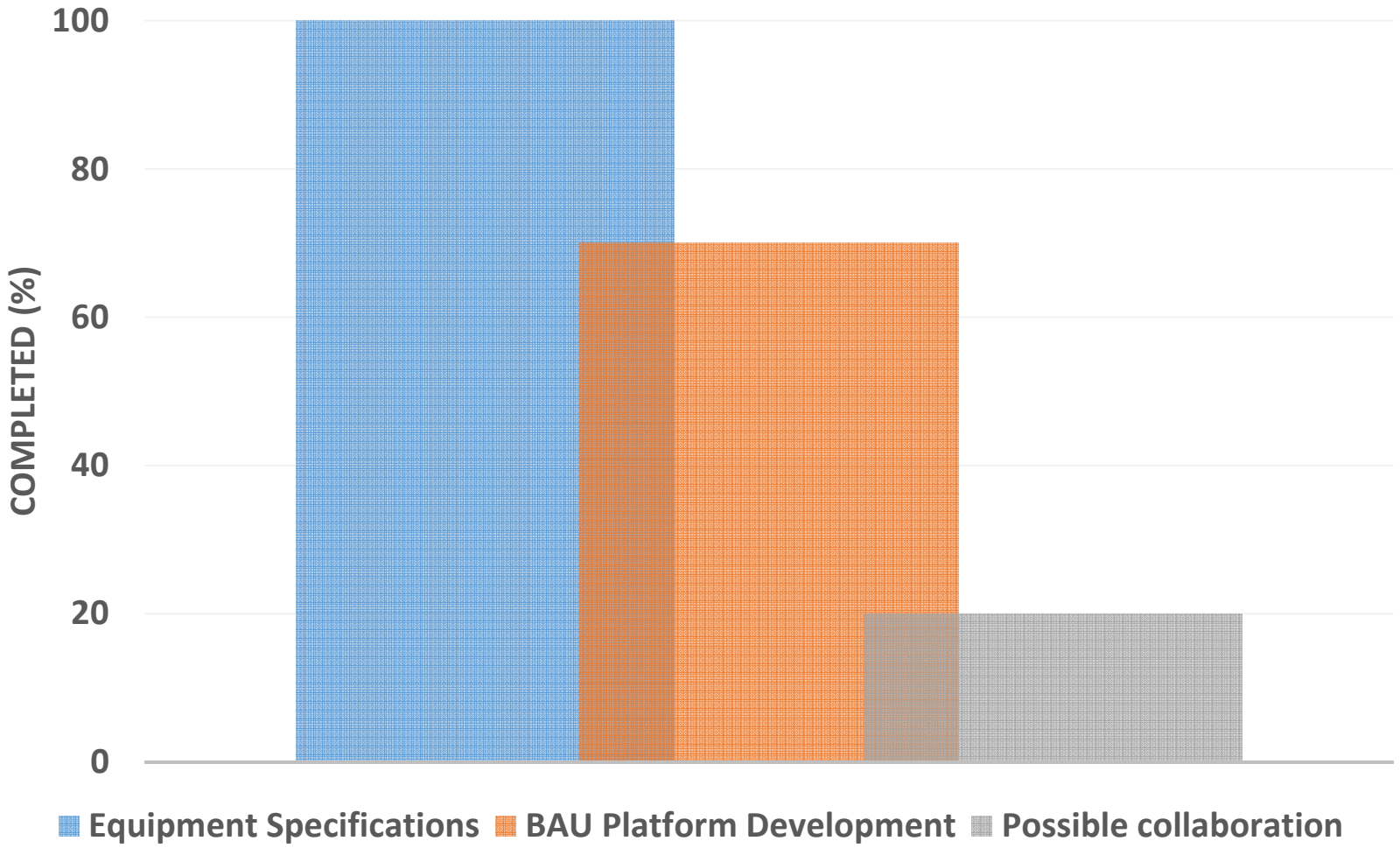
MIMIr-BAU Team

WP4: MIMIR Equipment Proposed Project Platform Specifications

BAU Tasks and Progress



Quick Survey – Kahoot!

On your Mobile Phone

1) **Go to Apple Store or to Google Play**

2) **Install the App (it takes less than a minute)**

Part 1: Equipment Specification and Quotations

During the Team visit to Jordan, from left to right: Breget, Zeineb, Tarek, Hazem, and Atef
Photo by Naser Almanaseer

