

RBM SYSTEM OF CCCP

www.pksf-cccp-bd.org

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Background of CCCP

- The Government of Bangladesh (GoB) established Bangladesh Climate Change Resilience Fund (BCCRF) in 2010
- Development partners (UK, EU, Sweden, USA, Australia, Switzerland and Denmark) contributed in the sources of this fund (which is now US\$190 million)
- 90% of this fund will be utilized by different Ministries and Departments of GoB, and
- 10% of BCCRF will be utilized by the NGOs through CCCP implemented by PKSF in the Climate Change Adaptation activities
- Duration of the project is up to December, 2016
- Total budget is US\$ 12.5 million

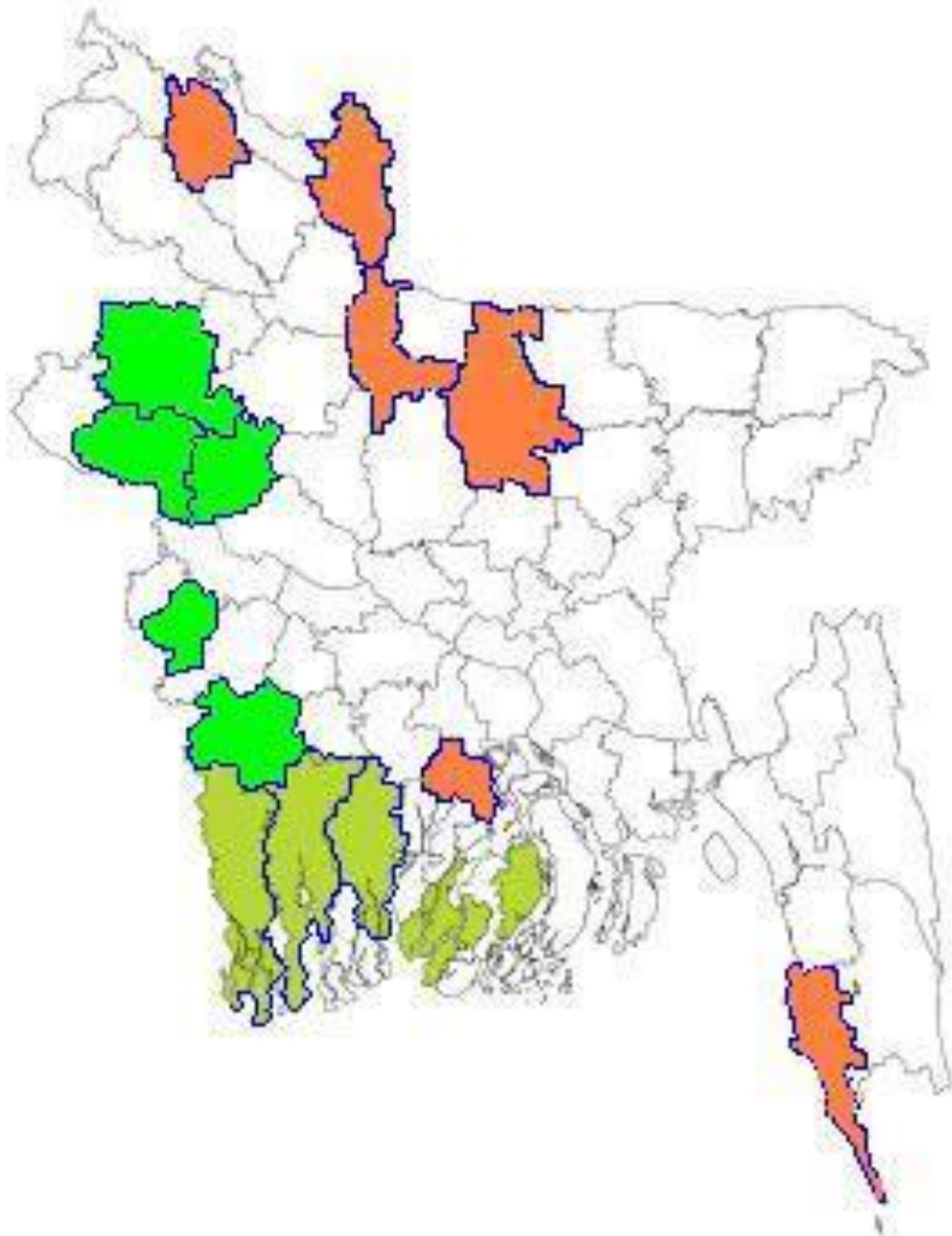
Objective of CCCP

To enhance the capacity of selected communities to increase their resilience to the adverse impacts of climate change

Targeted Area

(16 districts and 49 upazilas)

Risk Zone	District	Upazila
Drought	Chuadanga	Damurhuda
	<i>Jessore</i>	Jhikargacha; Chougacha, Monirampur, Sharsha & Katwali Upazila
	Naogaon	Porsha, Naogaon Sadar, Niamatpur & Patnitala Upazila;
	Rajshai	Godagari & Tanore
	<i>Satkhira</i>	Assasuni & Debhata
	Natore	Lalpur & Natore Sadar
Salinity	<i>Satkhira</i>	Assasuni ,Shyamnagar, Kaliganj
	<i>Khulna</i>	Batiaghata, Dighalia & Rupsha ; Dacope
	<i>Jessore</i>	Jhikargacha; & Katwali
	<i>Bagerhat</i>	Fakirhat Sarankhola, Morrelganj
	Patuakhali	Kalapara, Golachipa & Dashmina Upazila
	Barguna	Amtali & Barguna Sadar
Flood	Barisal	Babugonj
	Cox,s Bazar	Moheskhali
	Jamalpur	Bakshiganj, Dewanganj, Islampur, Madarganj & Melandha
	Mymensingh	Gauripur, Haluaghat, Iswarganj, Nandail & Phulpur
	<i>Bagerhat</i>	Fakirhat
	<i>Jessore</i>	Jhikargacha; & Katwali
	<i>Khulna</i>	Batiaghata, Dighalia & Rupsha
	Kurigram	Char Rajibpur, Chilmari, Raumari, & Ulipur Upazila
	Niphamari	Jaldhaka, Kishoreganj & Nilphamari Sadar Upazila



