FARA
Forum for Agricultural Research in Africa

Understanding Impacts Pathways in Knowledge Management for Agricultural Development

By Anselme Vodounhessi,
Lead Specialist M&E | CAAPs Programme Coordinator

FARA Forum for Agricultural Research in Africa · AFAAS · K4DP Knowledge for Development Partnership · CCARDESA · CORAF · ASARECA Transforming Agriculture for Improved Livelihoods · CGIAR · Interfaces

05 Expected Takeaways

1. *KM impacts ?*
2. *KM Value Chain*
3. *MEL Value Chain*
4. *Integrated MEL and KM Value Chain*
5. *Application with CAADP-XP4 Consortium integrated KM-MEL Tools*

A way to an Integrated KM and MEL Value Chains for Better Planning and Reporting…

1. KM impacts ?

FARA
Forum for Agricultural Research in Africa

Is this outstanding achievement an Impact, an Outcome, or an Output?

100 technology Guidelines are disseminated to farmers/SMEs/ extensionists.

Otp

43 million farmers/ SMEs/ extensionists have received technology Guidelines.

Otp

20% improvement in productivity or efficiency in intervention areas over baseline.

Imp

5 million farmers using new agricultural practices disseminated through KM platforms.

Otc

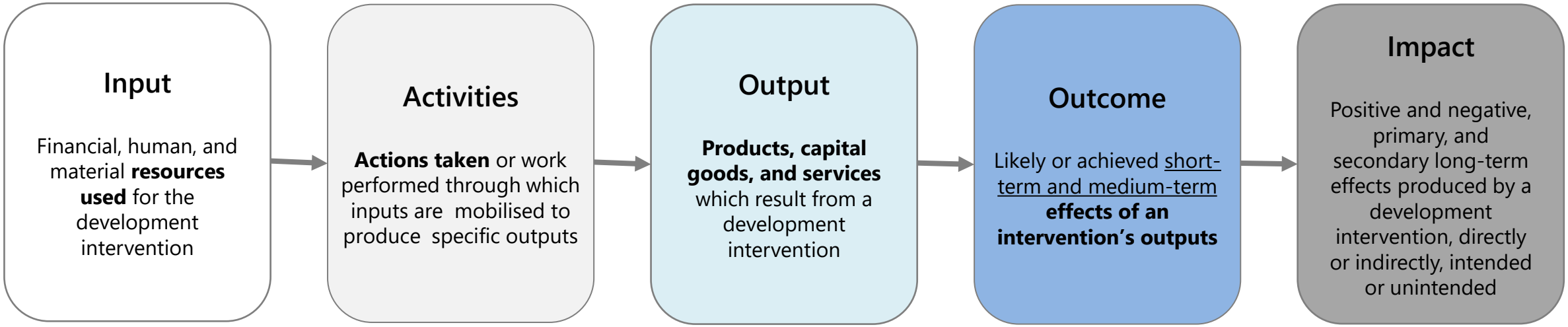
60 % of organisational decisions demonstrate the use of evidence generated via KM.

