

CLCA II: Monitoring and Evaluation from Logical Framework to Implementation

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08-May-2018

Result-Based Management (RBM)

Monitoring, Evaluation and Learning (MEL) processes to

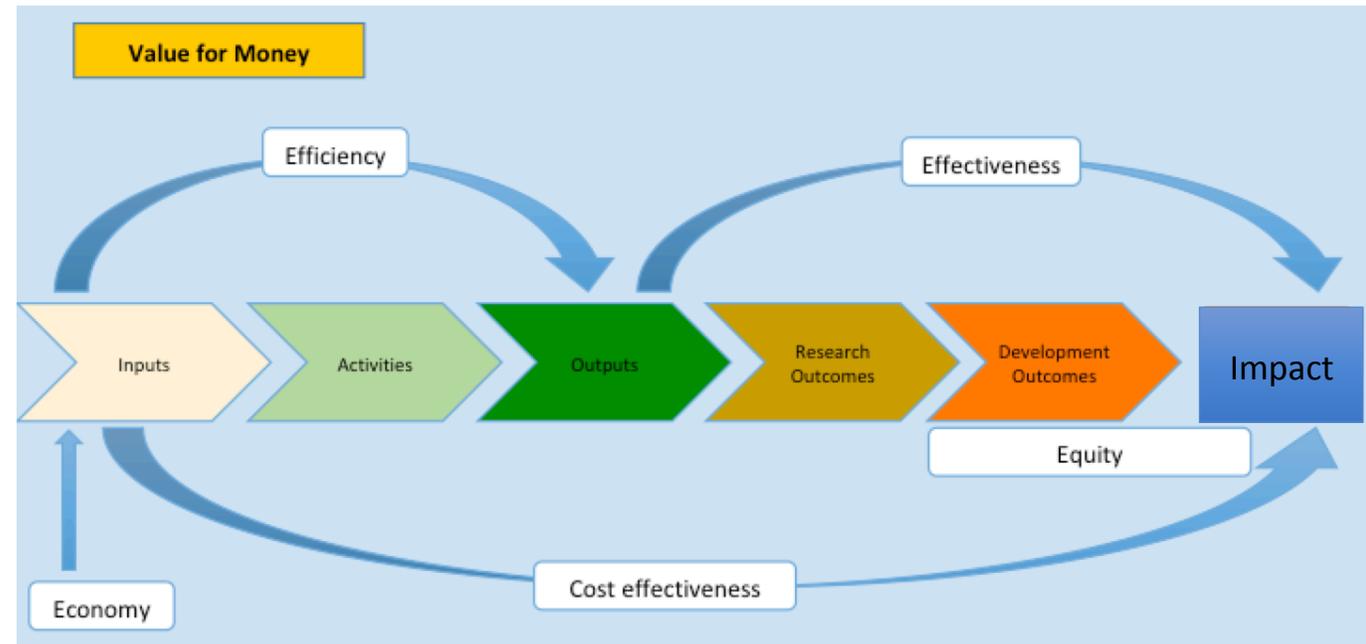
- Communicate the impact of research while contributing to solve development challenges
- Implement agile learning to effectively design and deliver research impact at scale through strategic partnerships
- Demonstrate accountability, benefits and value for money in research
- Allow evidence-based decisions on how and where targeting public spending

Outputs

-Timeliness and quality of expected research results (Knowledge, Data, Technologies, Tools)

Outcomes

-Indicator based monitoring
-Participatory monitoring looking at processes and causal relationships among outputs and outcomes



M&E Areas of Action and Interest - I

Focus on Output 1.4 Appropriate monitoring and evaluation frameworks are established.....

Logical Framework

Indicators @ Goals, Objectives, Outcomes and Outputs + Process indicators (Activities)

-Disaggregation (e.g. gender, country, crops) & responsibilities

Risk management along the log-frame

-Annual identification and assessment

Data Collection and Information management systems

Main hub (Primary data storage): Monitoring, Evaluation and Learning Systems (MEL)

-Team work, Donor and experts review, data analysis

Linked hubs (w/depositing workflows): MARLO, MELSPACE, DSPACE, CGSPACE, DATAVERSE, IFAD KM Portal

-Data depositing, indexing and sharing of permanent identifiers

Processing Hubs: BEM, GeoODK, ODK, GEOC

-Raw data collection, curation and processing

M&E Areas of Action and Interest - II

Reflections and Steering

-Country meetings (reflections) to inform Management Team (**Annual M&E reports developed in each country**) and provide validation to Steering Committee decisions

Reviews and Evaluations

- Internal Self-assessment process via MEL
- External mid-term reviews and final evaluation along OECD criteria (relevance, efficiency, effectiveness, impact, sustainability) and two adapted criteria (internal coherence within CG Centers mandate and added value).