Annex 1:Equipment and specifications

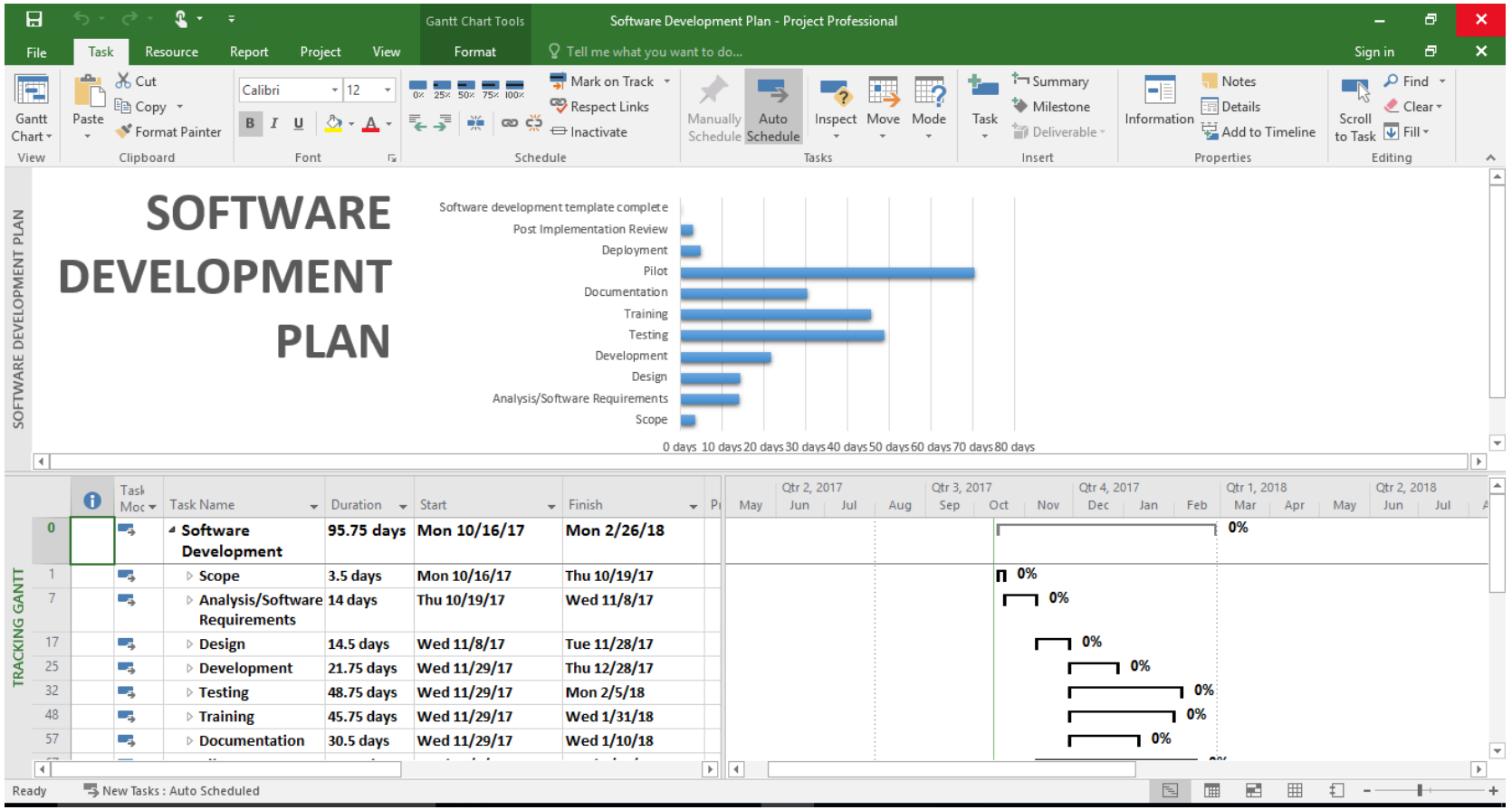
ABSTRACT

This document is prepared by MIMIr Team at Al-Balqa' Applied University, one of the project partners, to provide technical specifications for equipment needed for the project. The funding is by Erasmus+ CBHE Action 561548-EPP-1-2015-1-ES-EPPKA2-CBHE-SP, and the project is coordinated by Barcelona University in Spain.

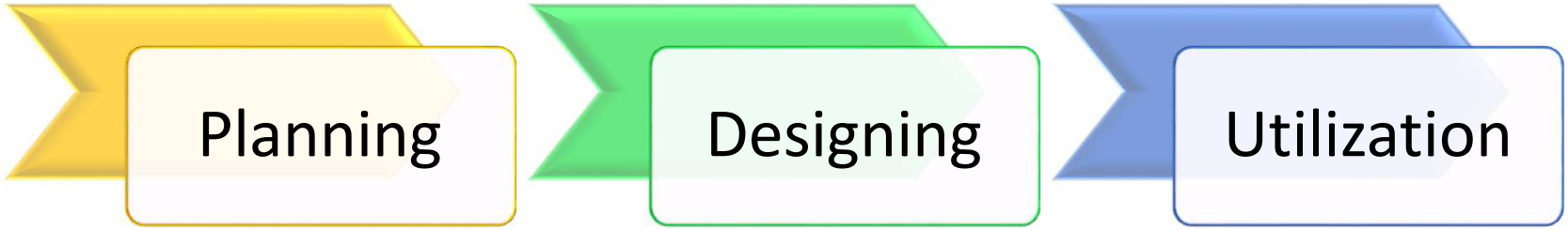
Auther

MIMIr Team at Al-Balqa' Applied University

Planning the Job; utilize local experience and resources

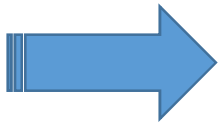


Part 2: BAU Platform Development



BAU Platform: Planning

- Assess existing situation (national report)
- Define Indicators
  - Stakeholder consultation (within BAU)
  - Study visits and Roundtables (Within MIMIR)
  - Transferrable European Innovation and Research Management Practices (Hand Book). (Within MIMIR)
- Identify Modules (list of modules)
- Identify Needed infrastructure (Hardware, Human Resources).
- Preliminary approval by BAU top management.



Concept Model for Platform at BAU

Model Structure
for
Innovation and Research Information System (IRIS)

DRAFT

Depending on:
Modernization of Institutional Management of Innovation and Research in South Neighboring Countries (MiMir)

By MiMIr-BAU team

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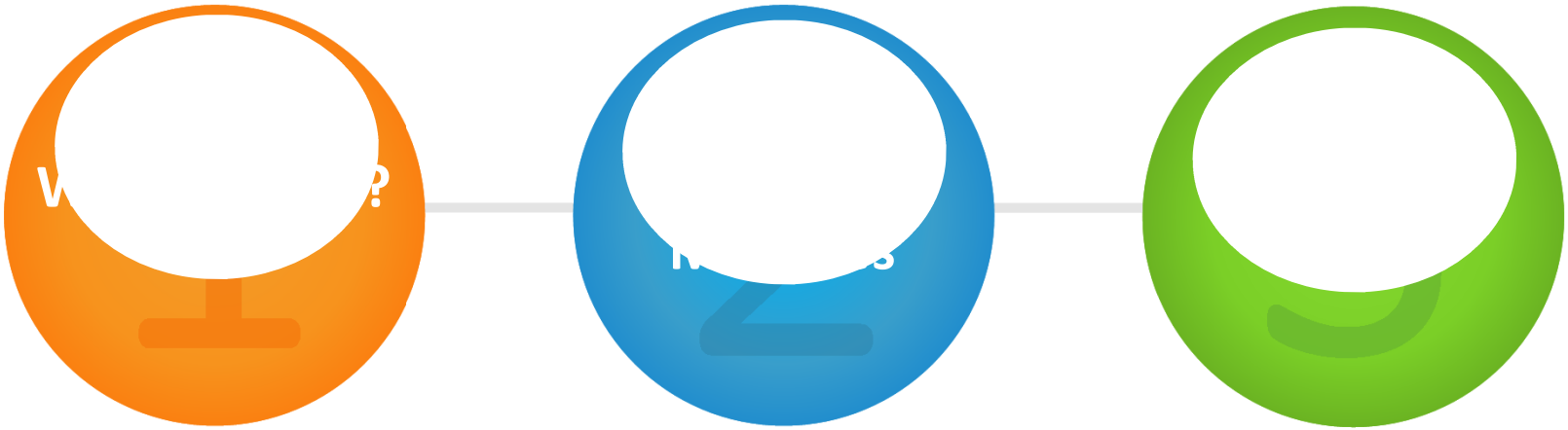
BAU Platform; The Concept

Innovation and Research Information System (IRIS)



We have features for every step of the way

What is IRIS?

platform , Information , and exchange

Innovation and Research Information System (IRIS). IRIS is a pilot-style, database-construction project platform for Information and knowledge sharing and exchange Innovation Research and Development (IRD) for target groups and stakeholders in BAU.

