

SKiM

**Strengthening Knowledge Management
for Greater Development Effectiveness
in the Near East, North Africa,
Central Asia and Europe**



SKiM 2021 Steering Committee Meeting

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Skim Focal point
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I. Knowledge Management

Participation of Moroccan partners to SKIM activities



Moroccan partners active in SKIM project



SKiM activities 2021



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.

Agro-pôle Olivier

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.



INTERFACES OF INNOVATION AND TECHNOLOGIES TRANSFER



ENA services for farmers and industries

ONCA Brochure

Extention Channels

1. Référentiels Techniques et Technico-Economiques

L'ONCA a mis à la disposition de ses cadres, conseillers agricoles et agriculteurs/agricultrices, des référentiels techniques et technico-économiques par filière et par grandes zones homogènes (sur support papier et informatique) ainsi que des fiches techniques détaillées qui rempliront la fonction de guide et qui permettent de cadrer les propositions à destination des agriculteurs.

Ces référentiels techniques et technico-économiques ont concerné 18 filières agricoles, filières animales et végétales confondues.



2. Dali el fallah- Flipbook

L'ONCA a conçu et conçoit toujours des brochures « Dali Al Fallah » utilisés comme supports techniques didactiques de conseil agricole sur les filières de production destinés aux agriculteurs et sont distribués lors des manifestations agricoles et opérations de conseil agricole.

Aujourd'hui l'ONCA passe au format digital afin d'exploiter et présenter la connaissance et l'information agricole de façon interactive.

L'originalité du Flipbook réside dans sa capacité d'intégrer divers supports vidéos, infographies, pistes audio, Flash et d'autres éléments animés donnant la possibilité à l'utilisateur de naviguer tout le long de l'activité de l'ONCA.



3. Des spots télévisuels de conseil agricole

L'Office Nationale du Conseil Agricole veille à la production des spots télévisuels de conseil agricole dans l'objectif de :

- Conseiller et diffuser les nouvelles technologies, innovations et techniques agricoles ;
- Sensibiliser, informer, conseiller les agriculteurs, les agricultrices, les partenaires agricoles et les professionnelles sur les bonnes pratiques agricoles, les programmes et projets agricoles et sur les actions de développement agricole ;
- Diffuser ces outils et supports de communication dans différents médias ;
- Professionnaliser la communication entre l'ONCA et les agriculteurs ;
- Communiquer l'image de l'ONCA chargée d'appliquer la politique du gouvernement en matière de conseil agricole.

4. Production et diffusion d'émissions et programmes radiophoniques

L'ONCA programme chaque année la production et la diffusion d'émissions radiophoniques sur les ondes de la Radio Médina FM et Radio 2M. En effet, ces radios se consacrent soit entièrement soit partiellement à l'activité agricole.

Dans ce sens, plusieurs émissions radiophoniques quotidiennes, hebdomadaires et événementielles ont été réalisées et diffusées sur les ondes de la Radio Médina FM et Radio 2M, comme indiqué ci-dessous :

Radio Médina FM :

- Emission hebdomadaire de 20 mn (Ach Khassek ya felah)
- Emission quotidienne de conseil agricole (capsule de 3 mn) - Istichara Filahia.

Radio 2M :

- Emissions journalières Akhbar Ifallah de 3 min sur les filières de production végétales et animales et les activités des conseillers agricoles à travers les 19 stations



2021

L'ONCA étend ses instruments digitaux



المكتب الوطني للإستشارة الفلاحية
Office National du Conseil Agricole

Les différents
outils et supports
de conseil agricole

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 , relationship 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



INRA Research Program 2021-2024



<https://www.inra.org.ma/sites/default/files/PRMT-2021-2024.pdf>

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)

- Different channels (Thematic books, extension leaflets, webinars : urlr.me/p7NCh)
- "Africa Mediterranean agricultural journal (Al Awamia) 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 int, journals
- Upscaling technologies