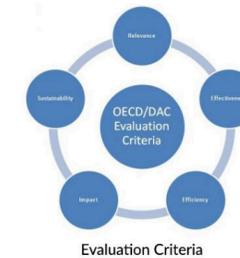
Knowledge Management

- Knowledge Products and Data as source for M&E processes
- Sustain the FAIR principles (Findable, Accessible, Interoperable, Reusable)
- Avoid overlapping and promote harmonization
- Ensure IFAD goal for Open Access

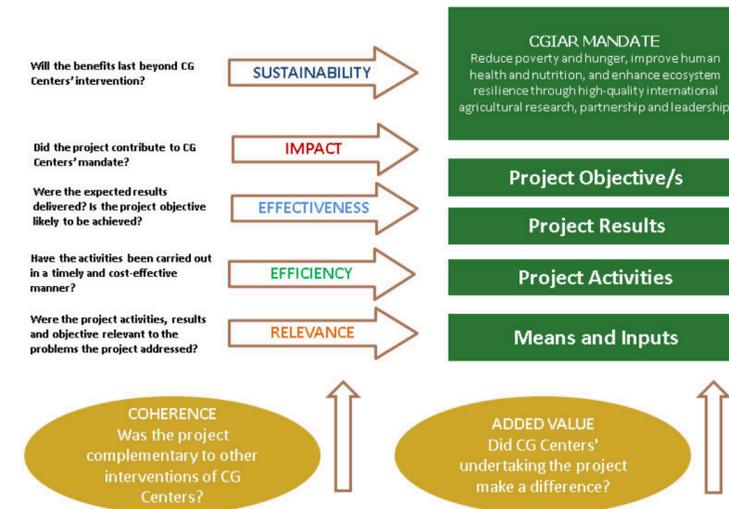
icarda.org

Project Self-Evaluation

Use of Conservation Agriculture in Crop-Livestock Systems (CLCA) in the Drylands for Enhanced Water Use and Soil Fertility in NEN and LAC Countries



How the evaluation criteria are linked to the logical framework?



M&E Data for dissemination I

Project Website

-Example of interoperability of Data (API) from the M&E database to the Web: <https://mel.cgiar.org/projects/clca2>



icarda.org

ABOUT US



The project has been designed to combine an adaptive research program, including integrated capacity development, with the active development of a delivery mechanism for CLCA systems to serve as impact accelerators in both targeted regions. The adaptive research component will include a subcomponent, which involves extensive socioeconomic and market data collection to be used for optimizing adapted CLCA packages for different agroecologies and socioeconomic contexts. (IFAD ID# 2000001630)

Period of Implementations

Apr 13, 2018 - Jun 30, 2022

Total Budget

USD 2500000

Project Team



Mourad Rezik

Dr. Mourad Rezik is a livestock scientist with more than 25 years of academic and research experience in the area of animal reproduction and also small ruminants' production and management in drylands. Mourad holds a PhD in animal production from the university of Reading in UK. He also holds a de



Aymen Frija

Dr Aymen Frija is an Agricultural Economist scientist, with five years of experience in farm modeling. He holds a PhD, in Agricultural Economics from Ghent University/Belgium. Dr. Aymen Frija serves as Agricultural Economist at the Social, Economic, and Policy Research Program (SEPRP) at



Katrin Park

Global communications professional for development and humanitarian aid, with postings including Afghanistan and Indonesia. Expert in creating and implementing high-impact communications campaigns for the UN and NGOs to achieve policy objectives. Writer with dozens of op-eds published in major media

Partners



Bruno Gerard - CIMMYT



Mohamed Nasri - OEP



Omar Zaghouane - ITGC



M&E Data for dissemination II

OUR IMPACT

Goals

To sustainably increase production and enhance climate resilience of small farmers' communities and their crop-livestock production systems in drylands.