Three Designing Phases

- **Coding prototype**
- **Evaluation (assessing System Performance).**
- **Evolution (System Debugging & Maintenance)**

System Modules

Human Resources , Institutions, Publications, etc. …

IRIS

System Modules

- **Human Resources**
- **Institutions**
- **Publications**
- **Projects**
- **News**
- **Events & Meetings**
- **Facts and Figures**
- **Links Module**
- **RSS Module**
- **Job Opportunity**
- **Good Practices**
- **Country Reports**
- **Laws and Regulations**

Definitions for selected modules

Publications (Documents)	**This module keeps track of publications authored by researchers. Each publication has specific data such as abstract, authors, keywords, etc.**
Projects	**This module keeps track of the projects in which Institutes participate in.**
Human Resources	**Projects are identified by title, funding agents, and objectives.**
	A web based system of multi lingual capturing and disseminating information about personnel in the research sector in BAU. This Module keeps track of the researchers of the IRIS
Institutions	**This module presents basic information about institutions in Jordan such as name, address, goal, achievement…etc.** **The IRIS system provides a backend for storing/update institutions' data and a front end for browsing and searching.**

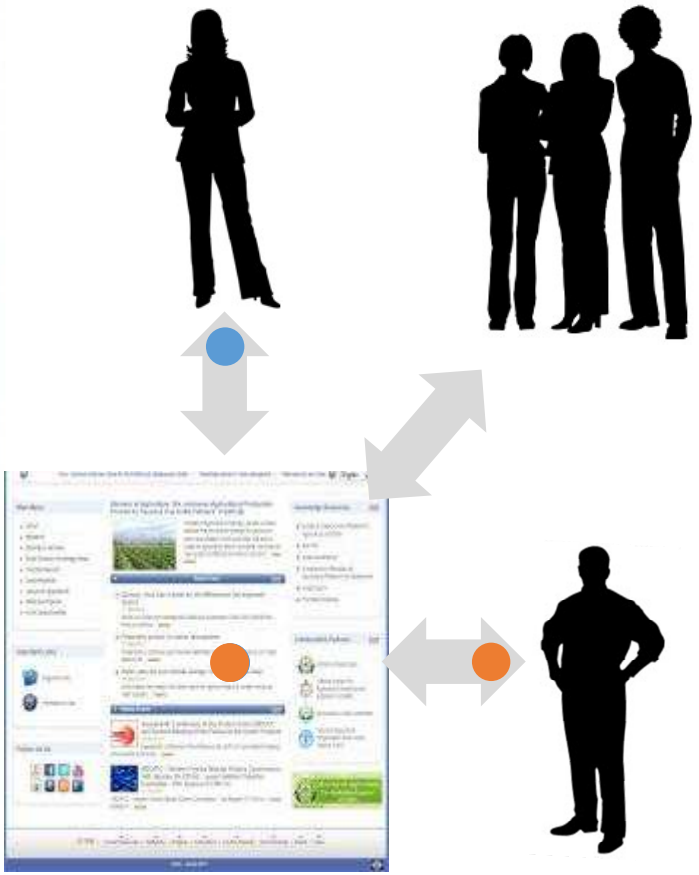
Application Interfaces

Front end Interface

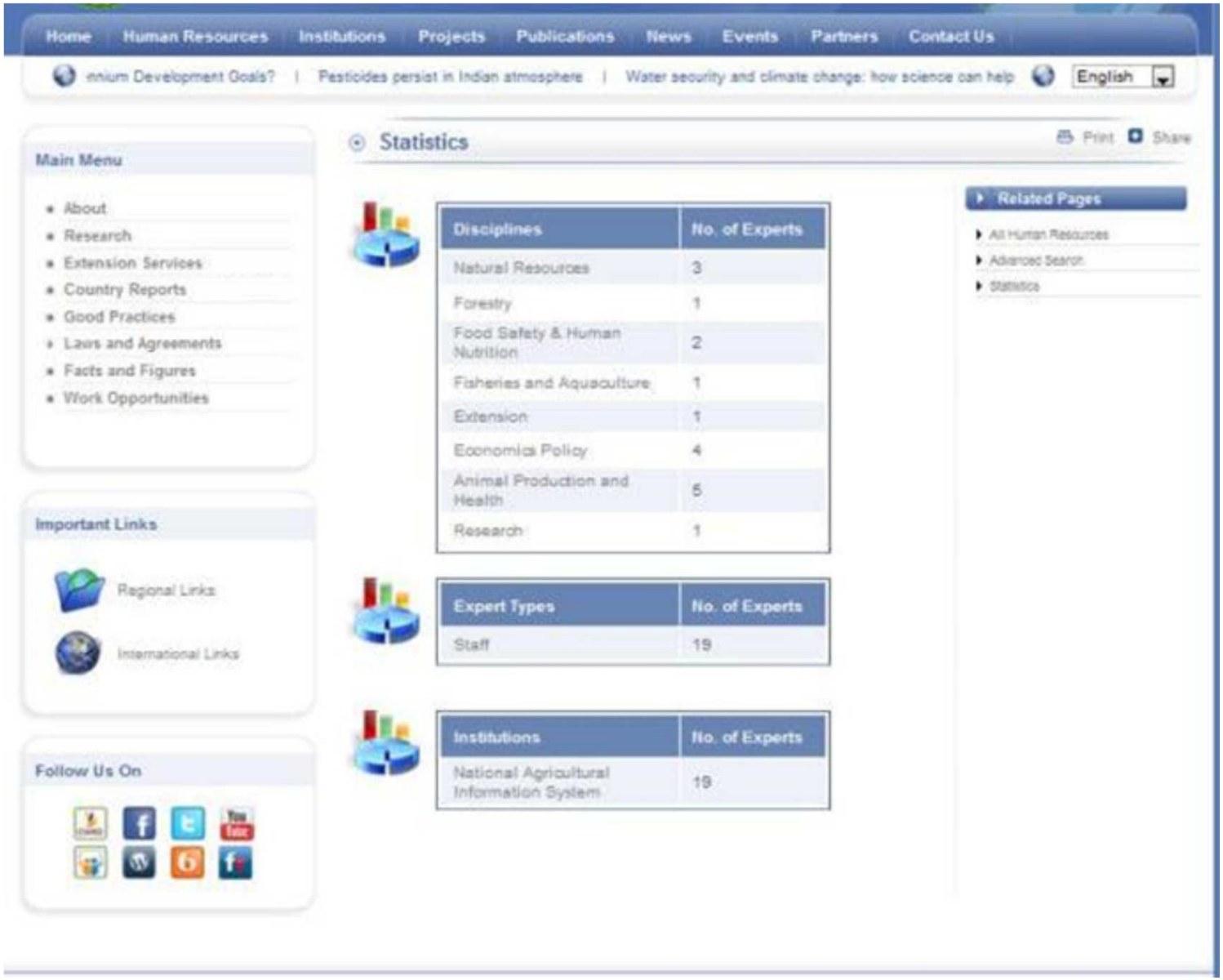
The front end components provide the information browsing and retrieval functionalities, and are available to any site user

