

# 2020 SKiM Learning Week

29 June – 3 July

## Virtual Visit to Partner Institution: Knowledge Management Assets





# ***Institut Agronomique et Vétérinaire Hassan II -IAV Hassan II-***



## **Knowledge management**

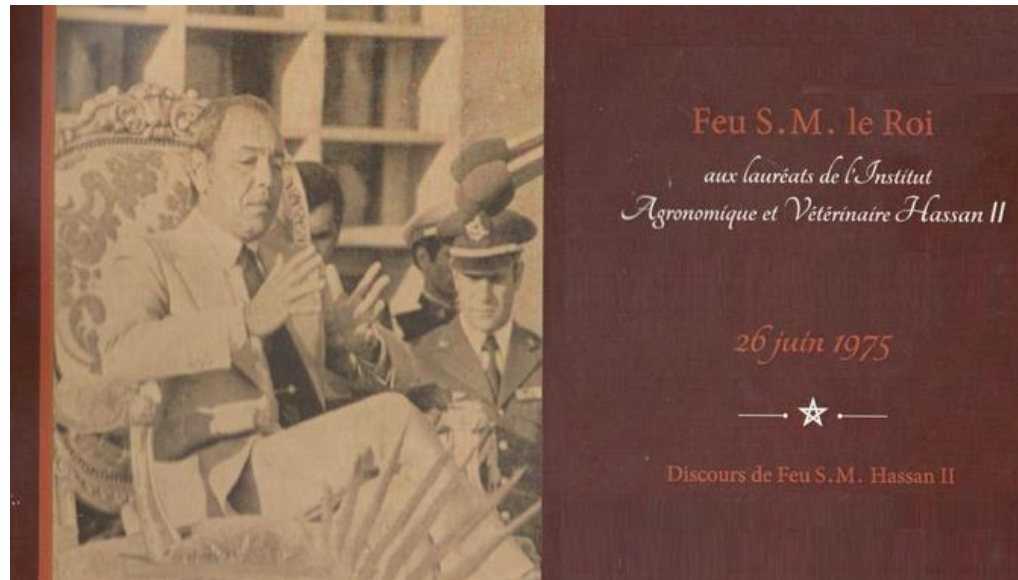
### ***Morocco***

***Mrs Zebakh Sanaa***



# IAV Hassan II presentation

**Established in 1966  
by His Majesty the late king Hassan II**



## Direct and financial supervision

المملكة المغربية  
Royaume du Maroc



وزارة الفلاحة والصيد البحري والتنمية القروية والمياه والغابات  
Ministère de l'Agriculture, de la Pêche maritime,  
du Développement rural et des Eaux et forêts

**Ministry of Agriculture, Maritime Fisheries,  
Rural Development and Water and Forests**

## Academic supervision

ROYAUME DU MAROC



Ministère de l'enseignement supérieur  
de la recherche scientifique  
et de la formation des Cadres

**Ministry of National Education,  
Professional Training, Higher Education  
and Scientific Research**

# IAV Hassan II missions



# Academic Training

SKIM

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



Masters  
PhD school

Agrifoods industries

Topography

Agronomy

Veterinary Medicine

Rural Engineering

Horticulture

( Complexe Horticole  
d'Agadir)





# Educational and research resources



Research Professors

**240**



Technicians

**92**



Administratif Staff

**275**



Educational and research  
Infrastructure

22 departments

Laboratories

Experimental greenhouses

Clinics

Technological hall

# KM process at IAV Hassan II



- Research activities
- Practical internship
- PHD school
- Studies , surveys

## Creation



- Training
- Vocational training
- Extension
- Policy briefs

## Using



## sharing

- Publications in international journals
- Publications in national journal
- Books
- Technical guidelines
- Seminar and workshops
- IAV portal