Objectives

To develop local adaptable soil conservation and water use efficiency technologies as well as forage crops and biomass management practices for different CLCA systems in the drylands using agroecological principles and participatory action research approaches.

Impact Pathway

The main target groups directly reached by the project are 3,000 households of small crop-livestock producers in NA and LAC regions whose livelihoods are dependent on crop production and livestock of which 70% will adopt CLCA farming systems with increased production and improved cost-benefits compared to conventional systems. Considering that CL systems form the basis of the livelihoods of two-thirds of the population in developing countries (Herrero et al., 2010), there is a good potential for upscaling of the project's results. Through the support to innovation systems supporting adoption, the involvement of NARES and linking to IFAD investment projects, the spill-overs are expected to reach 20,000 households, who will indirectly benefit from the project.

WHERE WE WORK

Algeria



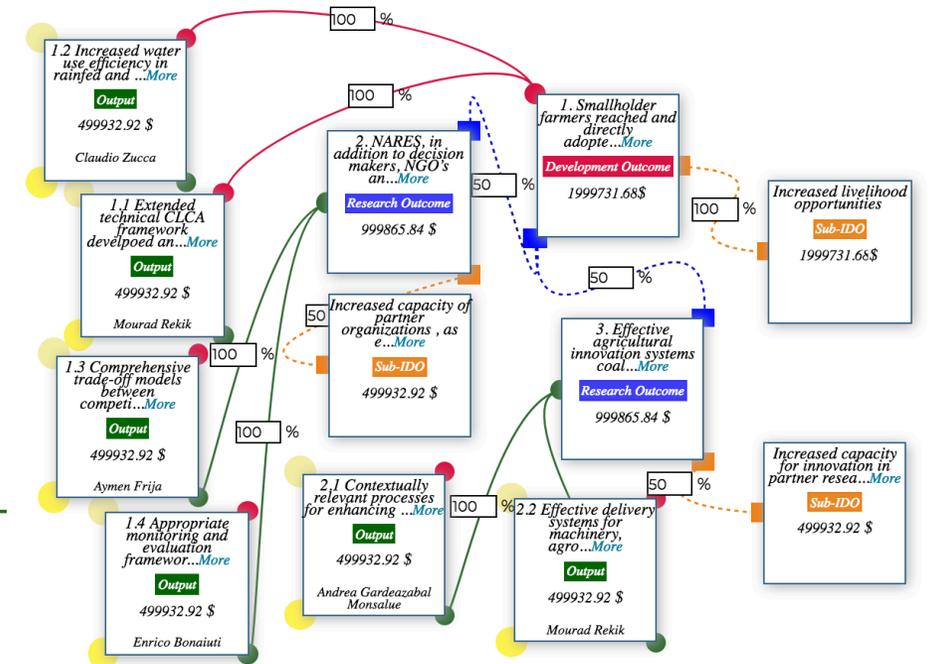
Tunisia



Bolivia



Nicaragua



M&E Data for dissemination III

Events

May 2018

<< Prev Today Next >> Year Month Week Day

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30	1	2	3	4	5
6	7	8	9	10	11	12
■ CLCAII - Inception Meeting (Other Training) From:2018-05-07 - To:2018-05-09						
13	14	15	16	17	18	19

Donors



Monitoring, Evaluation and Learning (MEL) Platform

MEL is an online platform for integrated management, monitoring, and reporting of projects, from planning to budgeting, risks assessment, knowledge sharing



MEL: Interoperability Network – Sustainability through Partners



MEL: Interoperability Network (Future)



MARLO



M&E Data: Partners @ Work



MEL LOGIN

- ABOUT US
- OUR IMPACT
- WHERE WE WORK
- RESOURCES
- NEWS & EVENTS

Actions

- Login from Project Web site or main MEL site
- Learn through Video Tutorial (YouTube): [Click here](#)
- Use the Online Guide: [Click here](#)

