



# Aligned monitoring and reporting frameworks for climate and development: expectations v. reality

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**AICCRA**  
Accelerating the Impact of CGIAR  
Climate Research for Africa



RESEARCH PROGRAM ON  
**Climate Change,  
Agriculture and  
Food Security**



*Transparency in Agriculture: Can we align country adaptation reporting efforts under the Paris Agreement (PA) and Agenda 2030?*

*COP26 Side event | November 12, 2021*

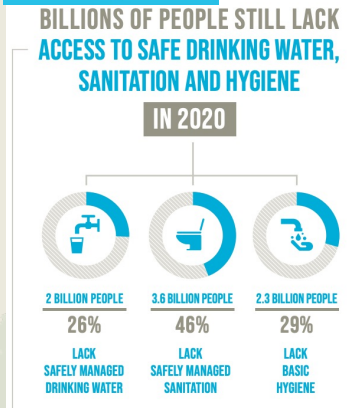
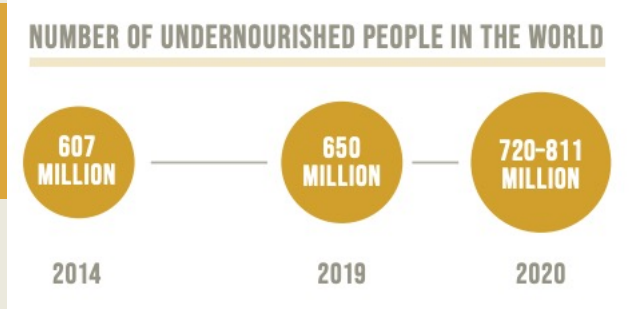
# Are we doing enough to address climate & development challenges?



**1 NO POVERTY**

THE GLOBAL POVERTY RATE IS PROJECTED TO BE **7% IN 2030**

MISSING THE TARGET OF ERADICATING POVERTY



**13 CLIMATE ACTION**

CLIMATE FINANCE INCREASED

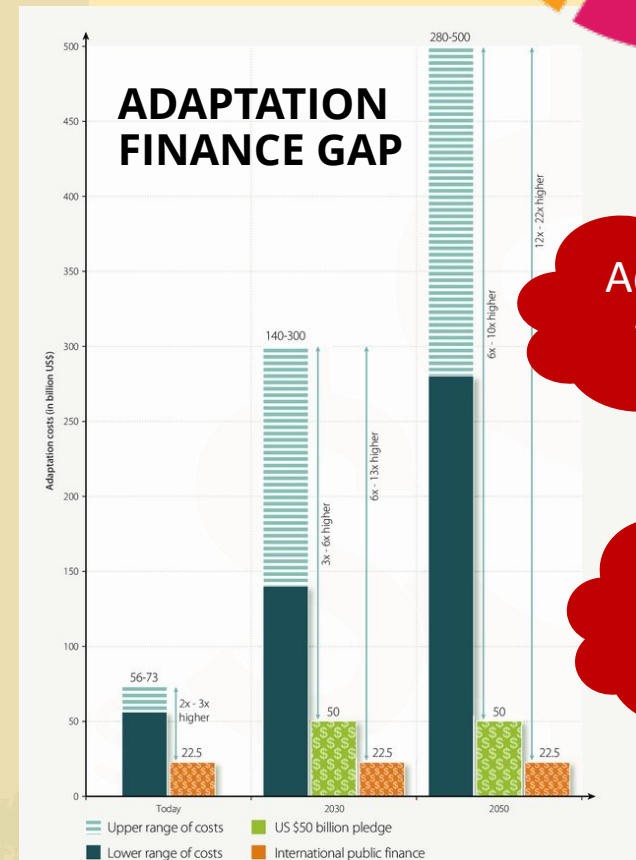
BY 10% FROM 2015-2016 TO 2017-2018, REACHING AN ANNUAL AVERAGE OF \$48.7 BILLION



**15 LIFE ON LAND**

PROGRESS HAS BEEN MADE TOWARDS SUSTAINABLE FOREST MANAGEMENT

BUT THE WORLD HAS LOST 100 MILLION HECTARES OF FOREST IN TWO DECADES (2000-2020)



Adaptation targets?

Measures of progress?

# Climate adaptation monitoring and reporting is a cluttered space

## **MANY REPORTING FRAMEWORKS**

Paris Agreement (NAPs, NDCs, Agenda 2030, Sendai Framework), National policies, + dozens of donor and project-specific frameworks

## **MANY TOOLS**

Over 600+ climate change adaptation indicators used by stakeholders in the agriculture sector to report on adaptation

# Alignment is one way to organize the space...



Photo: Geospatial World

## Multiple benefits of alignment:

Maximized collective efficacy of finance | Efficient allocation of resources | Reduced risk of double counting  
Rapid operationalization of M&E | Reduced reporting burden | Streamlined workflows |  
High-resolution images of progress | & many more...