Back end Interface

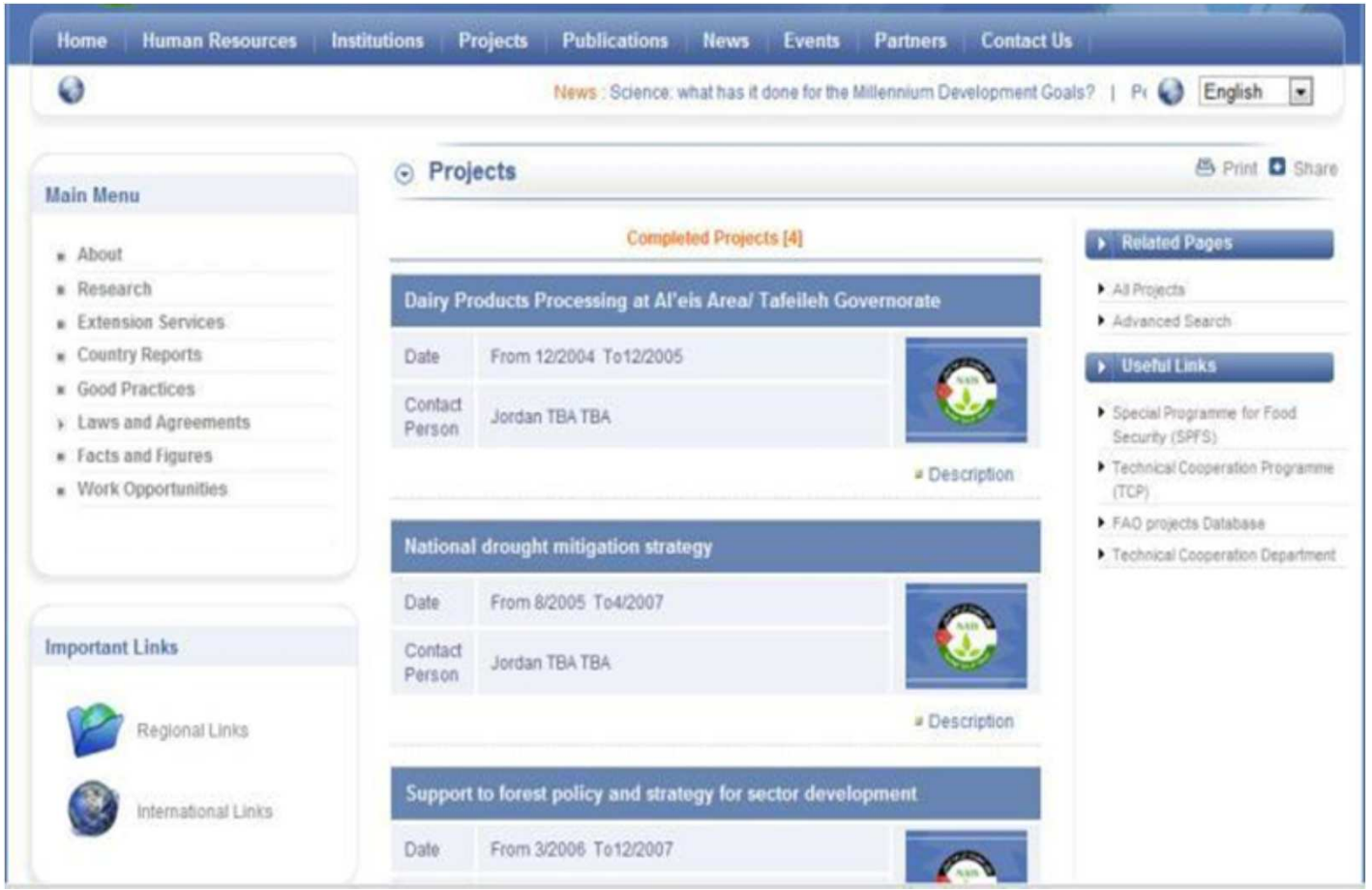
The backend components provide the data management functionalities that enable system administrators to input/update/delete data items into the NAIS database. These components are accessible by system administrators only.