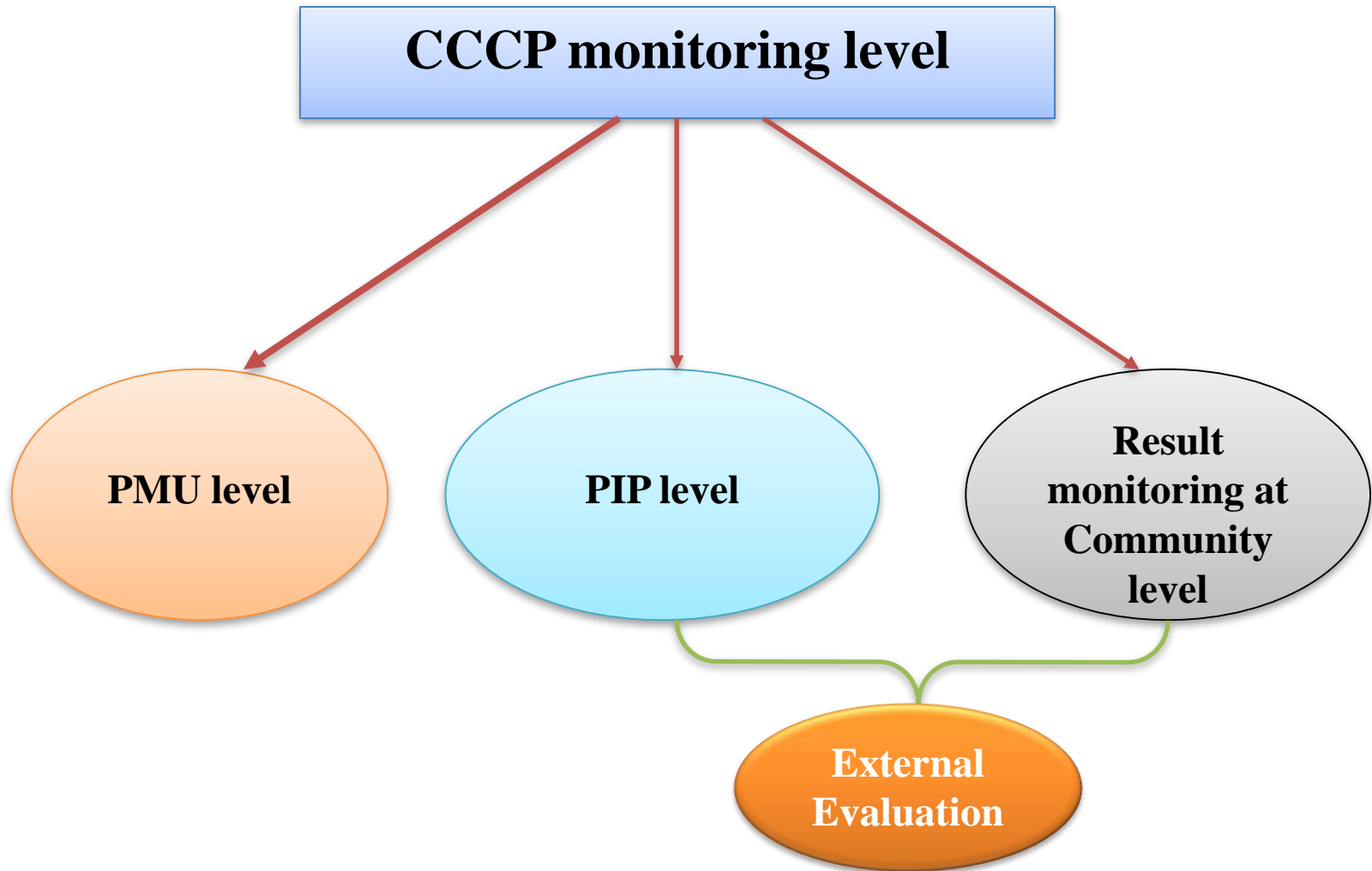
Selected Vulnerable Areas

● Salinity

● Flood

● Drought

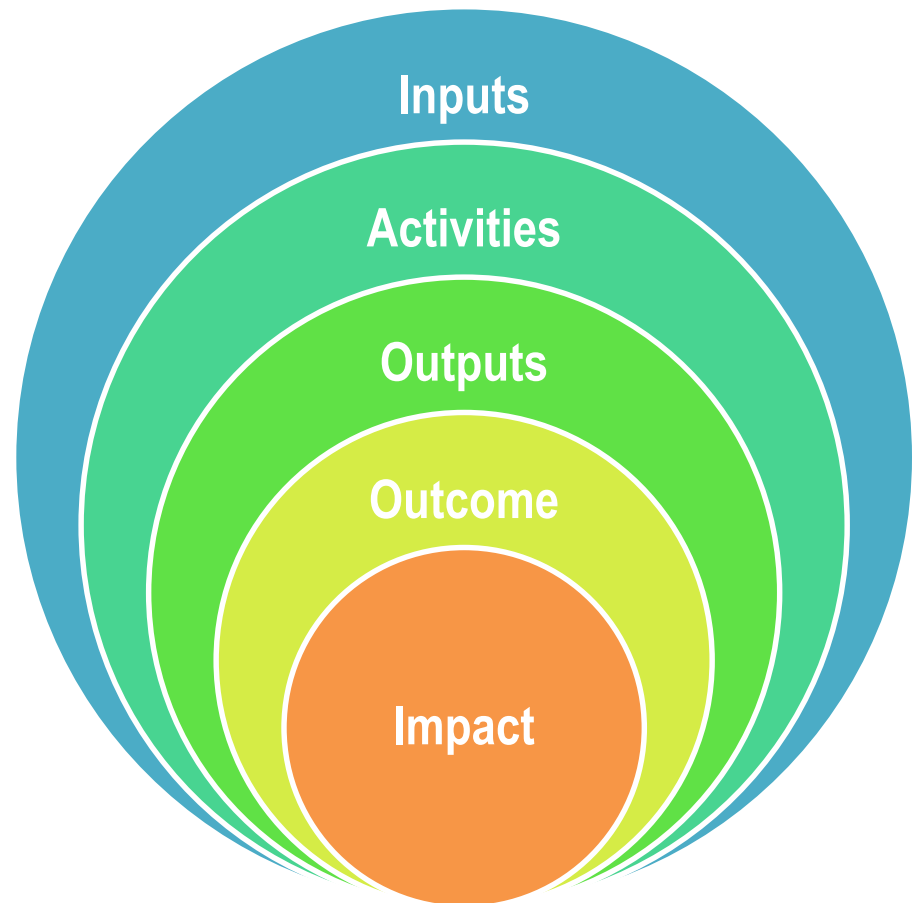
Monitoring Framework under CCCP



Results-Based Monitoring (RBM)

Monitoring is understood as a management instrument to steer a project towards achievement of desired objective(s).

Monitoring of results (Outputs, Outcomes and Impacts) is basically RBM



Results-Based Monitoring (RBM) cont.

An organization which conducts Monitoring of Impacts, Outcomes and Outputs is basically performing ***RESULTS-BASED MONITORING.***

Monitoring of Outputs and activities

- Organizations define *Outputs* as lower level expected Results to achieve *Outcomes* (placed logically at a higher level).
- The monitoring of Outputs and Activities is designed to answer the basic question whether the programme was implemented in a **RIGHT manner**.
- This type of monitoring helps the management to review the activities quite early and change them if necessary.

Importance of RB M&E

Improving project/program management

- Improving planning and budgeting
- Focusing implementation and reporting

Providing lessons-learned/Assuring stakeholders

- Building “knowledge” & “learning” culture
- Marketing success to secure political & public support

Ensuring accountability

- Demonstrating results against money spent
- Providing evidence that the program is producing desired
- benefits

Results?

