THANK YOU