Otc

Understanding the Right level of KM RESULTS …

Essential Competency for the Results Measurement

Results Pathway: Standards definitions

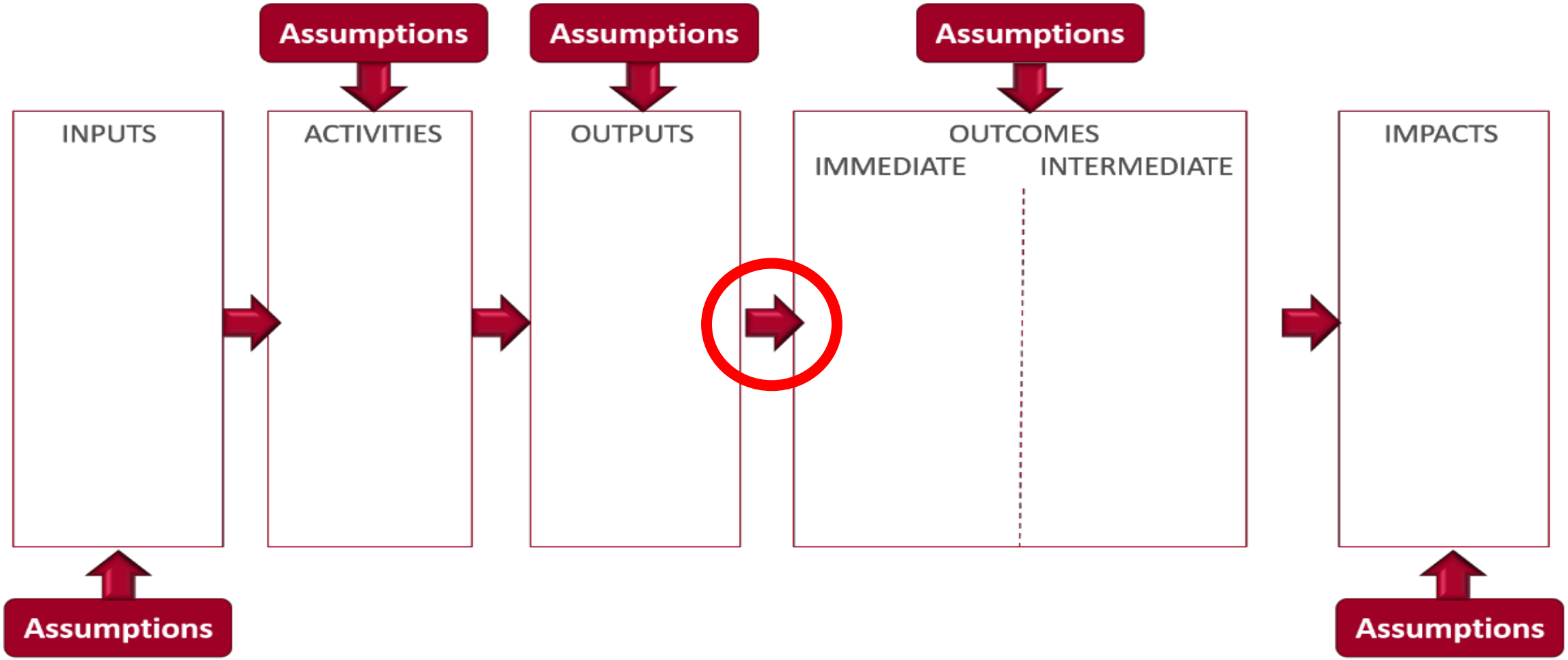


	Input	Activities	Output	Outcome	Impact
Indicator	Amount of financial and human **resources allocated to KM** system development and implementation	Number of **KM activities conducted** *(e.g., training sessions, workshops, knowledge fairs, content development sessions).*	Number of knowledge products **developed, stored, and disseminated** through digital platforms.	Percentage of stakeholders **applying KM-generated knowledge** in decision-making or operational activities..	Demonstrated **improvement in institutional** performance, innovation adoption, or policy formulation attributable to KM practices.
Example	**% of total project budget** devoted to KM infrastructure, training, and tools	# of **KM capacity-building events** conducted for project teams and stakeholders	# of **technical briefs**, **policy notes**, **toolkits**, or datasets uploaded to the KM platform.	% of agricultural **extension officers adopting new practices** shared via KM platforms.	% increase in **productivity**, efficiency, or **policy reforms** directly influenced by evidence and lessons from KM systems.

→ **Designed based on Contextual factors and key Assumptions**

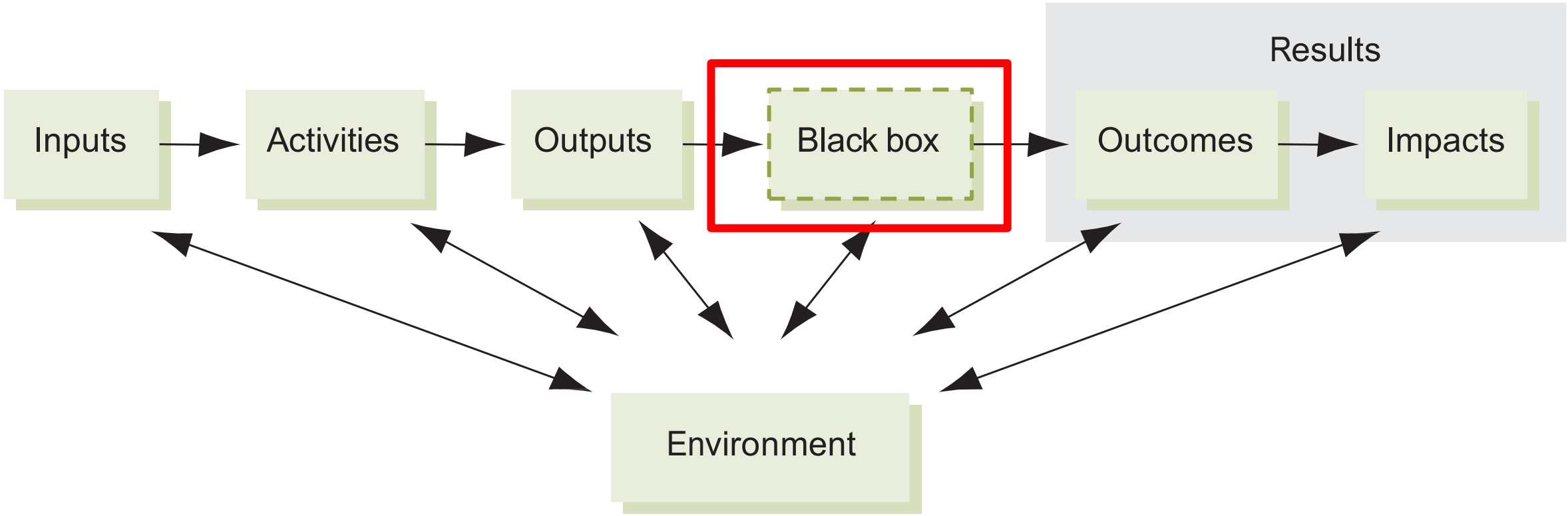
Essential Competency for the Results Measurement

