



17th TechNet Conference

Panama City, Panama | October 16-19, 2023

Immunization Programmes That Leave No One Behind

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Continuous improvement planning - The Journey and the Destination

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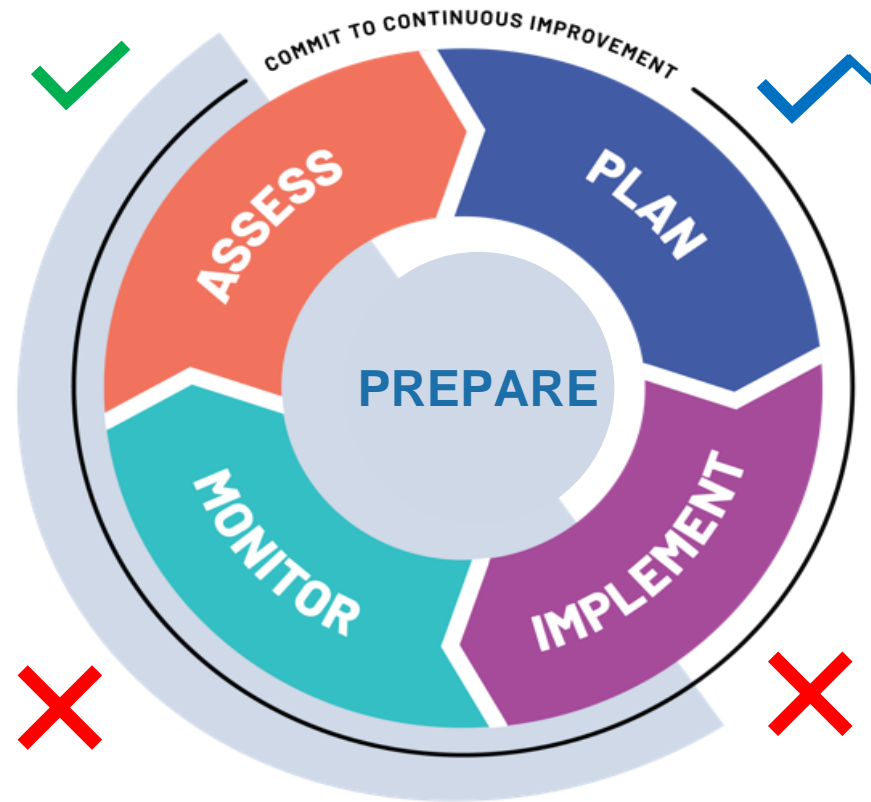
The continuous improvement paradigm shift: an imperative for sustained development – *Olamide Folorunso*



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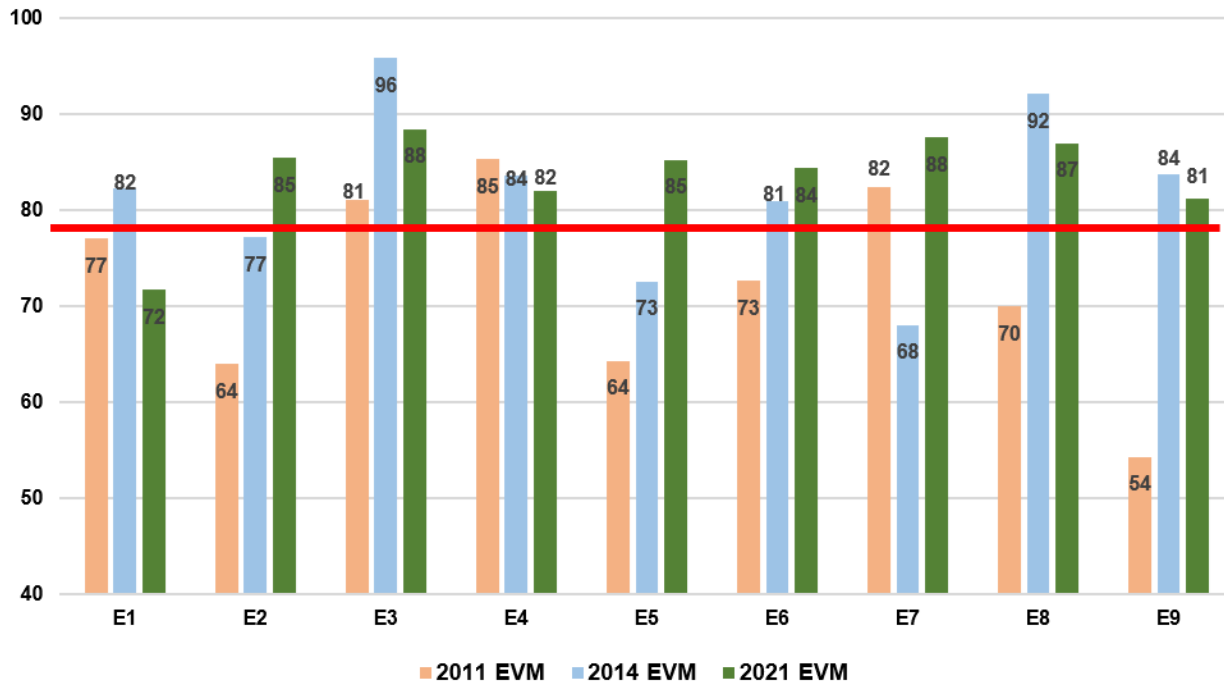
Country focus and multi-stakeholders' visibility is centred on EVM assessments