See more: IIED.2019. Assessing adaptation results. Aligning national M&E systems and global results frameworks

... but can be challenging to put in practice



*Photo: European Space Agency (ESA). Artistic illustration of a satellite collision which puts space junk on the map*

# Same information types are anchored in different M&E systems, reporting gaps persist

Tanzania: Ability of national M&E systems to deliver information for global/regional reporting				
Indicator/ information type (selection)	Reporting mechanism			National M&E system (agriculture)
	Agenda 2030	African Union (BR)	NDC	
Climate resilience of the population	SDG 1.5	PC 6.1i		
Undernourishment (% population)	SDG 2.1.1	PC 3.5iv		
Stunting (%)	SDG 2.2.1	PC 3.5i		ASDP II, ASDS II
Area under productive and sustainable ag (%)	SDG 2.4.1	PC 6.1ii		ARDS, ASDP II, ASDS II
Ownership /secure rights to ag land (% ag pop)	SDG 5.a.1	PC 3.1vi		
Access to clean water (% pop)	SDG 6.1.1		Adapt. target	
Water use efficiency	SDG 6.4.1			ASDS II
Irrigation	(SDG 6)	PC 3.1ii		ARDS, ASDP II, ASDS II
Area under sustainable forest management	SDG 15.2.1			
Land degraded (% land area)	SDG 15.3.1			

**Green:** indicators in national M&E systems match perfectly with info needed for reporting; **Orange:** information not covered by national M&E system

Source: Adapted from ICRAF & Unique (2019). Assessing capacities and opportunities for integrated M&E systems for CSA in Tanzania, Malawi, Zambia, Zimbabwe <https://bit.ly/2T9VUKM>

# Some reporting gaps can be addressed by leveraging existing frameworks & systems

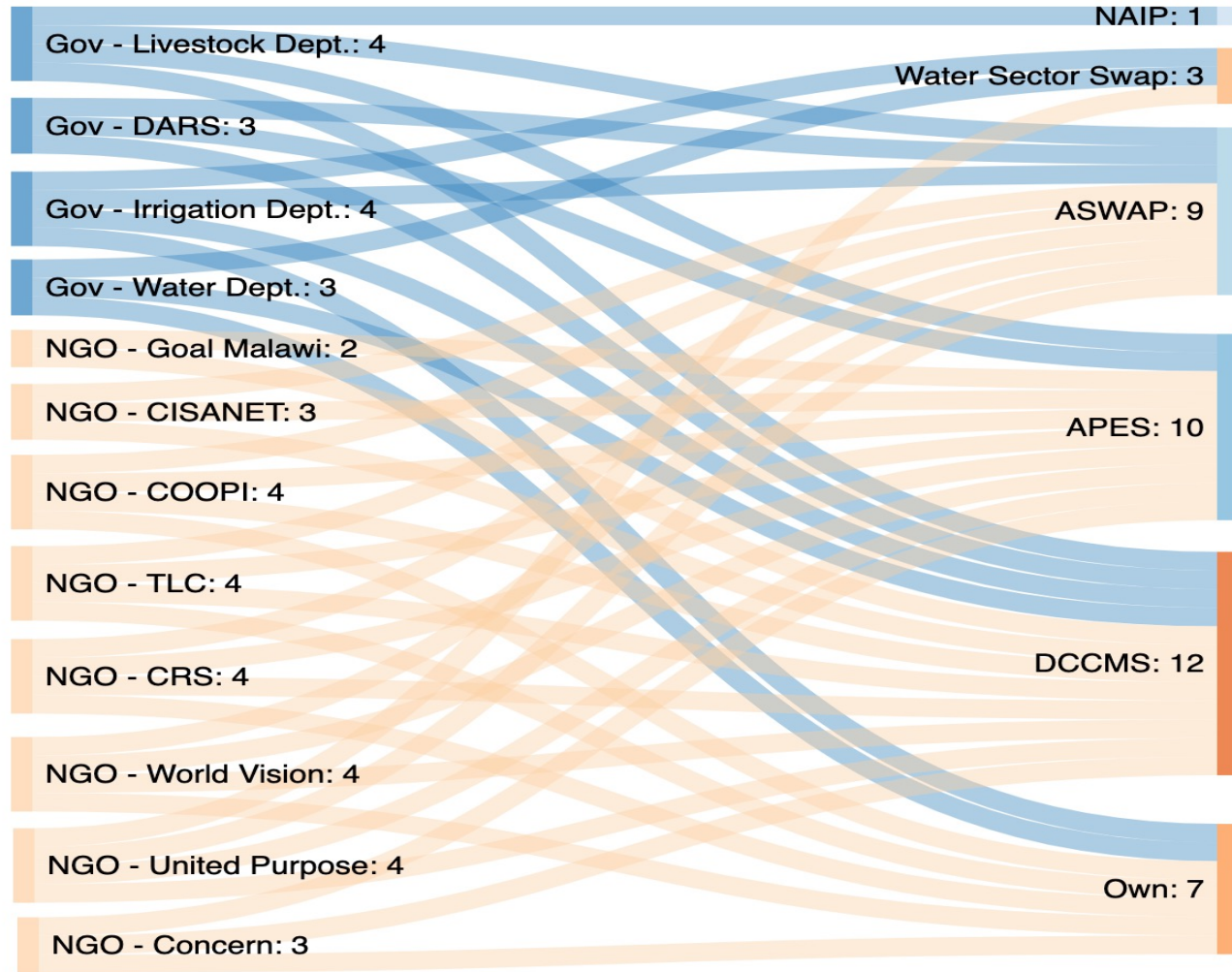
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Climate resilience of the population	SDG 1.5	PC 6.1i		DfID (AF, ICF), FAO (RIMA)
Undernourishment (% population)	SDG 2.1.1	PC 3.5iv		USAID (FtF)
Stunting (%)	SDG 2.2.1	PC 3.5i		ASDP II, ASDS II
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Land degraded (% land area)	SDG 15.3.1			TZ-NEAP