Results are sustainable improvements in development outcomes

Outcomes are effects that the program's outputs will have on the beneficiaries/institutions in terms of changed behavior or improved performance. It defines the program's effectiveness

Results cont.

Results are not the

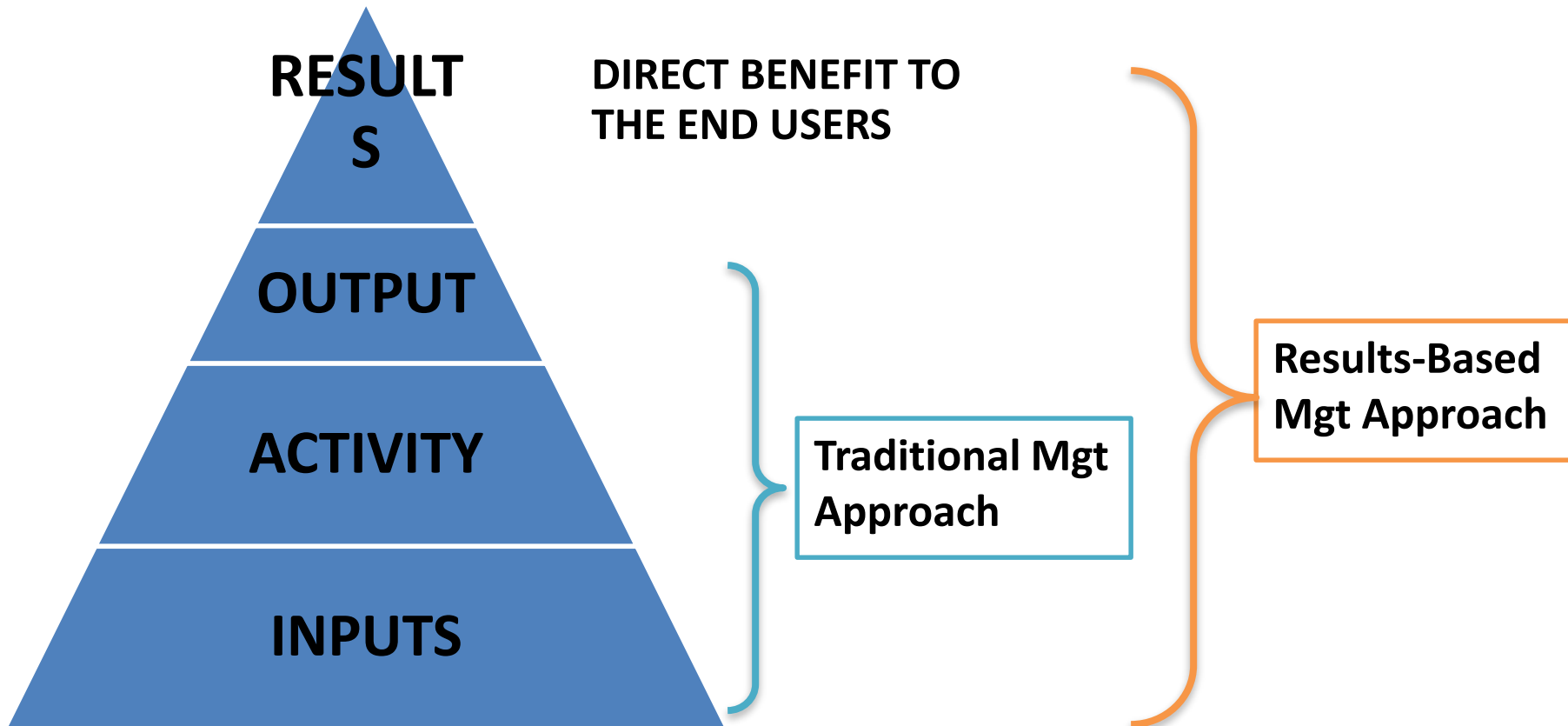
- number of schools we build or
- kilometers of rural roads we construct



Results are the outcomes of the products of our activities:

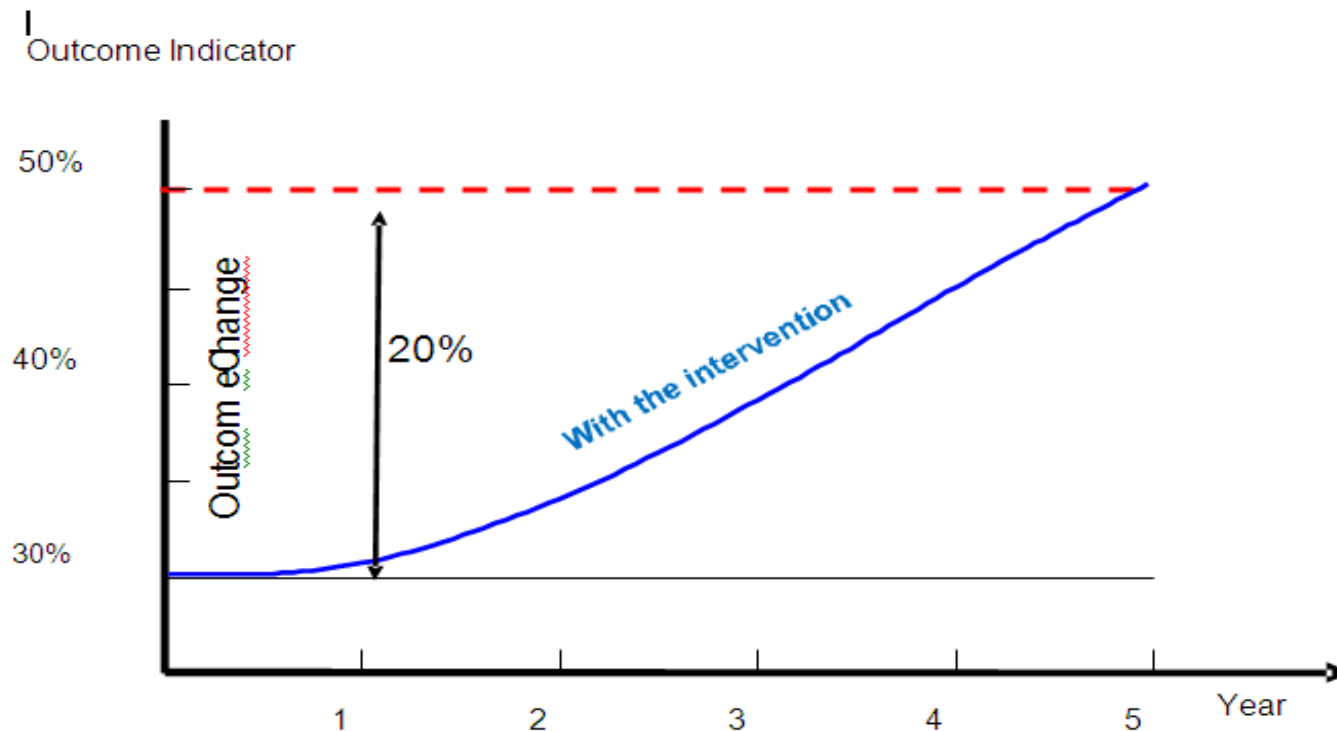
- children learning improved and
- transport time and costs reduced.