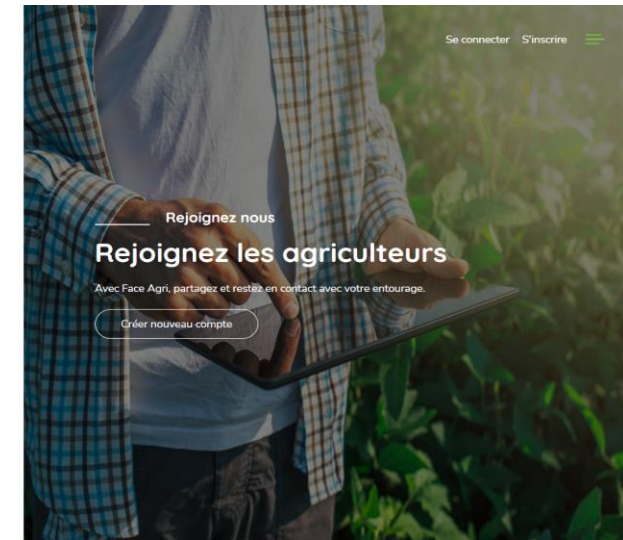
DISSEMINATION AND VALORIZATION

- Soil fertility map in Morocco (GIS Website) : www.fertimap.ma
- Climate Change Assessment (GIS Website). www.changementclimatique.ma
- CGMS (Crop Growth Monitoring System) (GIS Website): Weather monitoring, Crop growth modelling and Statistical methods. www.cgms-maroc.ma

ONLINE SERVICES

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-plagia
platform



Access to the anti-plagiarism platform offered by IMIST

Securing the server



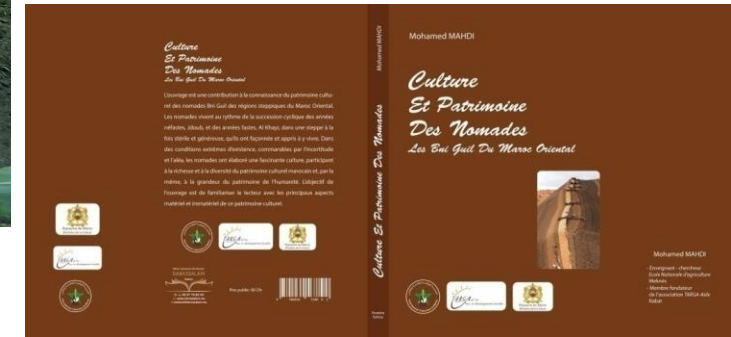
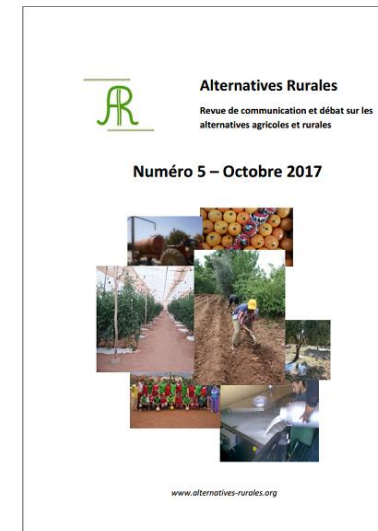
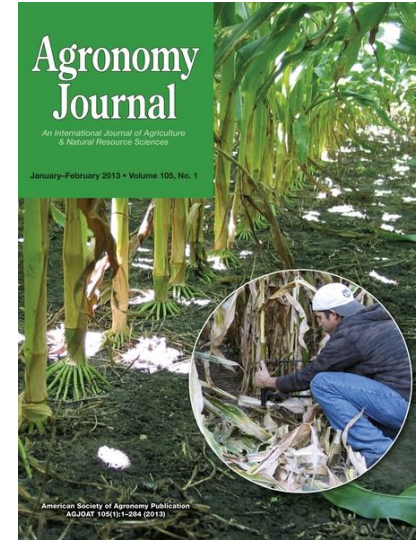
Securing the server and the platform and verification of bibliographic data with (simultaneous correction of errors on the old databases, standardization of authors' names, removal of duplicates, identification of omissions and gaps, etc.). This operation began following the deployment of the SIGB (Integrated 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.