Check where are your assumptions



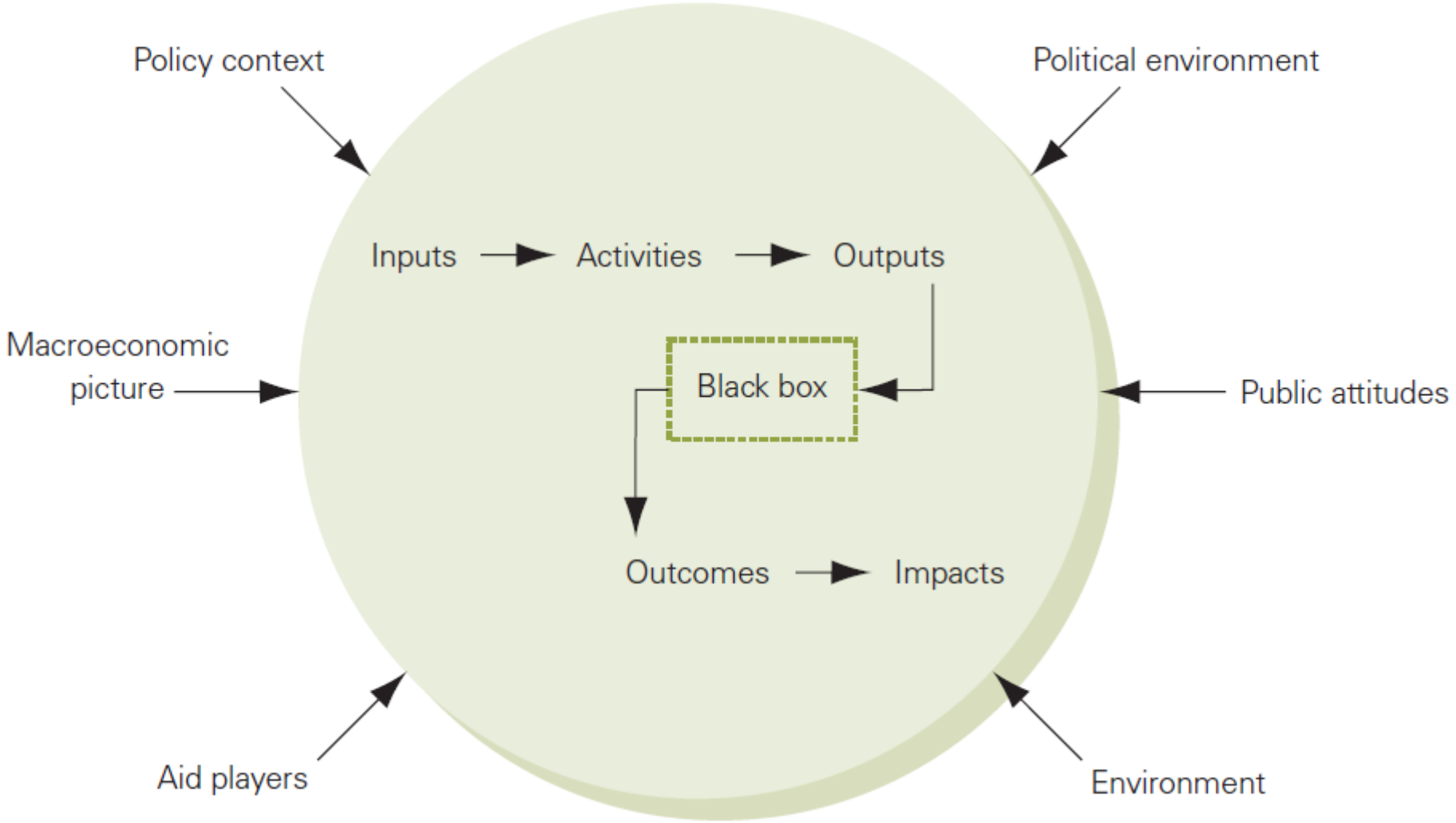
Essential Competancy for the MEL …

Master your Black Box before planning results



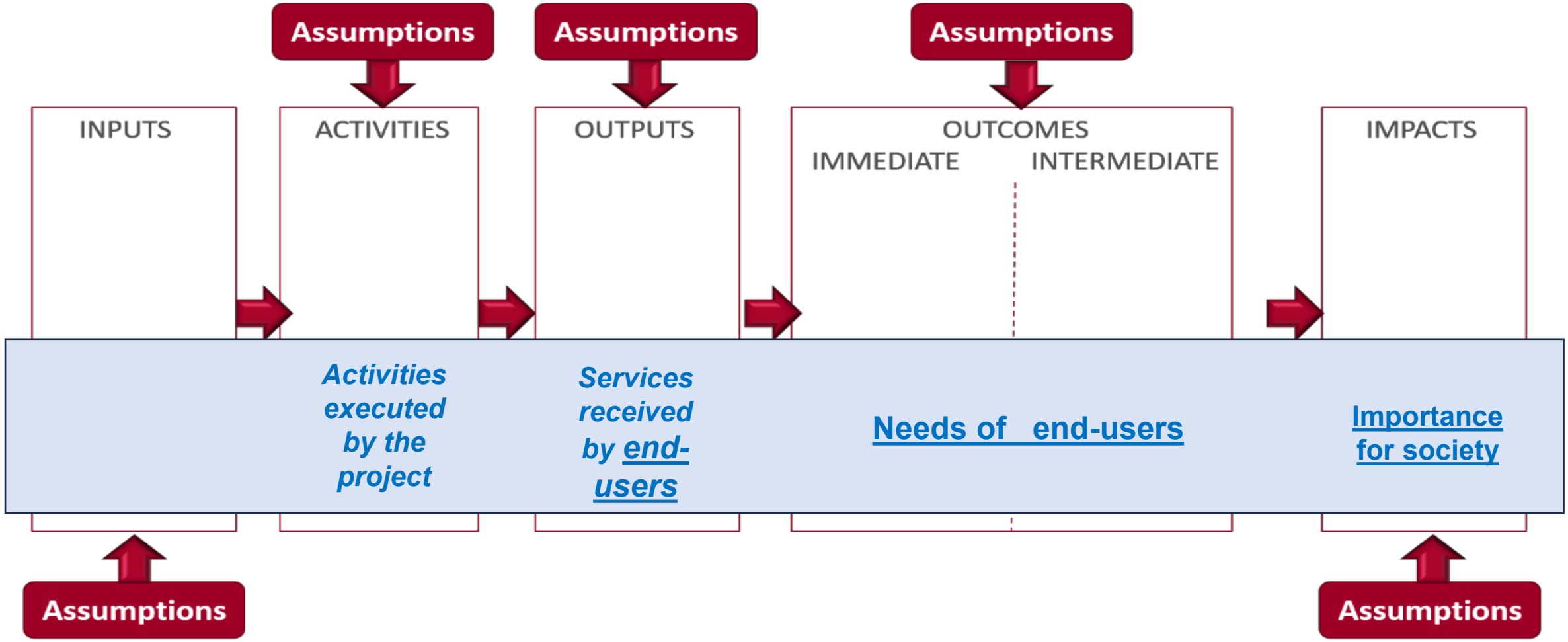
Essential Competency for the Results Measurement