**Green:** indicators in national M&E systems match perfectly with info needed for reporting; **Blue-green:** systems that can be leveraged to address information gaps

Source: Adapted from ICRAF & Unique (2019). Assessing capacities and opportunities for integrated M&E systems for CSA in Tanzania, Malawi, Zambia, Zimbabwe <https://bit.ly/2T9VUKM>

# M&E systems can serve multiple purposes

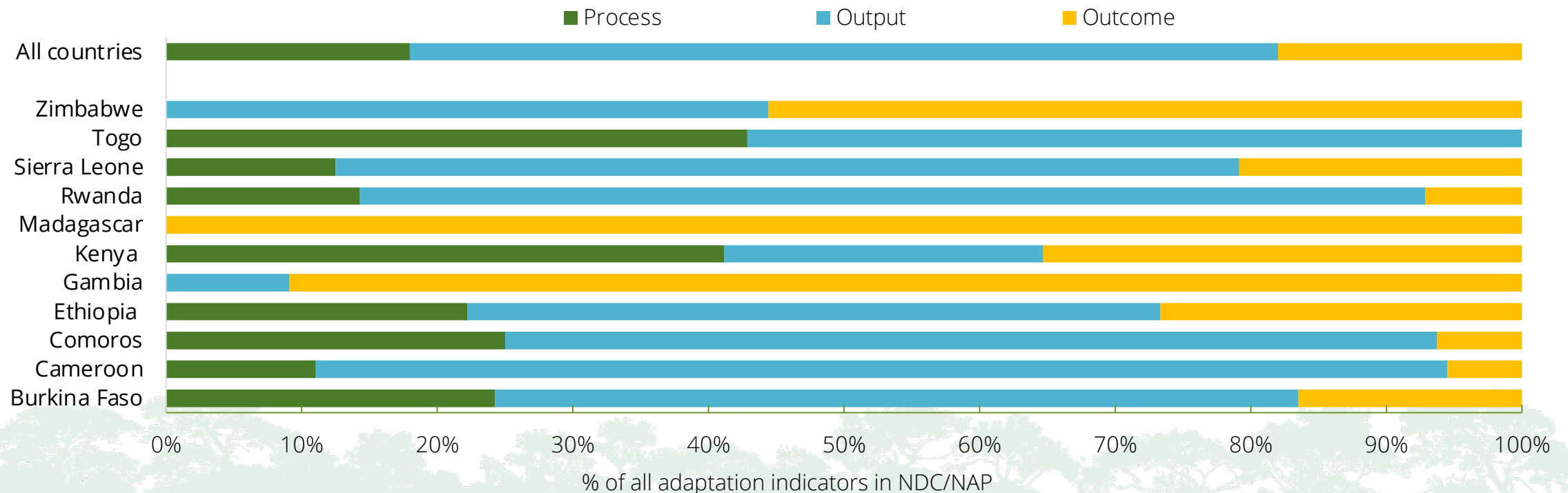
Malawi: Each line indicates when an actor (left) uses an existing M&E system (right)