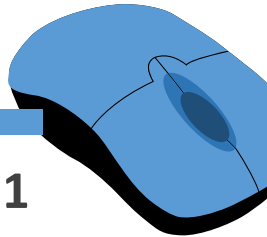


## Managing

- Center of agronomic documentation
- 3 edited journals by IAV
- IAV Connect

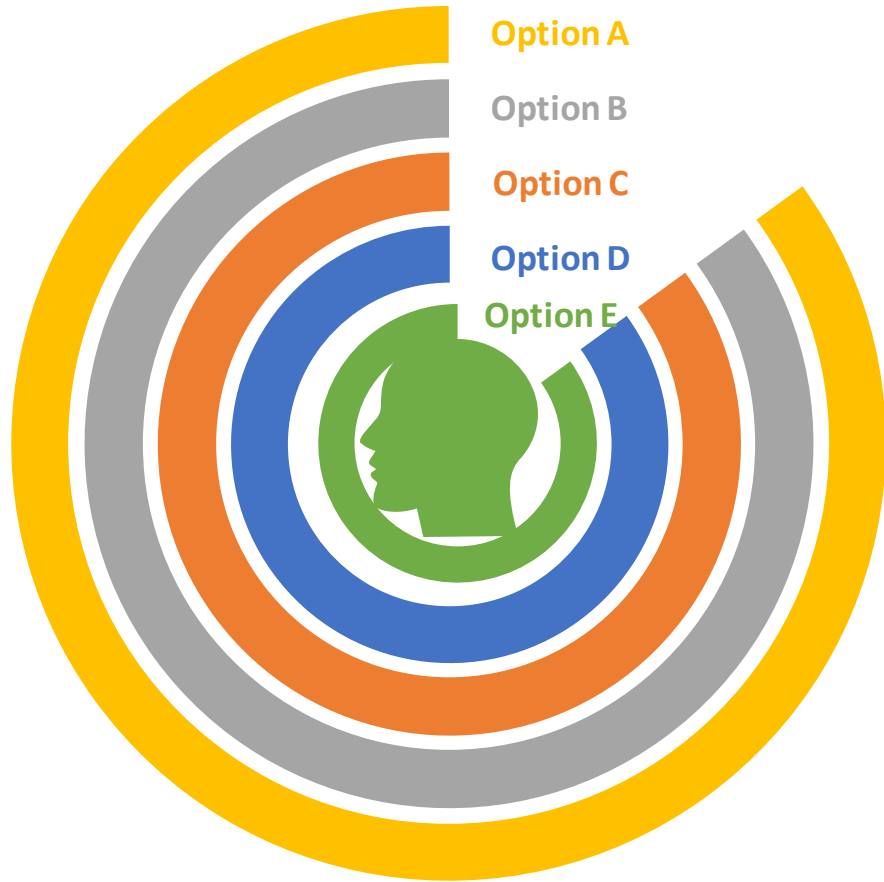
**2020-2021**

**Target : improve our  
KM implementing  
strategy and use of IT  
tools**



# Knowledge creation sources

(estimated %/year)



**70%**

## **Master thesis :**

Annually around 300 graduated students are preparing a thesis research report

**2,7%**

## **PHD thesis**

PhD thesis : 342 enrolled student from 2011 ( 92 graduated since 2013)

**27%**

## **Scientific Publications**

120 Articles submitted in National and international journals

**0,3%**

## **Patents**

3 patents are delivered and 2 registered since 2017

**Additional**

## **Research and expertise contracts**

Project research deliverables and expertises reports representing around 65 % of IAV contracts

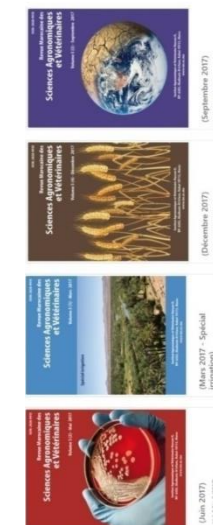
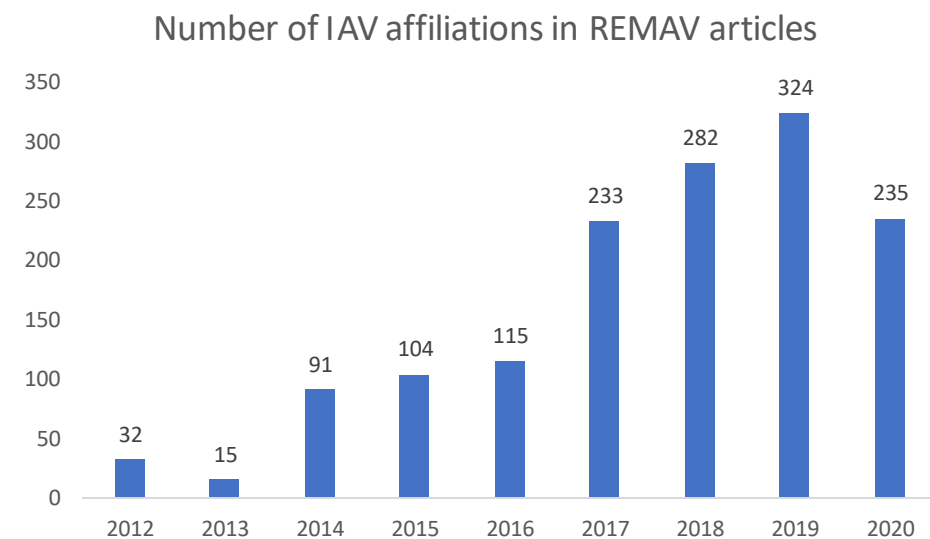
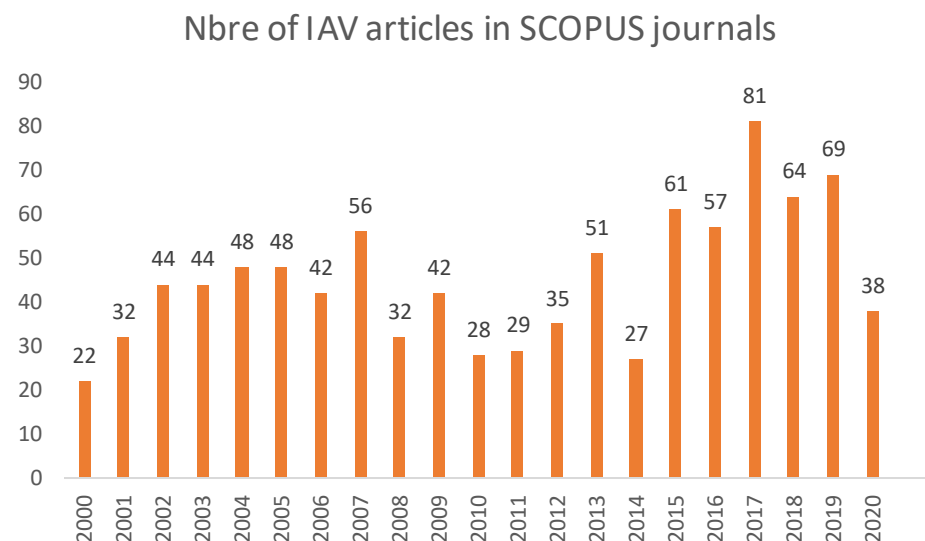