Master your Black Box before committing results



Essential Competency for the Results Measurement

Check where are your assumptions



KM Impact

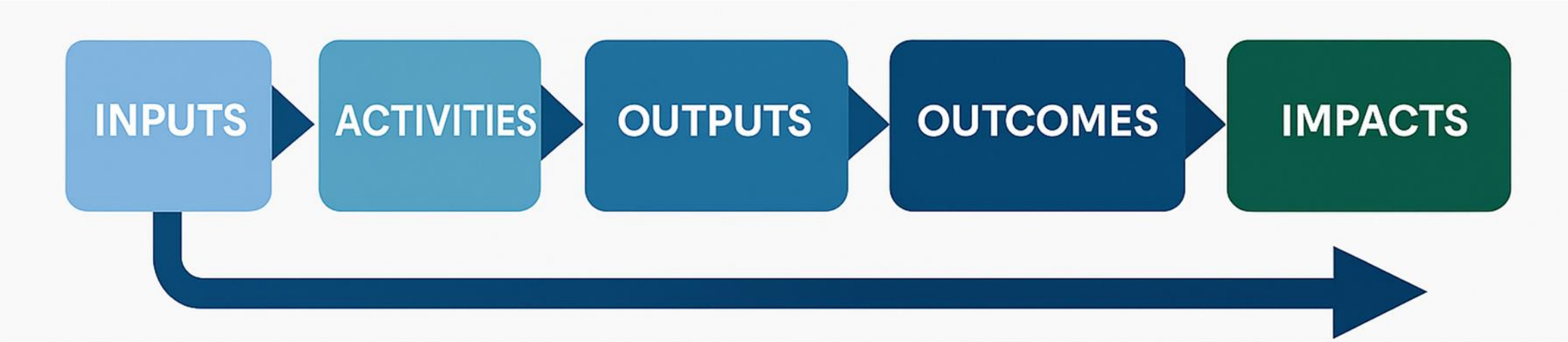
Impact refers to the **long-term, systemic benefits** that result from effective knowledge creation, sharing, and utilisation.

It manifests as **improved productivity**, **stronger institutions**, **innovation uptake**, and **societal well-being**.