Results-Based Management Approach



Monitoring

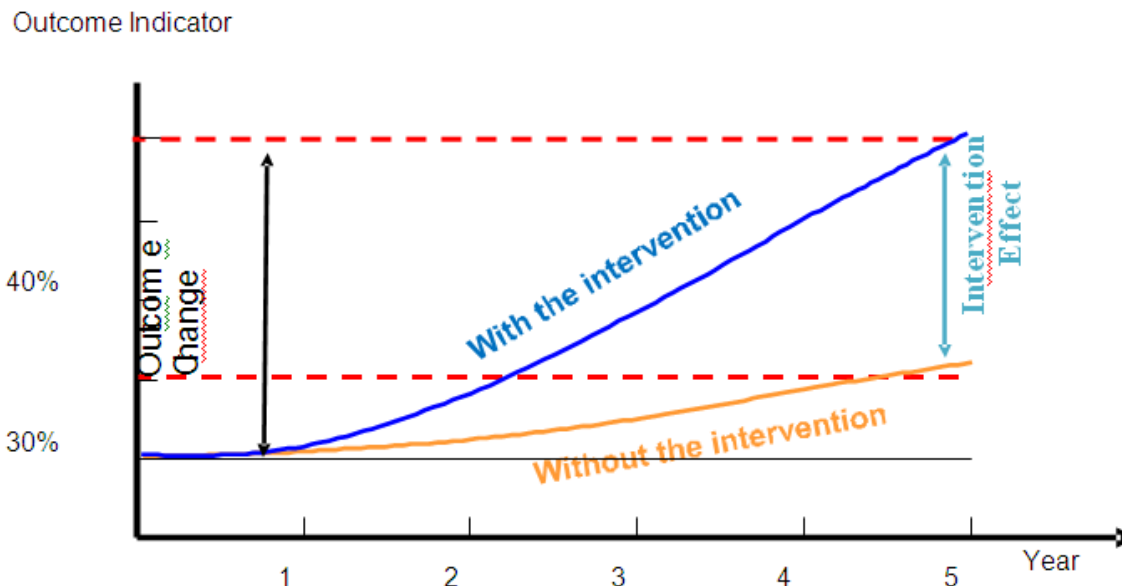
Regular collection and reporting of information to track whether actual results are being achieved as planned (Internal Management activity)



Evaluation

Periodic Assessment

- To answer specific questions about a program or project performance (Efficiency and Effectiveness)
- To determine the causal relationship between an intervention and its outcomes (attribution/evidence)



Critical factors for defining Results

Socio-economic context: Results statement should reflect local needs and priorities

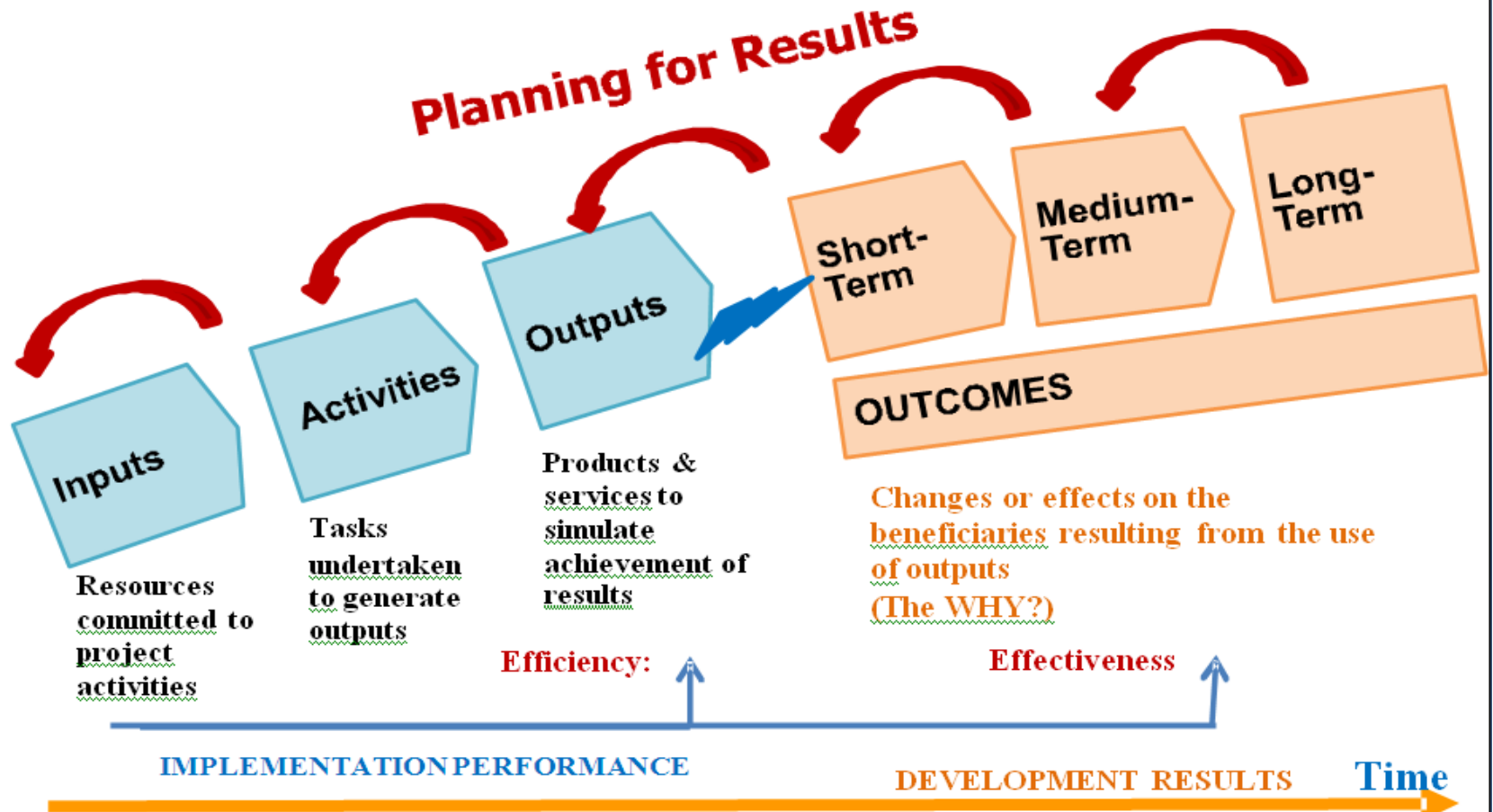
Local Capacity: Existing skills, leadership, and management capacity will impact on what can be implemented to achieve expected results

Resources: Level of resources will impact on what can realistically be achieved

Timetable: Results framework must identify the results (changes) to be achieved in the life of the project

Results Chain

- The **causal link** or **theory of change** for an intervention: how inputs, activities, and outputs link to different levels of outcomes.