# Many adaptation indicators track processes and outputs, but are inadequate for larger timeframes

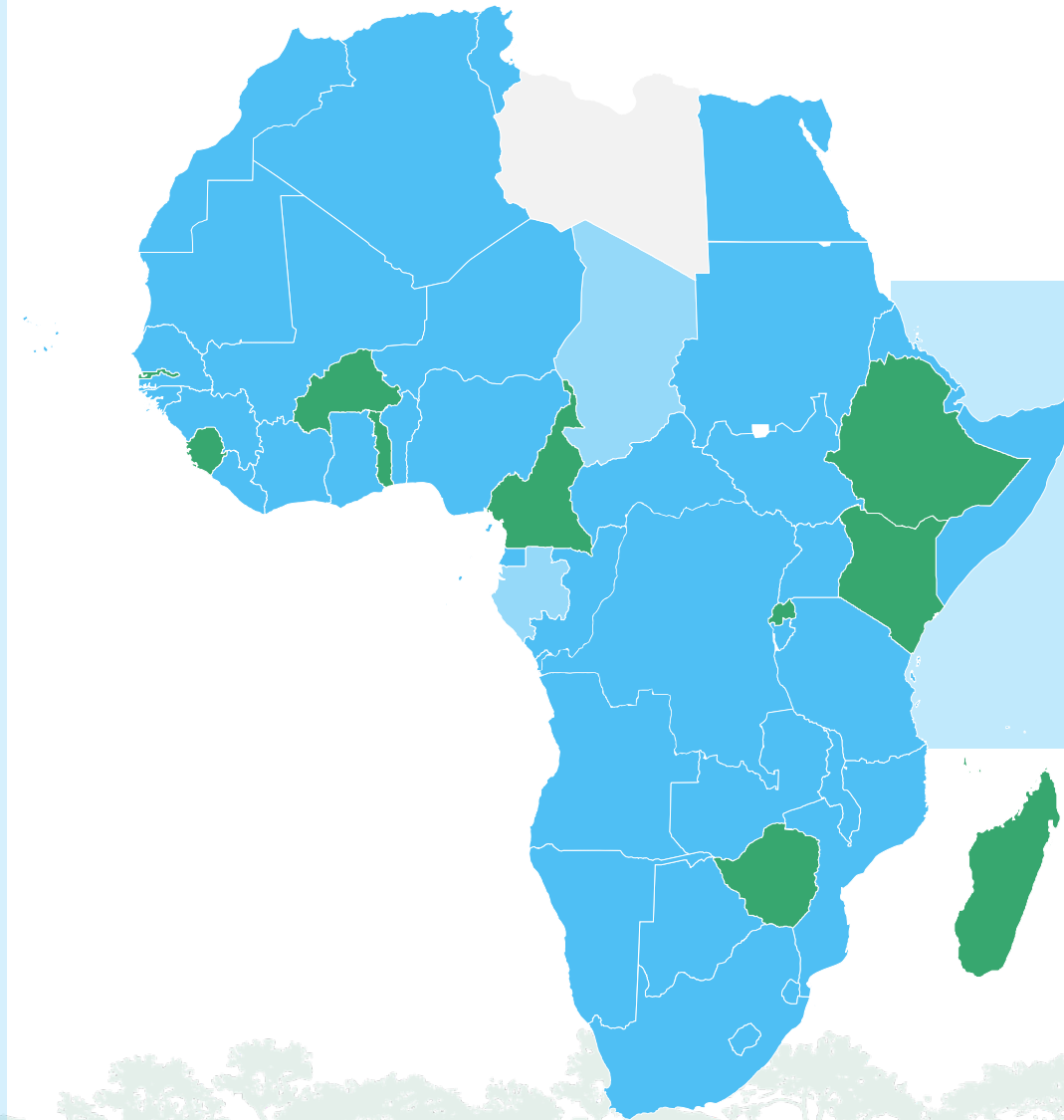
Out of 400+ indicators mapped in 11 African NDC & NAPs submitted by December 2020, only 18% measure outcomes



Source: Nowak et al. 2021. "Indicators for Tracking the Global Goal on Adaptation: Insights from 50+ African Countries". Available at: <https://bit.ly/308il7k>

## NAPs and NDCs submitted by December 2020

**New opportunities for alignment emerge, as countries develop/revise NDCs and NAPs**



- 1 country with no NDC/ NAP (light grey)
- 2 countries with no adaptation action in NDC/NAP (light blue)
- 41 countries with adaptation actions, no indicators (blue)
- 10 countries with adaptation actions and indicators (green)

# Moving together forward to turn expectations into reality

Good data  
~~More data~~

More users & uses  
~~More frameworks/ systems~~

More investment in building capacity  
(financial, human, technical)

# Thank you

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