TAKE AWAY

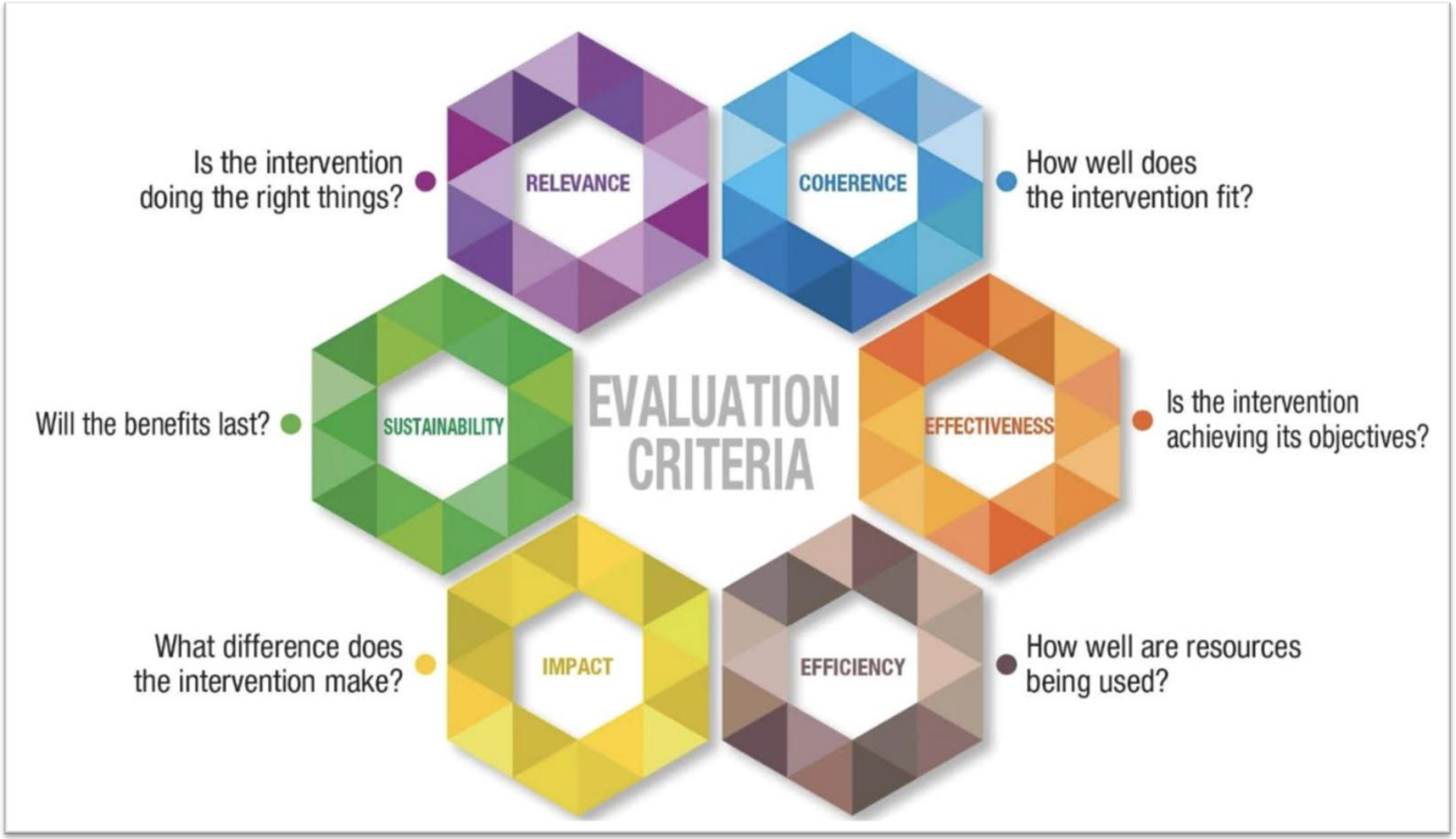
3. M&E Value Chain

FARA
Forum for Agricultural Research in Africa



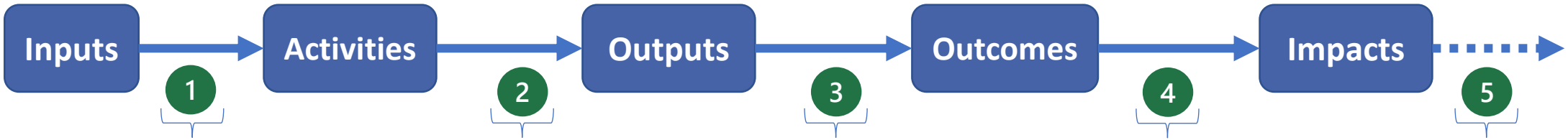
M&E VALUE CHAIN

Other Frameworks: Specific to "Evaluation"