*Visibility on cIPs
development,
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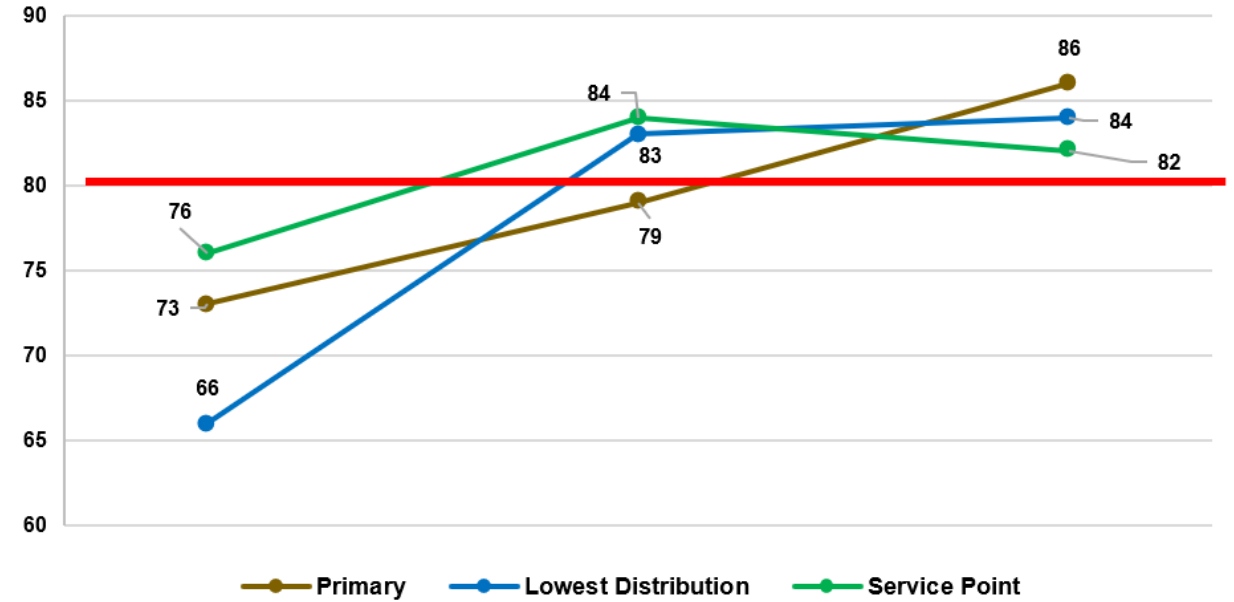


The Bangladeshi example: The catalytic power of continuous improvement

Bangladesh Supply Chain Evolution (2011-2021), EVM Criteria Scores (E1 to E9)*



Bangladesh Supply Chain Evolution (2011, 2014, 2021), Supply Chain Level Composite Score*



cIPs development and monitoring and using it as a health systems improvement tool- The Bangladesh Case Study: *Jahid Shahed and Monjurul Islam*



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Background

- Bangladesh EPI conducted EVM assessment in 2011, 2014 and 2021
- Developed comprehensive EVM 4 years improvement plan (cIP).
- Based on each EVM assessments recommendations, Country has given outmost priority to improve the Immunization Supply chain System.
- As a good performing country , Bangladesh has been strengthening the iSCs in terms of Cold Chain capacity, Infrastructure development, Periodical Refresher trainings, Preparing National Immunization strategy and other activities