Project Management

Enrico Bonaiuti
Last modified Dec 07, 2016

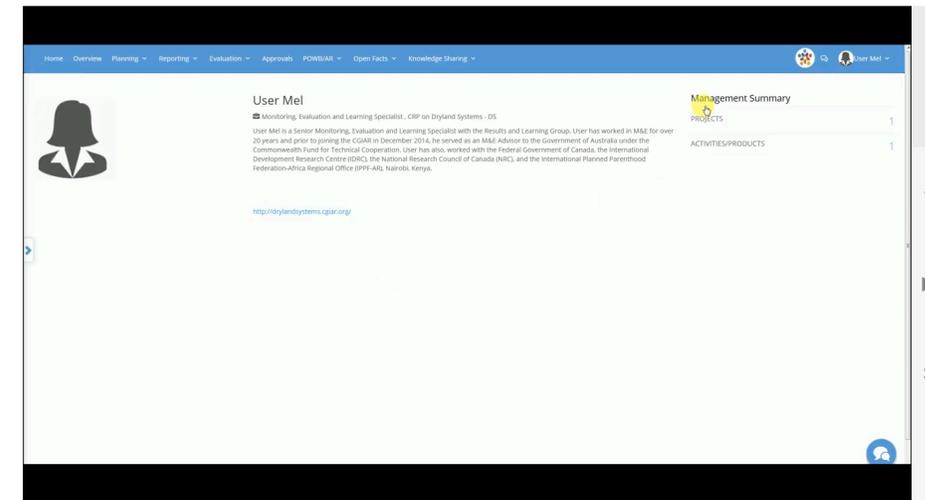
To manage a *project*, move the cursor on the *top bar* and position it on "Planning"; this will open the related menu.



- Project
 - View Project
 - Project Edit
 - Project Management
 - Project Research Team
 - Project Budget
 - Project Partner
 - Project Output
 - Project Capacity Development
 - Project Outcome
 - Project Impact Pathway
 - Project Research Phase
 - Project Donor's Report
 - Project Roadmap

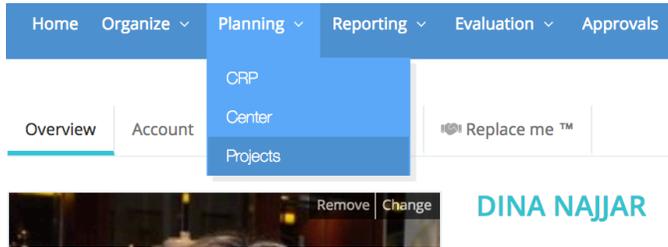


Search



Click on "Projects" to visualize all *projects* assigned to the account. Proceed to the management page by clicking on the "Manage" button.

M&E Data: Partners @ Work II



Explore & Refine

-Select your Project

-Find the outputs and add your deliverables

Use of Conservation Agriculture in Crop-Livestock Systems (CLCA) in the Drylands for Enhanced Water Use and Soil Fertility in NEN and LAC Countries

Project Manager: Mourad Rekik; Agreement ID: 200116; From: 2018-04-13 To: 2022-06-30;

Manage

View

Outputs							
All records		Search:					
ID	Output	Type	Role	Start Date	End Date	Actions	
6736	1.1 Extended technical CLCA framework developed and applied	Frameworks and concepts	You don't have any responsibility	2018-04-13	2022-04-12	<ul style="list-style-type: none"> Edit Edit OECD Relevance Edit AR Indicator Partners Deliverables CRP Mapping Delete 	
6739	1.2 Increased water use efficiency in rainfed and irrigated systems and reduction of erosion in soils with steep slopes	Technologies and practices	You don't have any responsibility	2018-07-13	2022-04-12	<ul style="list-style-type: none"> Edit Edit OECD Relevance Edit AR Indicator Partners Deliverables CRP Mapping Delete 	

M&E Data: Partners @ Work II

Engage

- Define the CapDev activities you will supervise in each country
- Set the targets for the project indicators

New Capacity Development Activity+

Capacity Development Activities

20 records Search:

ID	Training Type	Information	Start Date	End Date	Supervisor	Status	Actions
1782	Individual Degree	Tunisia Female MSc on Trade-off analysis of options for enhancing the large scale adoption of conservation agriculture practices in small farming systems of North Africa: case of Tunisia	2018-06-01	2018-08-15	Aymen Frija	Approved	Edit Postpone Cancel
1792	Sem/WS/TC	Regional Face to face Workshop Training on CLCAII - Inception Meeting in (Tunisia , Hammamet) (Male:11, Female:5)	2018-05-07	2018-05-09	Mourad Rekik	Submitted	Edit Delete