Source: OECD, 2021

The Evaluation Approach

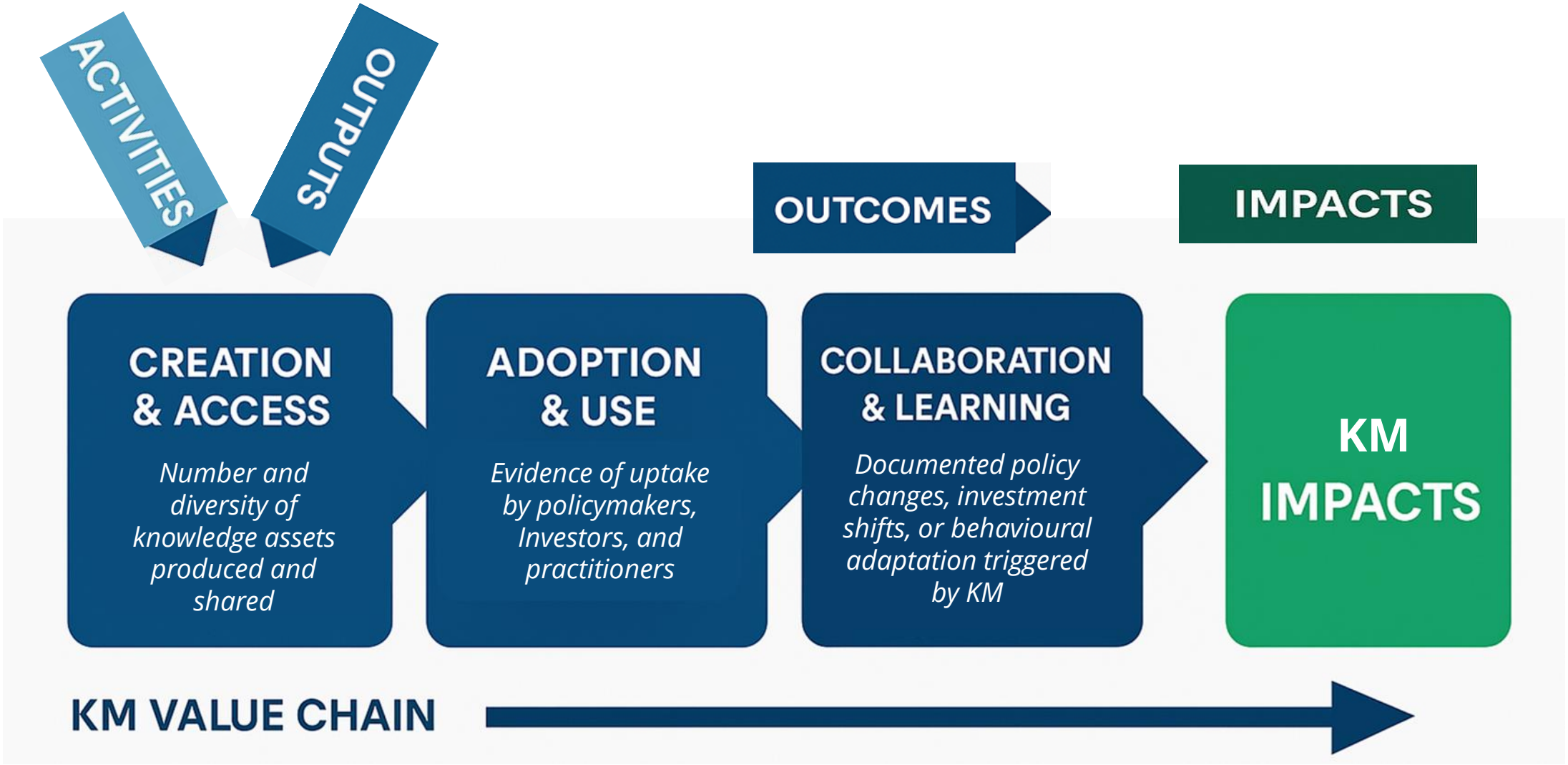


Efficiency	Effectiveness	Relevance*	Impacts	Sustainability
WE look at the use of resources by Project to implement the activities, as planned: - *Cost effective?* - *Timely?* - *Exceed or underuse of resources, why?* - *Etc …*	WE look at whether the activities implemented have generated the planned outputs: - *Project performances (Targets/milestones again achievement)?* - *Quality of the products delivered* - *Etc…*	WE look at whether the outputs delivered by Project are being used to generate the outcomes: - *Use of the outputs of Project interventions:* - *Are the technologies appropriate to farmers? If not used… Why? by lack of capacity or knowledge? Level of satisfaction* - *Etc…*	WE look at whether the outcomes generated can potentially contribute to the expected impacts: - *What are the indications that the outcomes are allowing or will allow to reach the expected impacts?* - *How much or how potential are the recorded outcomes to reach the expected impacts?* - *Etc …*	WE look at whether the anticipated impacts are or will be sustainable: - *Whether the impacts will need external accompaniments to be maintained?* - *As e.g., does will farmers continue to use Project technologies after Project accompaniment is completed?* - *Etc…*

Project's Interventions | **Effects of Project's Interventions**

2. KM Value Chain

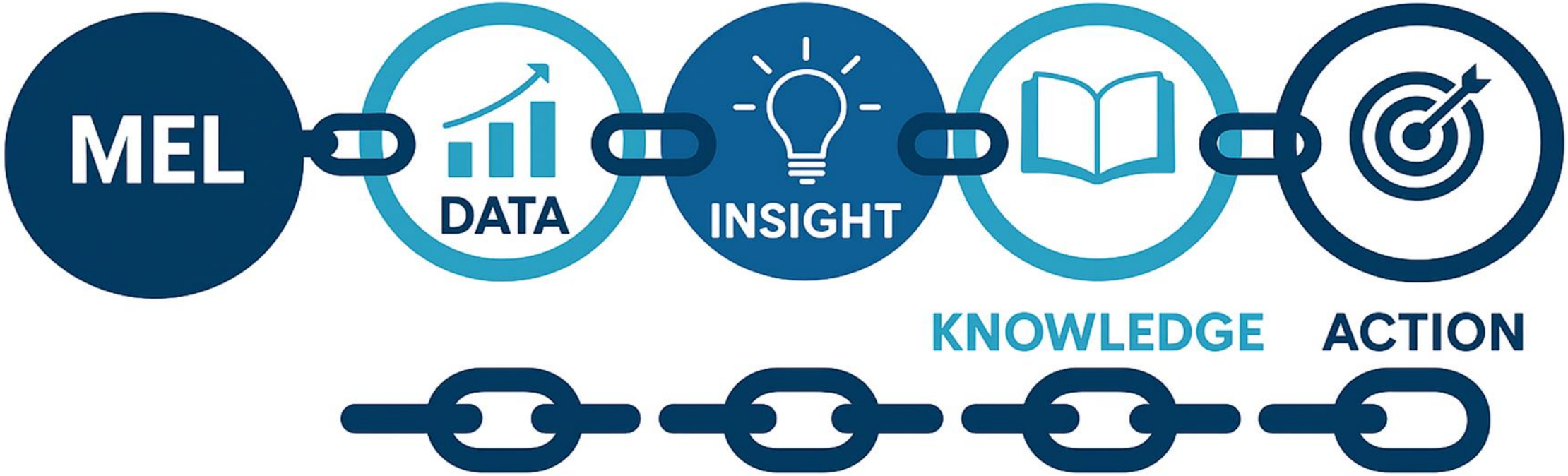
FARA
Forum for Agricultural Research in Africa