Example: Results chain- Health

Problem: Poor water supply, sanitation and hygiene practices adversely affect health of rural climate affected households and often limit their productivity

Inputs	Activities	Outputs	OUTCOMES		
			Short-Term	Medium-Term	Long-Term
Staff Equipment Budget	Rehabilitate & expand W&S facilities	Kms of water network developed	Improved household connection to W&S	Increased use of W&S services	Decreased incidents of poor health caused by water-related diseases
	Raise awareness to promote sanitation and hygiene practices	Number people reached with hygiene awareness campaigns	Increased awareness of hygiene practices	Increased use of hygiene practices	

CCCP M&E

Conventional Monitoring

- Field observation
- On and off-site monitoring (Monthly Report)

Annual/Occasional Study

- Third party evaluation

CCCP-M&E

- Output level (Online)
- Outcome level (Data Collection)
- Impact level

Steps in RBM

Develop Results Frame

- Brain storming with the stakeholder (PKSF, PIP, WB)
- Field Test

ATOM

- Develop Online monitoring -data input by the PIP
- Produce Online ATOM reports by the PMU

Develop Baselin Questionnaire

- Baseline Questionnaires for 3 Risk Zones (Drought, Saline and Flood)
- Training on BQ for data collection

Data Analysis

- Data collection, verification, processing and analysis by CCCP-M&E with help from trained staff
- SPSS

Report Writing

- Produce report

Results Frame for CCCP

Results Frame Community Climate Change Project

Narrative Summary	Results-Chain	Objectively Verifiable Indicators	Specification of OVI (Needs to achieve in terms of)
<p>Goal: To enhance the capacity of selected communities to increase their resilience to the impacts of climate change</p>	<p>Impact: Communities have increased their resilience towards the adverse effects of climate change</p>	<p>1. Community mechanisms established and functioning in selected communities to respond effectively to specific climate risk</p> <p>2. Communities to have applied sustainable adaptation practices to address specific climate change risk</p> <p>3. Sub-grants implemented in the selected communities are assessed to have achieved the targeted objectives</p>	<p>1 and 2 no indicator will be achieved by achieving the Improved status in Climate Resilience Index (CRI)</p> <p>1. FRI (Flood resilient index)</p> <p>1.a Secured housing/Shelter established in the community during flood</p> <p>1.b Food security increased among the community people</p> <p>1.c Incidence of water born disease reduced among the community people</p> <p>1. SRI (Salinity resilient index)</p> <p>2.a Saline resilient housing established</p> <p>2.b Food security increased</p> <p>2.c Incidence of water born disease reduced</p> <p>2. DRI (Drought resilient index)</p> <p>3.a Increased cropping intensity</p> <p>3.b Food security increased</p> <p>3.c Incidence of drought related diseases (skin diseases, respiratory) reduced]</p> <p>2.1 Regular monitoring is functioning</p> <p>2.2 Impact level results are being assessed through RBM</p>
<p>Outcome/ Intermediate results</p>	<p>Outcome 1: Targeted <u>HHs</u> protected from adverse effect of flood/salinity/drought</p>	<p>1. 70% of targeted <u>HHs</u> have flood/saline resilient homestead</p> <p>2. # of road/community ground are flood/ normal tidal surge free</p> <p>3. % of Irrigated land increased</p> <p>4. % of targeted <u>HHs</u> have increased access to water for household use</p>	
	<p>Outcome 2: Increased access to safe drinking water and sanitation</p>	<p>1. 70% of <u>HHs</u> have access to safe drinking water</p> <p>2. 70% of <u>HHs</u> have access to sanitary latrines</p>	
	<p>Outcome 3: Diversification of household's livelihood widened</p>	<p>1. 70% of targeted <u>HHs</u> income increased</p> <p>2. 70% targeted <u>HHs</u> have diversified economic activities</p>	

Results Frame for CCCP cont.

Result Frame (Salinity)

Narrative Summary	Results-Chain	Objectively Verifiable Indicators
<p>Goal: To enhance the capacity of selected communities to increase their resilience to the impacts of climate change</p>	<p>Impact: Communities have increased their resilience towards the adverse effects of salinity</p>	<ul style="list-style-type: none"> ● Saline resilience index (SRI) <ol style="list-style-type: none"> 1. Saline resilient housing established -20% 2. Food security-50% 3. Incidence of water born disease reduced-30%
<p>Outcome/Inter mediate results</p>	<p>Outcome 1: Targeted <u>HHs</u> protected from adverse effect of salinity</p>	<ol style="list-style-type: none"> 1. 70% of targeted <u>HHs</u> have saline resilient homestead 2. # of road/community ground are normal tidal surge free
	<p>Outcome 2: Increased access to safe drinking water and sanitation</p>	<ol style="list-style-type: none"> 1. 70% of <u>HHs</u> have access to safe drinking water 2. 70% pf <u>HHs</u> have access to sanitary latrines
	<p>Outcome 3: Diversification of household's livelihood widened</p>	<ol style="list-style-type: none"> 1. 70% of targeted <u>HHs</u> income increased 2. 70% targeted <u>HHs</u> have diversified economic activities
	<p>Outcome 4: Community people know and aware about the local climatic effects</p>	<ol style="list-style-type: none"> 4.1 Capacity to response to the emergency / climate change hazard increased 4.2 70% of people know about the local climatic change and its adverse effects

Results Frame for CCCP cont.

Result Frame (Drought)