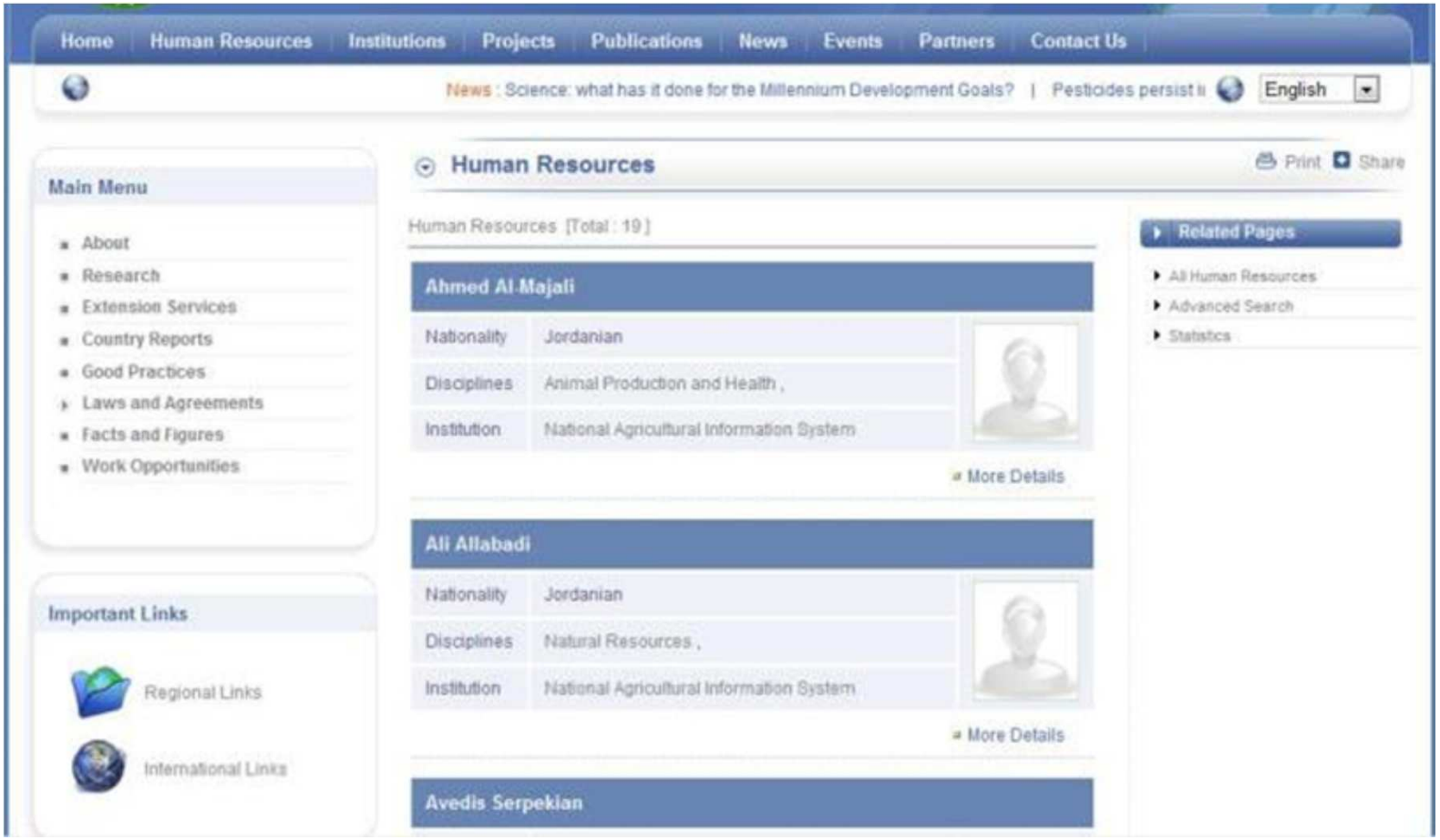
Statistics - Human Resources



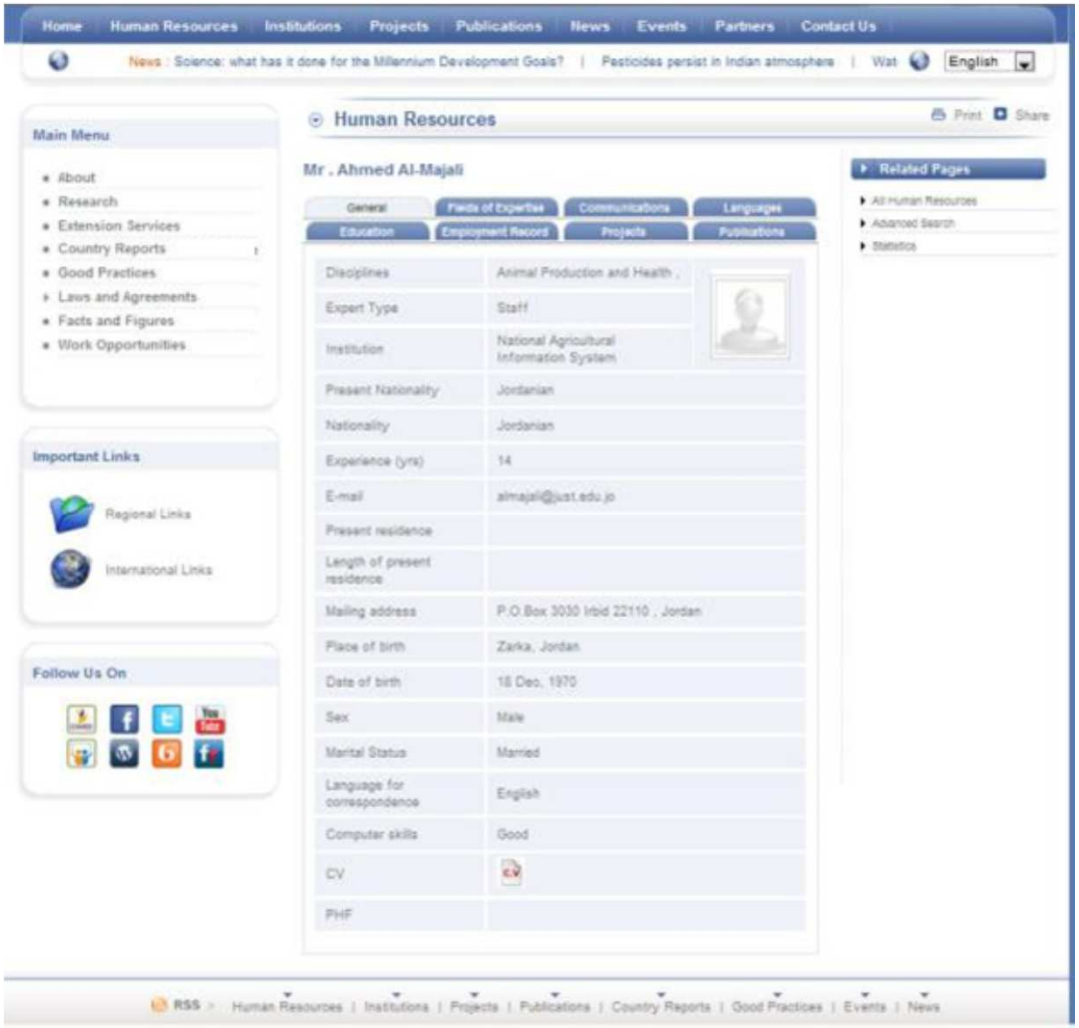
Browsing Modules - Projects



Browsing Modules - Human Resources



Example Data- Human Resources



Management – Back end

Browsing Modules – Back end

System Management Level - Users

Level 1

User Name	Responsibility
1- BAU Administrator	BAU administrator who is responsible for 1. Adding/Deleting/Editing/Export XML and View Institutions. 2. Assign College Administrators to institutions. 3. Add alternative languages to the institution. 4. Add/Edit/Delete/View other modules as Country reports, Good practices, Laws and regulations, Links, RSS, Export XML files and Data Registrant. 5. translate the backend and frontend interfaces to different languages