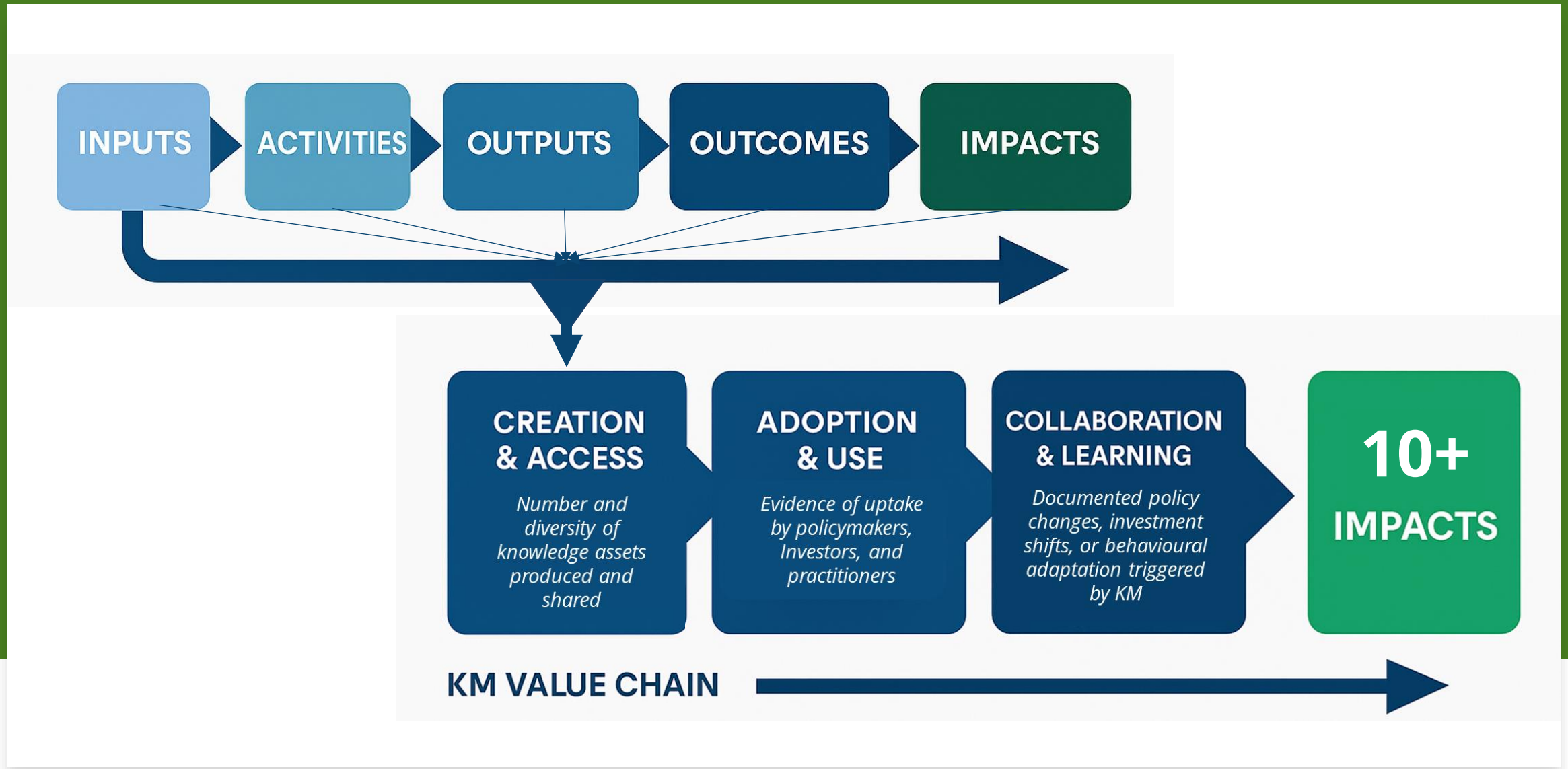
Locate Your Results Level ...

4. Integrated MEL and KM Value Chain

FARA
Forum for Agricultural Research in Africa



Every stage of, or the entire MEL Process, can serve as a starting point for a KM process…



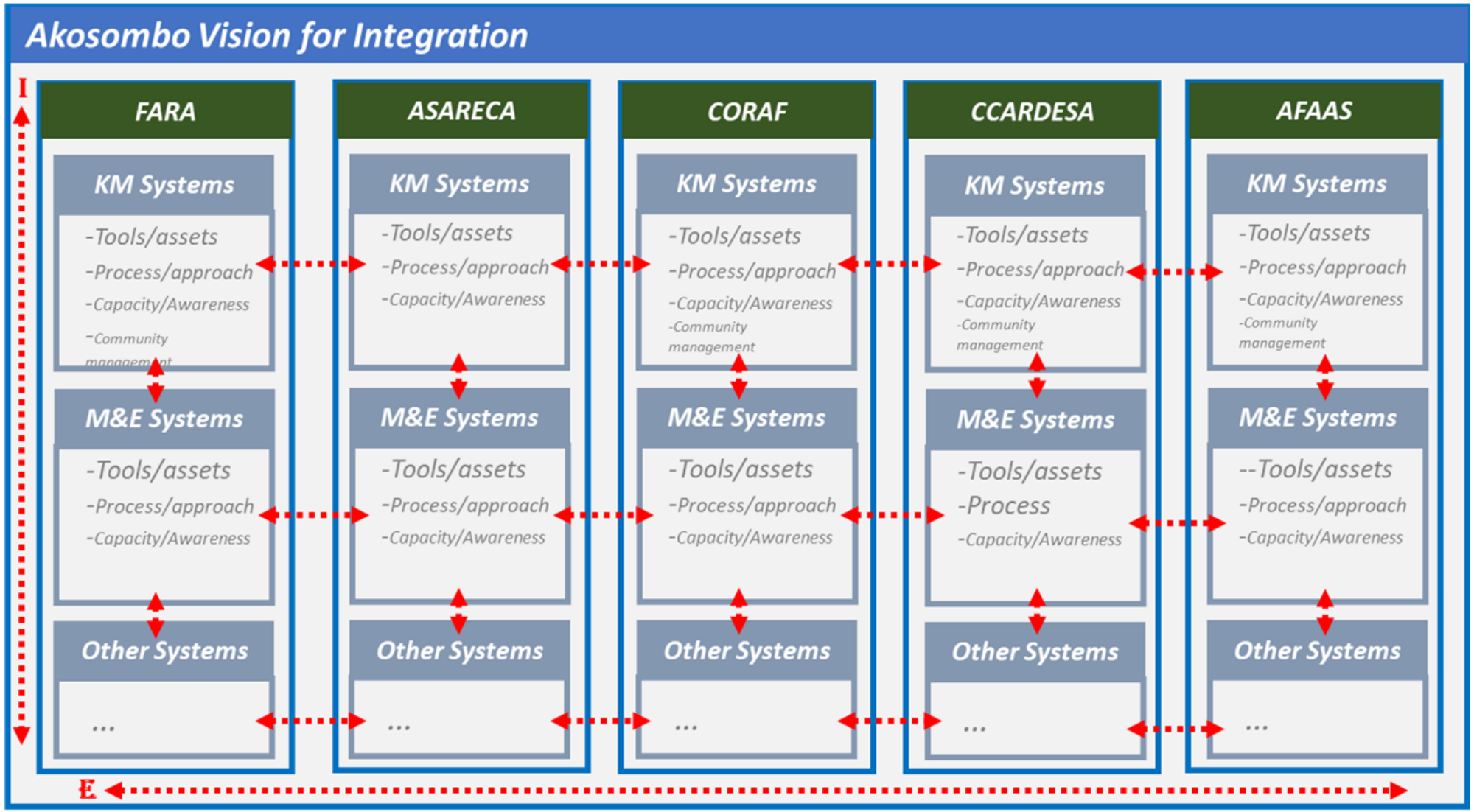
The Integrated MEL and KM Value Chain… an implication on Results Planning and Reporting