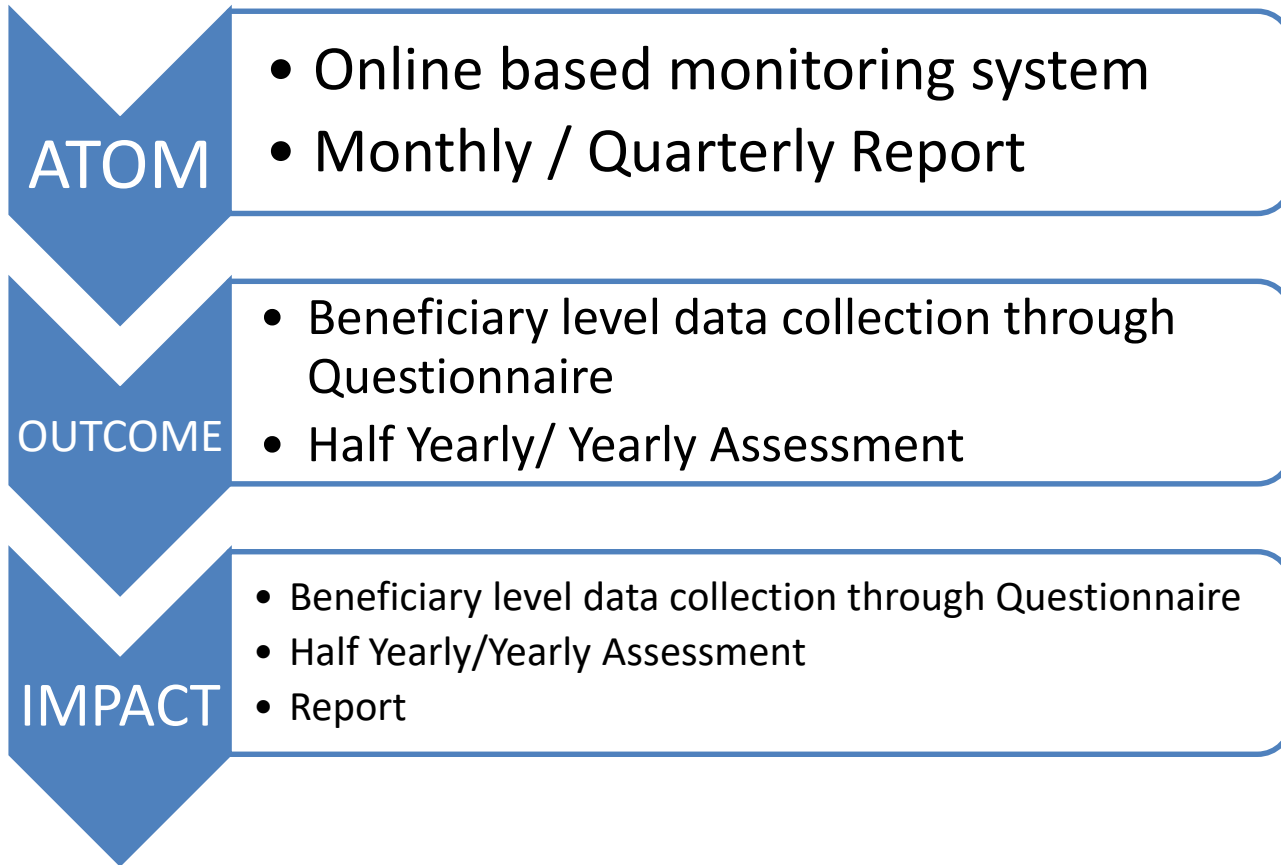
Narrative Summary	Results-Chain	Objectively Verifiable Indicators
<p>Goal: To enhance the capacity of selected communities to increase their resilience to the impacts of climate change</p>	<p>Impact: Communities have increased their resilience towards the adverse effects of drought</p>	<ul style="list-style-type: none"> ● Drought resilience index (DRI) <ol style="list-style-type: none"> 1. Increased cropping intensity-50% 2. Food security-40% 3. Incidence of drought related diseases (skin diseases, respiratory) reduced-10%
<p>Outcome/ Inter mediate results</p>	<p>Outcome 1: Increased use of water for irrigation and household purpose</p>	<ol style="list-style-type: none"> 1. % of irrigated land increased 2. % of targeted HHs have increased access to water for household use
	<p>Outcome 2: Increased access to safe drinking water and sanitation</p>	<ol style="list-style-type: none"> 1. 70% of HHs have access to safe drinking water 2. 70% of HHs have access to sanitary latrines
	<p>Outcome 3: Diversification of household's livelihood widened</p>	<ol style="list-style-type: none"> 1. 70% of targeted HHs income increased 2. 70% targeted HHs have diversified economic activities
	<p>Outcome 4: Community people know and aware about the local climatic effects</p>	<ol style="list-style-type: none"> 1. Capacity to response to the emergency / climate change hazard increased

Results Frame for CCCP cont.

Results frame for Flood

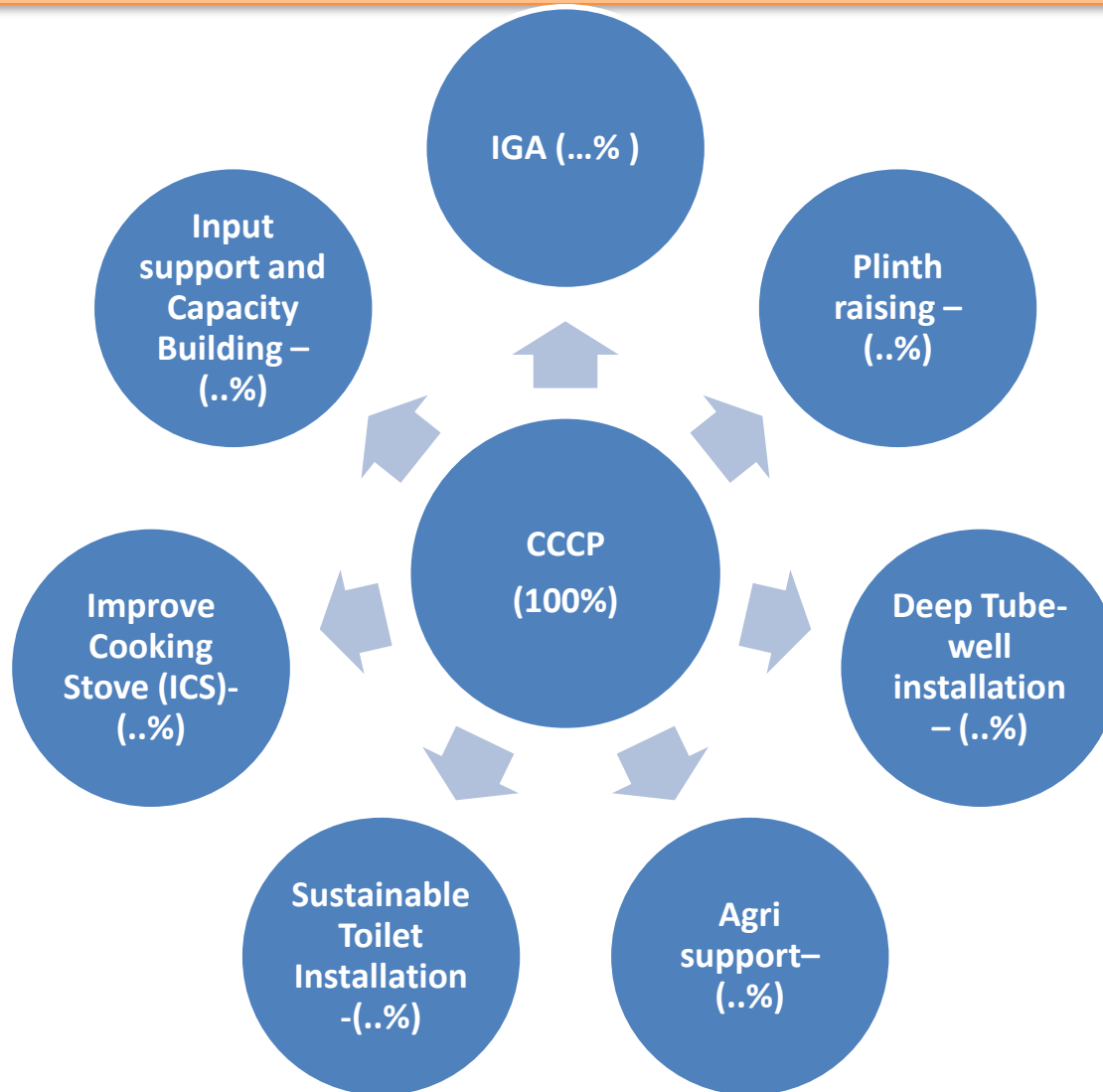
Narrative Summary	Results-Chain	Objectively Verifiable Indicators
<p>Goal: To enhance the capacity of selected communities to increase their resilience to the impacts of climate change</p>	<p>Impact: Communities have increased their resilience towards the adverse effects of flood</p>	<ul style="list-style-type: none"> ● Flood resilience index (FRI) <ol style="list-style-type: none"> 1. Secured housing/Shelter established during flood among 70% target HH 2. Food security increased among 70 % target population 3. Incidence of water born disease reduced among % HH
<p>Outcome/ Inter mediate results</p>	<p>Outcome 1: Targeted <u>HHs</u> protected from adverse effect of flood</p>	<ol style="list-style-type: none"> 1. 70% of targeted <u>HHs</u> have flood resilient homestead 2. 60 % of road/community ground are flood free
	<p>Outcome 2: Increased access to safe drinking water and sanitation</p>	<ol style="list-style-type: none"> 1. 70% of <u>HHs</u> have access to safe drinking water during flood 2. 70% of <u>HHs</u> have access to sanitary latrines during flood
	<p>Outcome 3: Diversification of household's livelihood widened</p>	<ol style="list-style-type: none"> 1. 70% of targeted <u>HHs</u> income increased 2. 70% targeted <u>HHs</u> have diversified economic activities
	<p>Outcome 4: Community people know and aware about the local climatic effects</p>	<ol style="list-style-type: none"> 1. Capacity to response to the emergency / climate change hazard increased 2. 70% of people know about the local climatic change and its adverse effects