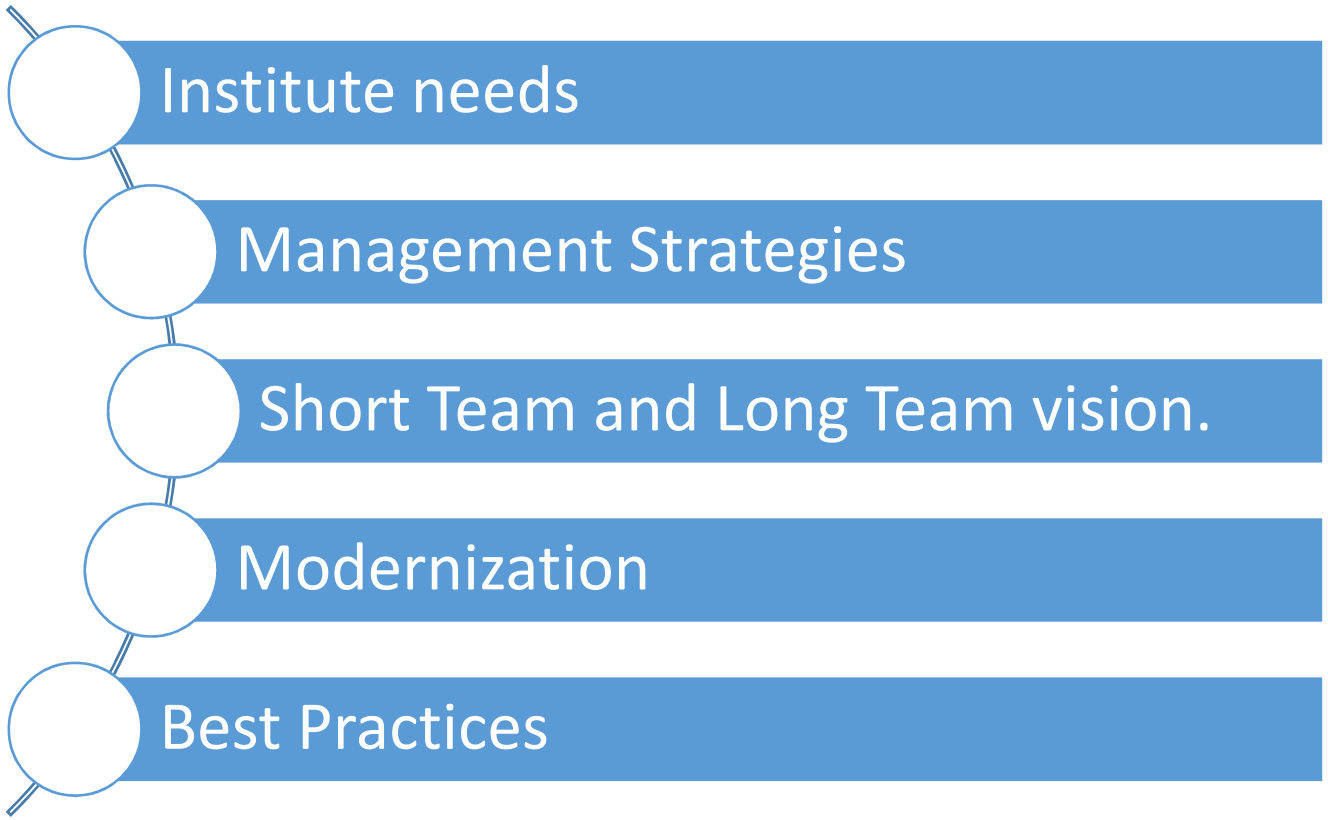
Level 2

User Name	Responsibility
2- College Administrator	The college Administrator is assigned by BAU Administrator to administrate delegated institutions and is responsible for 1. Adding/Deleting/Editing//Export/View Institutions under his authority. 2. Add alternative languages to the College 3. Assign Institution Data Entry to institutions. 4. Publish/Reject/Delete/Edit and view Publications, Projects or Experts sent by Institution Data Entry. 5. Publish/Reject/Delete/Edit and view other modules as About, Focal points, Events, News, Links and Page creator sent by Collage Data Entry.

Level 3

User Name	Responsibility
3- Data Entry	The Data Entry is assigned by College administrator to institutions and is responsible for 1. Add Projects, Experts and Publications, About, Focal points, Events, News, Links and other modules under his authority. 2. Update/Delete Projects, Experts, Publications, About, Page creator and Links that are added but not yet sent to Collage Administrator. 3. Send all items to College Administrator for approval.

Models dimension - Customization



Customized indicators and modules

Improved Virtual Platform

Replication ?

Virtual Platform
South-South collaboration

DESIGNING AND IMPLEMENTING OF VIRTUAL PLATFORM IN PARTNER INSTITUTIONS - CONCEPT NOTE

Submitted by

MIMIr Team

Al-Balqa Applied University, Jordan

As part of the activities of Modernization of Institutional Management of Innovation and Research in South Neighboring Countries October, 2017

Preface

Modernization of Institutional Management of Innovation and Research in South Neighboring Countries - MIMIr is a project coordinated by Barcelona University and funded through ERASMUS +. Establishing virtual platform at partner institutions is one important intervention to empower management of innovation and research at these institutions. This approach will allow for knowledge transfer and exchange, and therefore the proposed virtual platform will be implement to invest in the existing experience and improve it to allow for further dynamic collaboration in idea generation, data flow, and innovation in general. Based on the progress of the project represented by study tours and roundtables conducted by the project at several partner institutions, the necessity of functional and effective virtual platform become evident. According to the project settings, partners are granted almost equal resources to achieve this specific task. However, the initial conditions in terms of innovation and research management varies among different partner institutions. Hence, customized interventions is unavoidable. Despite the limitations in both the allocated resources and time, MIMIr Team at Al-Balqa Applied University (BAU) made significant steps toward implementing this task. During the roundtable held in Amman back in July 2017, partner institutions preliminary discussed the possibility of collaboration between partners from Jordan and Morocco on the issue of virtual platform development, and assigned BAU and Mohammad IV to take the responsibility in this particular assignment. Consequently, this document presents draft concept on the possible collaboration between BAU and partner institutions in Morocco and Jordan toward the development of customized virtual platform.