ID	Outcome	Type	Actions
6744	1. Smallholder farmers reached and directly adopted CLCA farming systems with increased production and improved cost-benefits optimized by filling research and development gaps	development	Edit Risks CRP Mapping Indicators SRF Mapping Delete
6745	2. NARES, in addition to decision makers, NGO's and IFAD loan project partners have adopted tools and methodologies for reliable decision making and guide investments on contextually appropriate CLCA systems	research	Edit Risks CRP Mapping Indicators SRF Mapping Delete

Indicators

Add New+ Retrieve from CRP Level+ Retrieve from Center level+

20 records Search:

Indicator	Unit	Actions
Smallholder farmers have directly adopted CLCA farming systems	Farmers	Edit Values Delete
Smallholder farmers reached	Farmers	Edit Values Delete

M&E Data: Partners @ Work IV

Export POWB



Get POWB

Reset

Export

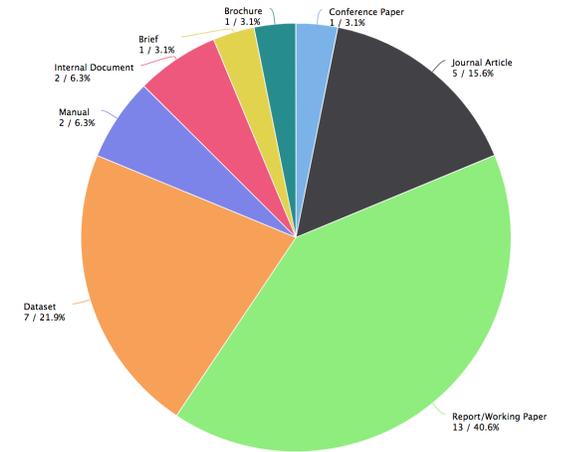
Deliverables Chart

ICARDA - Use of Conservation Agriculture in Crop-Livestock Systems (CLCA) in the Drylands for Enhanced Water Use and Soil Fertility in NEN and LAC Countries - Mourad Rejik - Budget: \$2,500,000 [Overview](#)

Output	Type	Output Responsible	Deliverable	Crops	Reporting Scientist	Center	Type	Delivery date	Files
1.1 Extended technical CLCA framework developed and applied		L: Mourad Rejik	-	-	-	-	-	-	-
1.2 Increased water use efficiency in rainfed and irrigated systems and reduction of erosion in soils with steep slopes		L: Claudio Zucca	-	-	-	-	-	-	-
1.3 Comprehensive trade-off models between competing uses for crop residue biomass developed and simplified for wider use		L: Aymen Frija	-	-	-	-	-	-	-
1.4 Appropriate monitoring and evaluation frameworks are established		L: Enrico Bonaiuti	-	-	-	-	-	-	-
2.1 Contextually relevant processes for enhancing broad uptake of conservation agriculture		L: Andrea Gardezabal Monsalue	-	-	-	-	-	-	-
2.2 Effective delivery systems for machinery, agronomic and livestock services through facilitation of access to finance, private investment and public-private partnerships		L: Mourad Rejik	-	-	-	-	-	-	-

- Conference Paper 1 / 3.13
- Journal Article 5 / 15.63
- Report/Working Paper 13 / 40.63
- Dataset 7 / 21.88
- Manual 2 / 6.25
- Internal Document 2 / 6.25
- Brief 1 / 3.13
- Brochure 1 / 3.13

Proposal.docx



Training Information	Supervisor	Center	Type	Implementation Period	Files
Tunisia Female MSc on Trade-off analysis of options for enhancing the large scale adoption of conservation agriculture practices in small farming systems of North Africa: case of Tunisia	Aymen Frija	ICARDA	Individual Degree	From: 2018-06-01 To: 2018-08-15	-

Outcome	Outcome type	Indicator	Indicator description	Indicator values
1. Smallholder farmers reached and directly adopted CLCA farming systems with increased production and improved cost-benefits optimized by filling research and development gaps	development	Smallholder farmers reached	The indicator measures the number of farmers (disaggregated by gender and country) reached	Values
2. NARES, in addition to decision makers, NGO's and IFAD loan project partners have adopted tools and methodologies for reliable decision making and guide investments on contextually appropriate CLCA systems	research	Adopting institutions/Projects	The indicator measures the number of institutions (disaggregated by type and country) adopting tools and methodologies for reliable decision making and guide investments on contextually appropriate CLCA systems	Values
3. Effective agricultural innovation systems coalesced in order to foster broad uptake of conservation agriculture practices within integrated dryland crop-livestock production systems	research	# of agricultural innovation systems coalesced	The indicator measures the number of innovation systems coalesced (disaggregated by country)	Values