CCCP- RBM Management



Activity to output monitoring (ATOM)

Weight assigned to different interventions

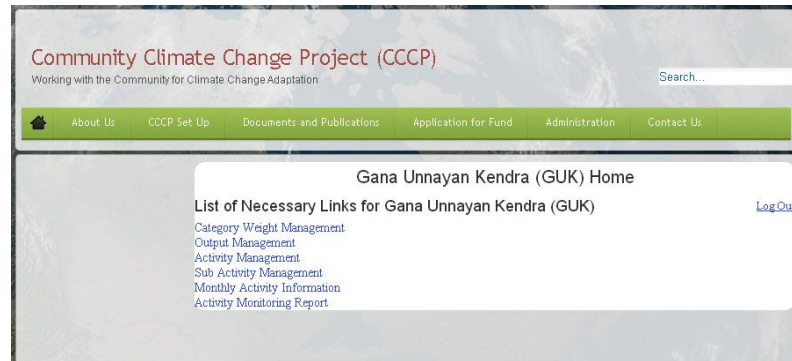


The components of the PIP user panel of the online RBM of CCCP



Entry Input box for the PIP – (The PIP will entry password and user name here for logging into the Online ATOM systems of CCCP)

Entry Input box for the PIP – (The first look of the systems after logging in)



Monthly data entry form for the PIP - (The data entry panel of the ATOM systems after entering the project master data)

Output	Activity	Total target	Total budget	Per Unit Cost	Monthly Target	Monthly Achievement	Monthly Budget	Monthly Expenditure
Hundreds of targeted beneficiaries raised	birth of 600 above flood level, HI's raised	600	900000	1500				
School/Community ground raised	ground raised							
Hundreds of targeted beneficiaries raised	repaired / above flood level, community	4	80000	20000				
School/Community ground raised	ground raised							
Tube-wells installed with raised platform above flood level	Sanitary latrine installed							
Tube-wells installed with raised platform above flood level	platform of the tube-well constructed	70	560000	8000				
Tube-wells installed with raised platform above flood level	Sanitary latrine installed							
Tube-wells installed with raised platform above flood level	Sanitary latrine distributed	80	280000	3500				
Tube-wells installed with raised platform above flood level	Sanitary latrine distributed	250	375000	1500				

The components of the PMU user panel of the online RBM of CCCP

Activity	Task Activity	Total Budget	Target for the period	Actual for the period	Variance (Prog for the period)	Budget for the period	Expenditure for the period	Variance (for the period)	Progress %	Progress % (A)
Reserve (AS) and group activities	AS 2	1000	1000	1000	0	1000	1000	0	100%	100%
Resource Planning	AS 2	1000	1000	1000	0	1000	1000	0	100%	100%
*Progress % High (Underweight) Target=100 *Progress % Low (Overweight) Target=100										

Sub Activity to Activity level monitoring report

— (This report will represent the sub activity level work performance of the PIPS)

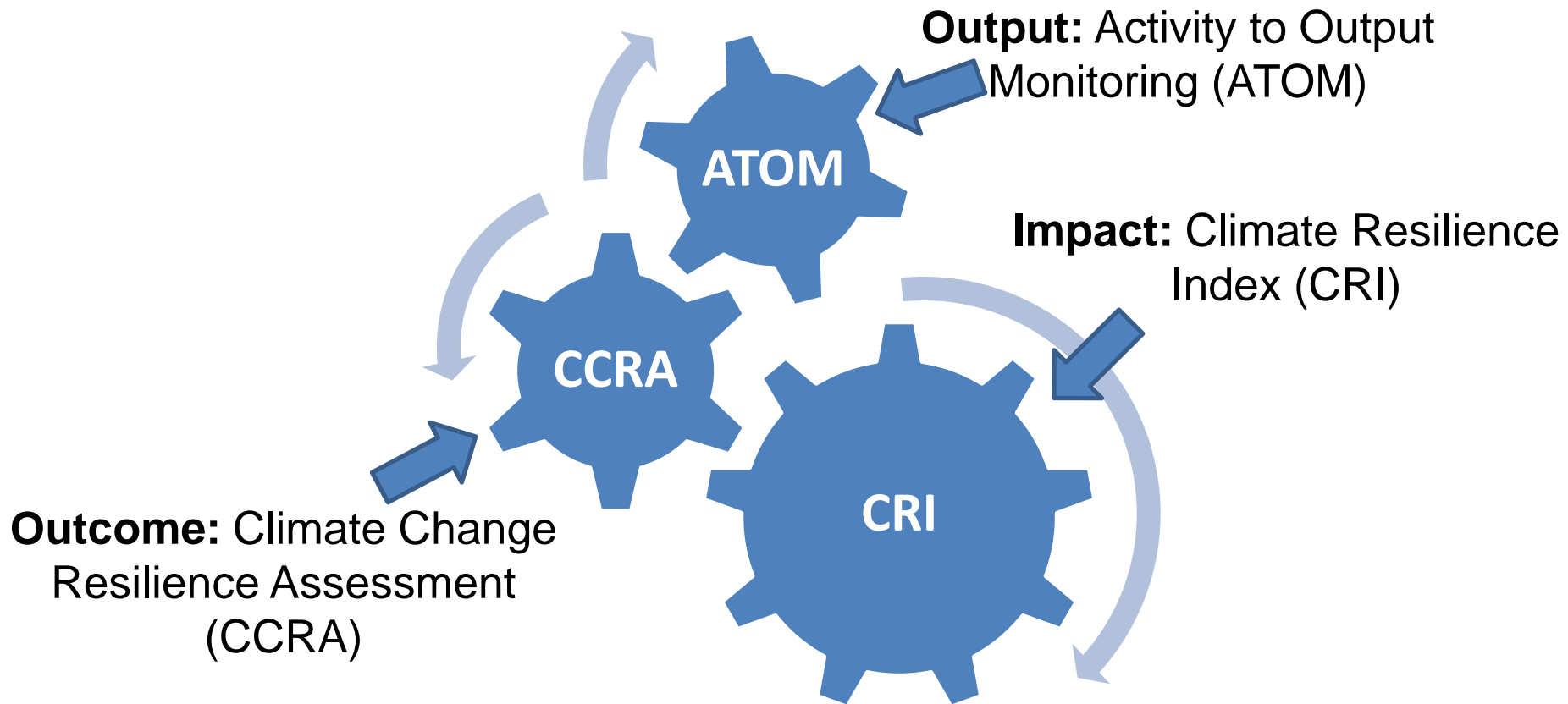
Output level performance report— (This report will represent the output level performance status of the PIPs)