5. Application with CAADP-XP4 Consortium integrated KM-MEL Tools

FARA
Forum for Agricultural Research in Africa

CAADP-XP4 for a strengthened Partnership

Strong Institutional Commitment for MEL and KM Systems Integration



Strong Institutional Commitment for MEL and KM Systems Integration

Dashboard
Planning
Budget
M&E
Reporting
Analytics
User
Partner
Super Admin

M&E > Achievements

AARP
Africa Agriculture Research Programme

Africa-AFREXIM
Africa-AFREXIM

AgMOOC
AgMOOC

AIRTEA
Strengthening Agricultural Knowledge & Innovation Ecosystem for Inclusive Rural Transformation & Livelihoods in Eastern Africa

ARIFA
Tertiary Education Trust Fund (TETFUND) for Agriculture Research and Innovation Fellowship for Africa (ARIFA)

ASBPP
African Seed and Biotechnology Partnership Platform

CAADP-BR
Biennial Review of the Comprehensive Africa Agriculture Development Programme

CAADPXP4
EU-funded CAADP Ex-Pillar 4 Africa Regional and Sub- regional Organizations for Agricultural Research and Innovation Project

CAAPs
Programme for Common African Agro-Parks

CAFEYA
Convenings for Climate Action and Food Systems Empowerment

CBIFST
Consensus Building and Institutionalization of Food Systems Thinking into the Smallholder Farming System in Africa

CEA-FIRST
Consortium Europe-Africa for Research and Innovation on Food Systems Transformation

COL-Sorghum
Commonwealth of Learning Sorghum Project

DakarProject
Strengthening MEL Capacity of CORAF Countries

EXAMPLE-PROJECT
Example project

1

Output 2.1: At least 2 million ARI actors reached through FARA online platforms

2

Output 2.2: At least 5,000 experts (African & non-African) availed in a database that is accessible by AR4D users.

3

Output 2.3: At least 200 knowledge products and technologies produced and disseminated to the last mile via FARADataInformS by FARA, SROs, AFAAS and National Partners.

4

Output 2.4: At least 200 information and communications products developed individually/jointly and disseminated (including Newsletters, banners, flyers, videos, Press Releases, etc) to facilitate information exchange and delivery

Observatory for Africa Agriculture

FARA
Forum for Agricultural Research in Africa

DataInformS
Observatory for Africa Agriculture

wwww.faradatainforms.faraafrica.org

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 817663.

Dashboard
Planning
Budget
M&E
Reporting
Activity Progress
Used Budget
Staff Time
M&E Achievements
Analytics
User
Partner
Super Admin

Outcome | Output

Output 1.1 | Output 1.2 | Output 1.3 | Output 1.4 | Output 1.5 | **Output 2.1** | Output 2.2 | Output 2.3 | Output 2.4 | Output 3.1 | Output 3.2
Output 3.3 | Output 3.4 | Output 4.1 | Output 4.2 | Output 4.3 | Output 4.4 | Output 4.5

At least 2 million ARI actors reached through FARA online platforms (Websites, blogs, Dgroups, webinars, Social Media, etc).

Output indicator: 2.1.1 | 2.1.2

Number of value chain actors reached through FARA platforms (websites, Dgroups, databases and social media platforms)

Milestones -->	2018 *(baseline)*	2019	2020	2021	2022	2023	**2024**	2025	2026	2027	2028
	0	200000	1000000	1500000	1800000	2000000	**2200000**	2700000	3000000	3200000	35000

Reporting period: **2024**

Achievement: 540962

Cumulative achievement: 2640613

Progress: **100%**

View lists

Impact | Outcome | Output | Results Plan

Output 1 | Output 2 | Output 3 | Output 4 | Output 5

Knowledge Management for advocacy and decision support and Communication.

Output 4 Indicator: 4.1 | 4.2 | 4.3 | 4.4 | 4.5

Number of knowledge products (studies, technical papers, analyses and briefs) generated and disseminated through program interventions.

Milestone -->	*Baseline*	*Year 1, 2020*	*Year 2, 2021*	*Year 3, 2022*	*Year 4, 2023*	***Year 5, 2024***
	0	5	13	20	26	**32**

Year 5, 2024 | Select file | Achievement: 14 | Cummulative Achievement: 92 | Progress: 100%

Total number of study reports, technical papers, fliers, analyses, policy briefs, manuals, training modules, compendiums, success stories, meetings and conference updates, etc, generated and disseminated: 15

Total number of Gender Oriented study reports, technical papers, fliers, analyses, policy briefs, manuals, training modules, compendiums, success stories, meetings and conference updates, etc, generated and disseminated: 2

THANKS

Measuring KM Impacts is about making knowledge count!