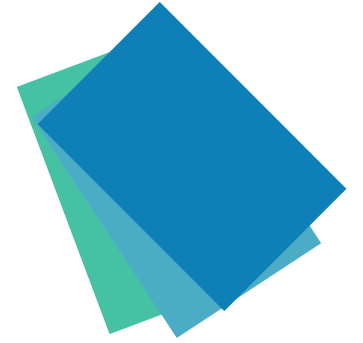


Gaps or difficulties reported by IAV & ENA

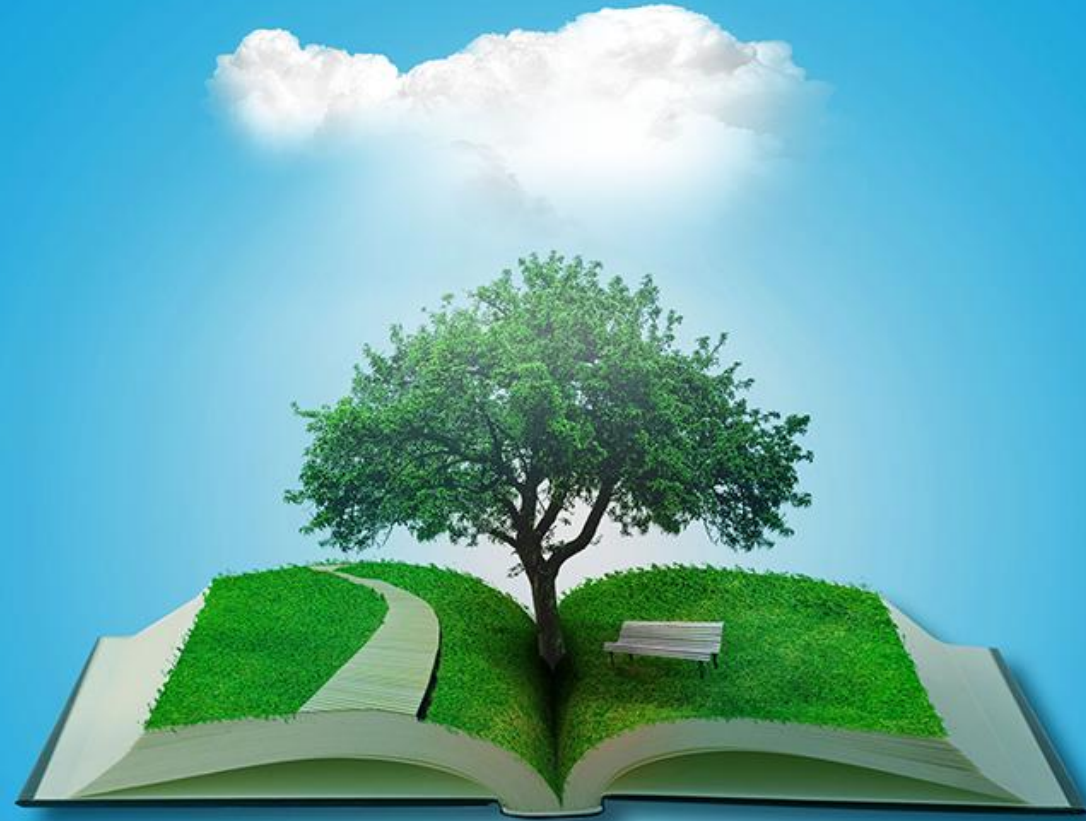


- We need to locate, track and leverage the skills of our staff;
- Staff must be motivated;
- Lack of a dedicated budget for digital transformation (e.g. ADC budget is split on two headings: book purchase & subscription).
- We need to improve our ICT infrastructure.
- We need ICT to create the right 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