1. TASKS

Task 1: Planning

This task focus first on performing system-analysis to fully understand the current situation of innovation and research at partner institution. This analysis will partly utilize information presented in the national report prepared earlier by the Jordanian and Moroccan partners.

Work Plan and Timeframe

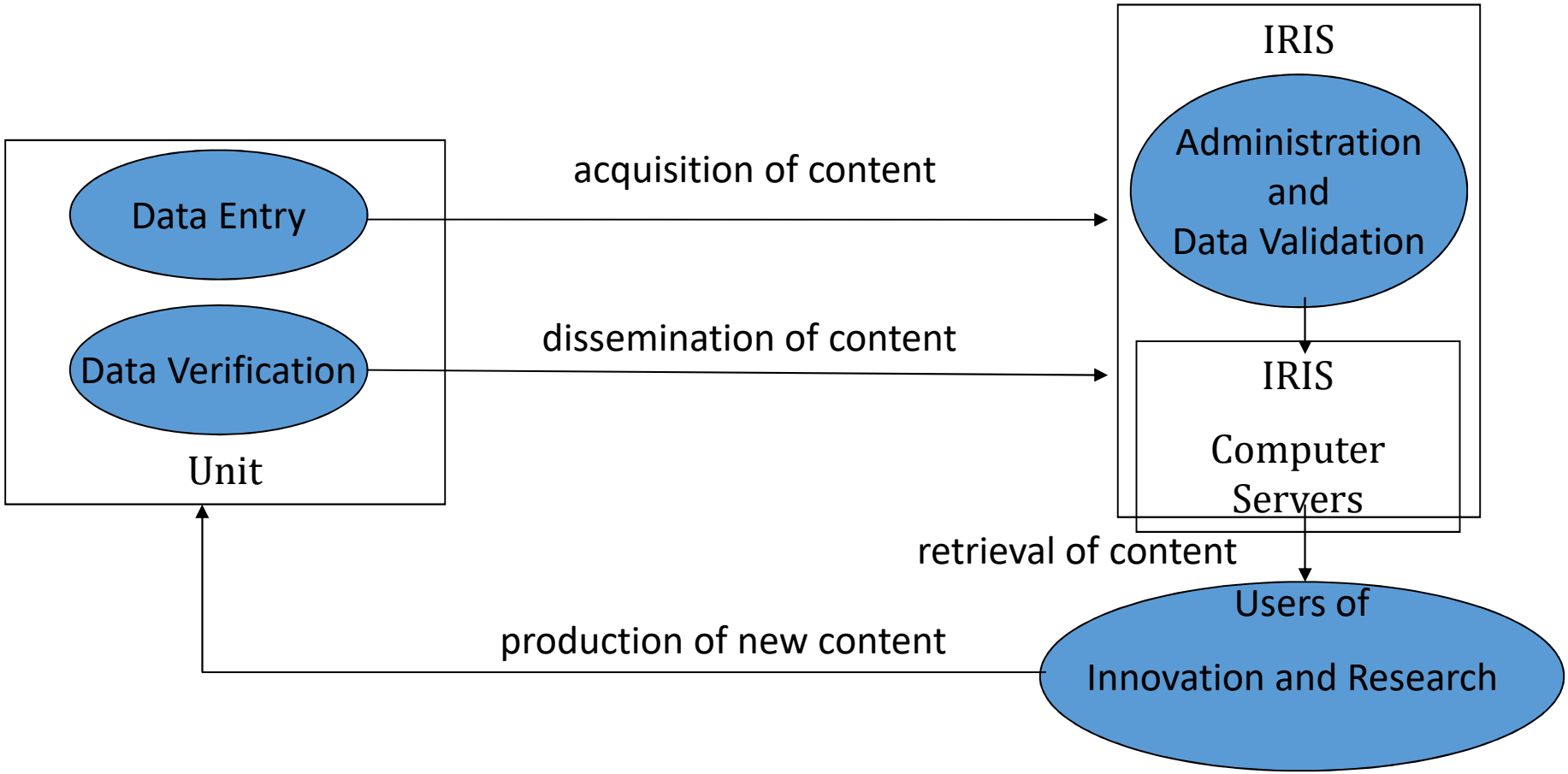
Task	Deliverable	Contributor	Time
Planning	Inception Report Hardware specifications Software specification	BAU	
Platform Design	List of indicators List of Modules	BAU and partners	
	Code Prototype	BAU	
Dissemination	Lunching event Awareness	BAU	
	Integration	Partners	
Capacity development	On-job training	BAU	
Replication and Upscaling	Customized virtual platform at partner institutions	BAU	
Impact Assessment	Impact report	BAU	