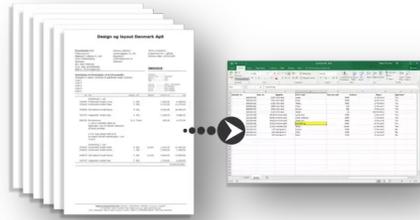
Knowledge & Data Repositories

DSPACE / DATAVERSE / IFAD KM

Linked & Processing Hubs

Data Processing

ODKs

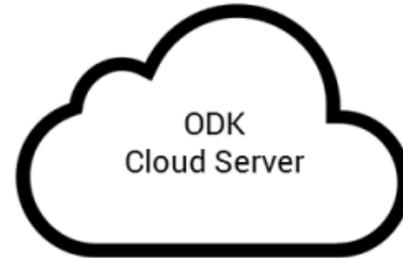


1. Design the survey template in the office

Survey Design

2. Upload survey template to the ODK cloud server

3. Download survey template to mobile device

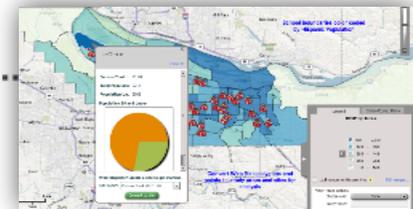


6. Download and analyse the data sets

5. Send completed survey data to the ODK cloud server

4. Undertake survey data collection in the field

Survey Collection



Geo-Informatics Option by Context (GeOC)



LOGIN TO YOUR ACCOUNT

The Global Geo-informatics Context and Options (GeCO) is a new web-based GIS tool that enables its users to define, monitor, assess and co-create knowledge and learning on relevant Sustainable Land Management (SLM) options that match the social-ecological context at global, regional and national scales.

The GeOC tool aims to support the implementation of SLM practices by the local international communities by providing them with context-specific information that is required to make sound investment decisions for agricultural and rural development.

The GeOC is designed to provide land users, development projects or programs, and policy decision-makers with plausible, robust extrapolation domains for guiding decisions on the selection and use of SLM options, and an open platform for docking different disciplinary projects into integrative/holistic and converging actions for promoting SLM at scale.

GeOC is the result of the synergic efforts by CGIAR Research Program on Dryland Systems (CRP-DS), the International Center for Agricultural Research in the Dry Areas (ICARDA) and its Geoinformatics Unit (GU), and is powered by IMMAP, Codeobia, D-Space and Amazon Web Services.



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The screenshot shows the GeOC web interface. On the left, there is a sidebar with the GeOC logo and the tagline "System-based Options by Context". Below the logo are filter options: "Region" set to "Africa", "Sub-Region" set to "Eastern Africa", and a "Search country..." field. A list of countries is shown with checkboxes, where "Ethiopia" is selected. There are "Select all" and "Deselect all" buttons. Below the list is a "Theme" dropdown menu with "Outcome-Impact Databa..." selected. At the bottom of the sidebar, there are two buttons: "Context/Driver's Database" and "Outcome-Impact Database". The main area is a map of Africa with various countries labeled. A "Map" button is visible in the top left corner of the map area.

This screenshot shows a detailed view of a map area. A green shaded region is highlighted on a dark background. A pop-up window titled "Administrative Unit" is displayed over the map. The window contains the following information: "Country: Tunisia", "State/Province: Médenine", "County/District: Sidi Makhmour". Under "SLM Info", it lists "Id: 16", "Name:", and "Description:". Under "SES-TYPE(s)", it lists "800: Sparse vegetative areas" and "1000: Bare soil areas". A "View Metadata" link is at the bottom of the pop-up. The map shows a grid pattern over the highlighted area.



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Thanks!

Questions?

<http://dx.doi.org/20.500.11766/8225>

The presentation provides the Result-Based Management approach to be implemented during the project life.

URI
<http://hdl.handle.net/20.500.11766/8225>

Collections
 ICARDA [2508]

Partners

View/Open

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