# Sharing Knowledge (ex)

## Scopus®

### REMAV local journal edited by IAV

**950 papers in SCOPUS database 200-2020**



Source : Zebakh, S. Calculation data retrieved on 23.05.20

# Managing knowledge : Agriculture Documentation Center

## IAV production

- More than **9000** thesis  
(**3 000** thesis on internal platform)
- + **20 000** Training reports
- **175** PhD thesis +
- **3** printed and online journals edited by IAV
- +**70** Books edited by IAV



## External sources

+ **15.000** books  
**49** Dictionary , **68** Encyclopedia  
**12** scientific journals

**Bibliographic records:**  
+**30.000**

**Database:** **AGORA** &  
**HINARI, ARDI ...**  
**CABI, ProQuest DataBase**

# Existing Knowledge management tools



## Integrated Library Management System (ILMS)

help us keep track of our documents inventory and loans, and profiles

### Documentation center

Software for managing the documentation center :



- ✓ the library management,
- ✓ the watch and the documentary products,
- ✓ the publication of editorial content
- ✓ the electronic document management.

1) Using **AGRIS (FAO) classification** to organize knowledge represented in any form, e.g., **books, documents, electronic resources...**

2) Adopt a standard controlled vocabulary/ontology, the FAO of the UN **AGROVOC** multilingual thesaurus, to define the types and properties of variables in the dataset;



## Enterprise Ressource Planning

- For the Academic information and administrative management

# Obstacles hampering KM process

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



Loss of knowledge and under  
valorized results

## Archives

Archives are not stored centrally and nor  
digitized

## Scientific Journals

Journals Edition is based on  
the personal commitment of a  
few professors

## Tools

Lack of IT adapted tools from knowledge  
tracking to dissemination  
Linking between IAV campuses in Agadir and  
Rabat  
Capitalize on tacit knowledge

Lack of KM procedures and  
incentives

Absence of KM vision  
and strategy

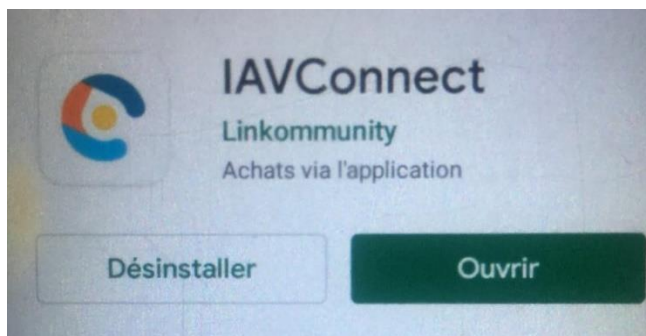




# Future initiatives 2020-2021

- **Interactive website**

- **IAV Connect (phone application):** building a community of students, Alumni, researchers and staff of IAV Hassan II



- **Administrative application** to manage agreement, mobility, project funding
- **Expectation from SKIM project:** implementing a KM strategy and procedures, sharing MEL experience

**The outcomes of the IFAD funded SKiM project are  
achieved through the synergic efforts of the  
implementing partners and collaborating organizations.  
Special thanks to the Governments of  
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and Representatives.**

**SKiM Partners**

Agricultural Research Corporation (ARC) – Sudan, Central Coordination Unit for IFAD Projects in Sudan (CCU-IFAD), Consolidated IFAD Programme Implementation Unit (CPIU-IFAD), Ecole Nationale D'Agriculture de Meknes (ENA-Meknes), Knowledge Access in Rural Interconnected Areas Network (KariaNet), Institut Agronomique et Vétérinaire (IAV) «Hassan II», Institutul pentru Dezvoltare și Inițiative Sociale (IDIS) «Viitorul», Institut de Recherche au Service du Développement Agricole (INRA), Office National du Conseil Agricole (ONCA), Research institute of Field Crops «Selectia», State Agriarian University of Moldova (SAUM), Sudanese Knowledge Society (SKS), University of Khartoum (UofK)