Output	Total Budget	Target for the period	Actual for the period	Variance (Prog for the period)	Budget for the period	Expenditure for the period	Variance (for the period)	Progress %	Progress % (A)	
1.1 Installation of Integrated Database Center	500	2000000								
2.2 Supply items installed										
3.3 Technical aspects for data center testing										
4.4 Local level workshop on working organized										
5.5 Awareness raising sessions conducted in the field										
*Progress % High (Underweight) Target=100 *Progress % Low (Overweight) Target=100										

PIP overall weight based performance report— (This report will represent the performance Impact report based on the Importance of the activity)

PIP	Impact	Weight	Target	Actual	Variance	Progress %	Progress % (A)
1.1 Installation of Integrated Database Center	High	100	1000	1000	0	100%	100%
2.2 Supply items installed	Medium	50	500	500	0	100%	100%
3.3 Technical aspects for data center testing	Medium	50	500	500	0	100%	100%
4.4 Local level workshop on working organized	Medium	50	500	500	0	100%	100%
5.5 Awareness raising sessions conducted in the field	Medium	50	500	500	0	100%	100%

CCCP-RBM System



LOGFRAME & RESULTS FRAME

Narrative Summary	Verifiable Indicator	Means of Verification (OVI)	Important Assumptions
Goal			
Purpose			
Output			
Activity	Inputs		

Indicator	Core	Unit	Baseline	Target (Y)	Freq	Source /Method	Responsi for Data Collect
PDO Level							
Intermediate results (component wise)							

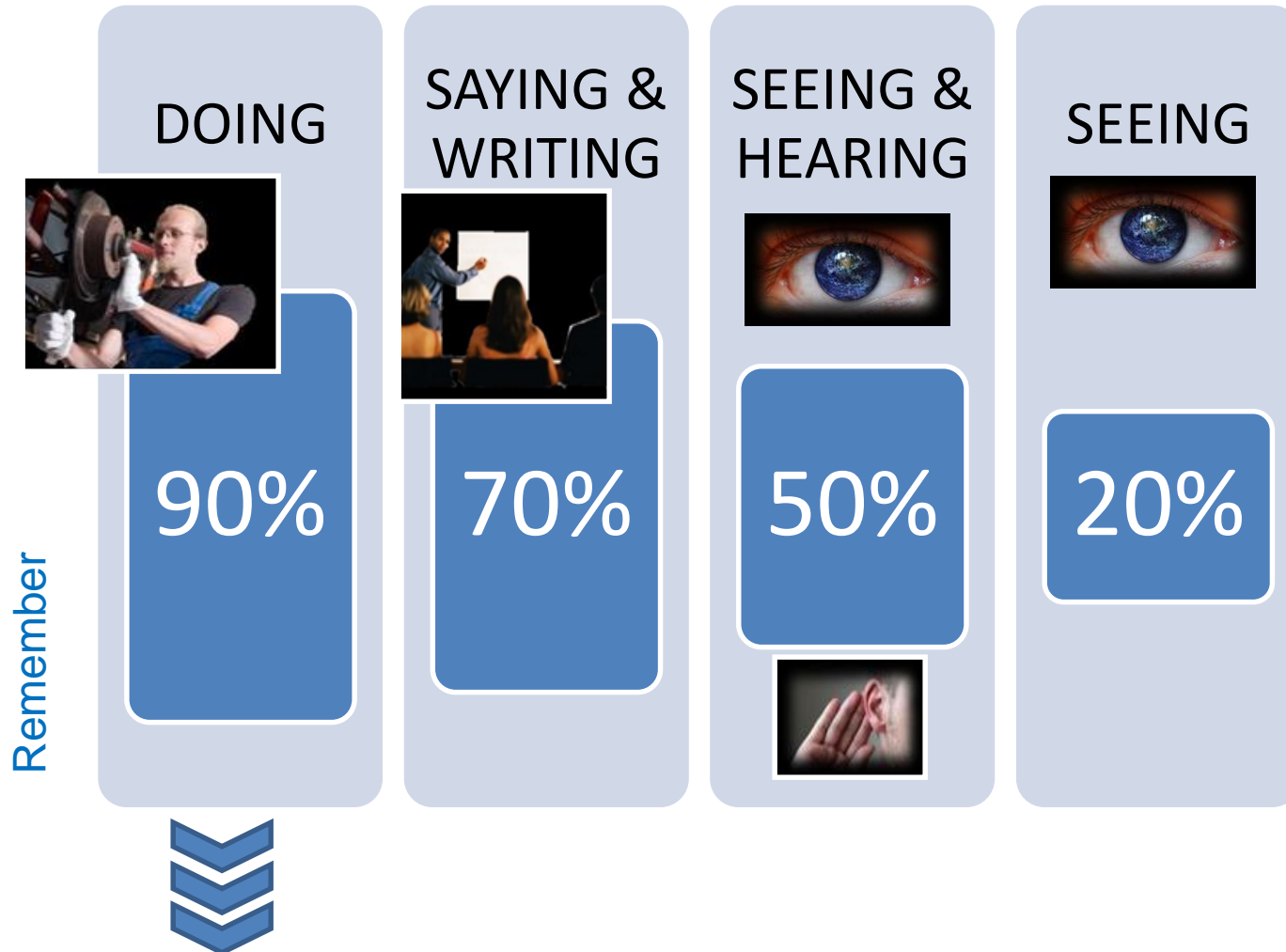
RESULTS FRAME

	Results	Indicators	Assumptions
Goal	Impacts		
Purpose	Outcome		
	Outputs		

Next Steps

- 1. Data collection by the PMU and PIP**
- 2. Data screening and verification by the PIP and PMU**
- 3. Data processing and analysis by the CCCP RBM – Unit**
- 4. Report**

Learning Approach



THANK

THANK

YOU

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