Thank you

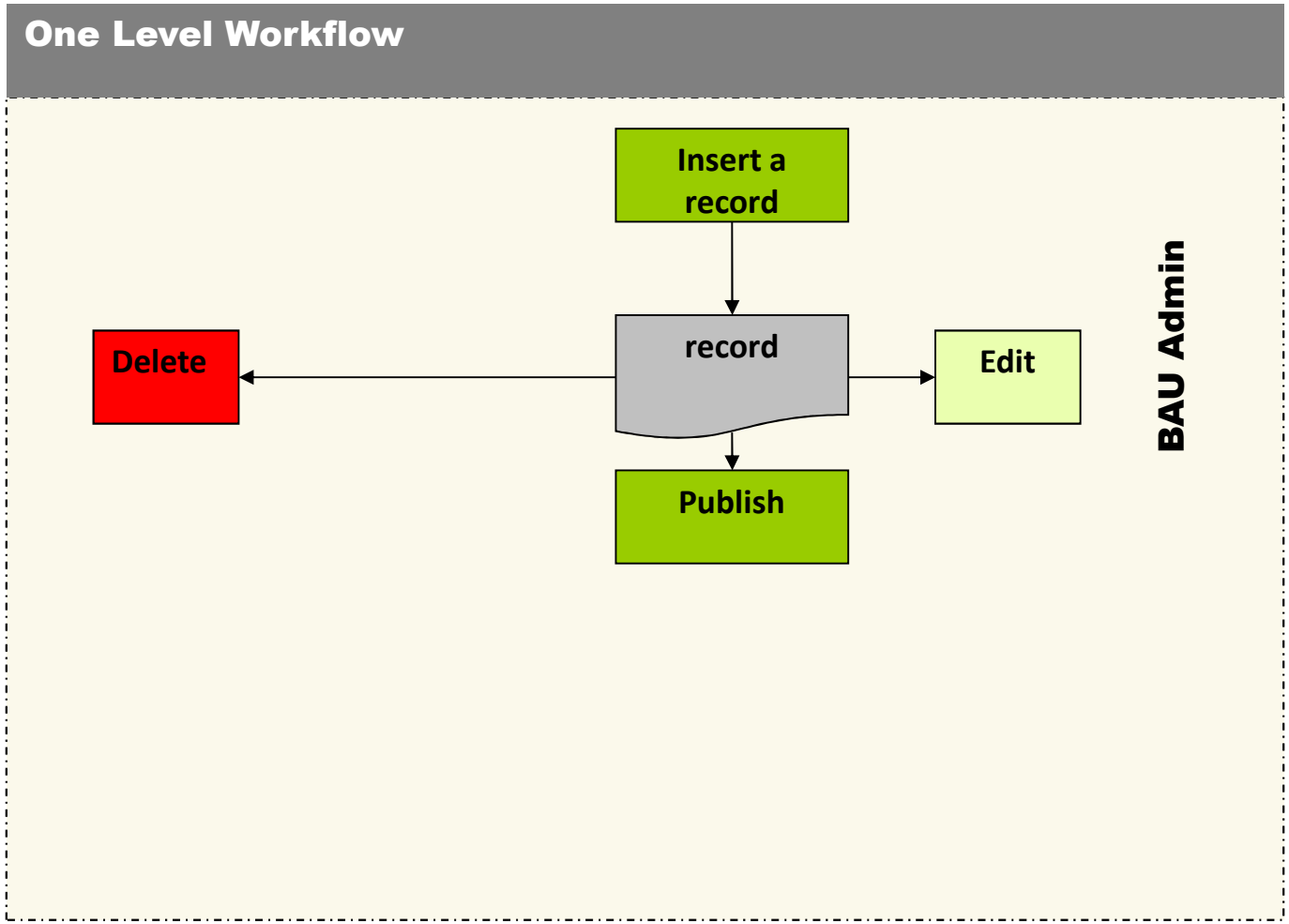
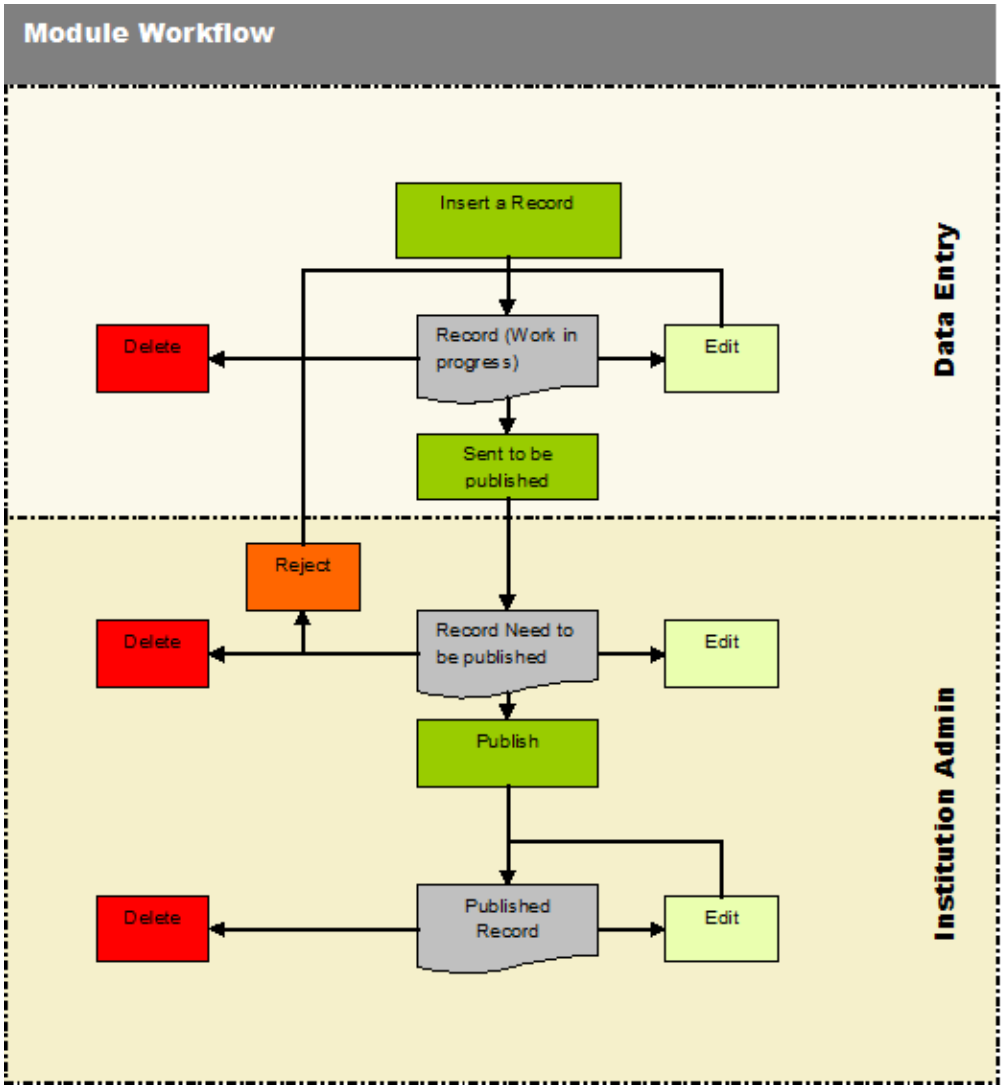
Country Report Module	**It is concerned with country reports concerning all issues related to Innovation and Research**
Good Practices Module	**It is concerned with displaying successful Innovation and Research case studies.**
Links Module	**It displays related links to this System.**
RSS Module	**It is concerned with exchanging information between different applications.**
News and Events Modules	**They are concerned about displaying News and Events about Ministry of agriculture and any Innovation and Research issues.**

Collaborative Partners Module	**It is concerned about Collaborative partners cooperating with ministry of higher education as an example financing projects.**
Job Opportunity	**Job Opportunity allows Universities to announce available jobs needed.**
Facts and Figures Module	**It provides facts and figures about Innovation and Research sectors.**

Work Flow


IRIS
Administration and Data Validation
Data Entry
Data Verification
Unit
acquisition of content
dissemination of content
IRIS
Computer Servers
retrieval of content
Users of
Innovation and Research
production of new content

One Level Workflow



Modules Workflow