Achievements of cIP recommendations of 2011 & 2014

Recommendation	Implementation Status
Expand the Physical Infrastructure for storage capacity	6 storied building constructed , 8 WICs and 2 WIF installed
Improved Temperature Monitoring system	Wireless/Remote Temp. Monitoring device installed in each WICs 30 DTR(30 days Temperature Recorder) installed in all ILRs
Revise the EVM SOP and disseminate to all level	Revised EVM SOP, conducted training & disseminated to all level.
Installation of WICs in higher population Districts	74 WICs in 47 Districts installed .
Introduce 30DTR, for ensuring quality of vaccine	30DTR procured and are being used in all districts
Use Freeze indicators for safety of vaccine during transportation	30DTR supplied to all Districts for use during transportation.
Retain 3 tire supply system by increasing storage capacity	52 district stores constructed/renovated .
Supply IT equipment and digitize data management system for iSC	IT equipment supplied to all EPI stores. All vaccine Stock, dry goods, cold chain inventory are being managed in DHIS2.

EVM Assessment 2021 result

		Infrastructure	Equipment	Information technology	Human resources	Policies & procedures	Financial resources			TOTAL
		C1	C2	C3	C4	C5	C6	OUTPUTS	PERFORMANCE	
Vaccine arrivals	E1			100	50	92		100		88
Temperature management	E2			90	84	100		73	98	86
Storage and transportation capacity	E3	45	89		96	100	100	78	100	88
Facility infrastructure and equipment	E4	84	72	94			95	79		82
Maintenance and repair	E5			54	96	100	98	69	87	85
Stock management	E6			92	86	100		80	73	84
Distribution of vaccines and dry goods	E7		100	91	75	69	94	93	98	88
Vaccine management	E8				74	100		9		87
Waste management	E9		63		79	98	89	55	83	81
Annual needs forecasting	M1				97	99		98	100	98
Annual work planning	M2				70	44	99	79	76	77
Supportive supervision	M3	100	100	7	98	100	100	74		76
iSC performance monitoring	M4			94	84	94		67		77
TOTAL		83	81	85	83	92	99	78	89	84

Progress of cIP recommendations of 2021

Activity	Priority	Completion indicator
Supply of SDD CCE with solar panel for emergency prone Upazilas (Costal, flood, Haor, Char, Hilly area etc.)	Medium	50 Upazila have SDD CCE
Supply of sufficient shelves, racks, pallet and ladder for dry store at LD level	High	30 store received rack
Construction of new dry store with 35000sqf space and wide approach road facilities	High	New EPI dry store constructed
Extension or renovation to ensure at least 3 rooms for EPI store at SP level	Medium	50 store have 3 rooms for EPI
Construction of EPI store in emergency prone districts and sub-districts with elevated platform (like flood shelter center)	Medium	10 EPI stores constructed with elevated platform
Assessment of cold storage capacity and coolant packs in view of existing and new vaccine introduction	High	752 stores assessed
Develop temperature mapping SOP and conduct mapping for all the cold rooms and freezer rooms annually	High	110 WIC and WIF Temperature mapped
Introduce dedicated eVLMIS software for real time tracking of vaccine and logistics	High	Introduce eVLMIS software at all level
Regular National logistics working group periodical review meeting on iSC	Medium	Quarterly review meeting conducted
Develop Key Performance Indicator (KPI) for performance Evaluation (iSC) and include KPI in EVM SOP and cold chain guideline	High	A set of KPI introduced

Progress of cIP recommendations of 2021

Continuous Improvement Plan (cIP) Development Tool					28/06/2022
Bangladesh					
Improvement Plan Budget Summary	2023	2024	2025	2026	Total Budget
Infrastructure	\$ 750,000	\$ 3,121,600	\$ -	\$ 3,160,000	\$ 7,031,600
Equipment	\$ 4,170,000	\$ 561,000	\$ 3,094,800	\$ 1,907,182	\$ 9,732,982
Information Technology	\$ 362,000	\$ -	\$ 1,762,182	\$ 50,000	\$ 2,174,182
Human Resources	\$ 150,000	\$ 1,765,000	\$ -	\$ 5,000	\$ 1,920,000
Policies and Procedures	\$ 5,000	\$ -	\$ 100,000	\$ 100,000	\$ 205,000
Financial resources	\$ -	\$ -	\$ 396,000	\$ 379,148	\$ 775,148
	\$ 5,437,000	\$ 5,447,600	\$ 5,352,982	\$ 5,601,330	\$ 21,838,912

Regional perspectives, providing catalytic TA support for development and monitoring of cIPs and leveraging cIPs as a health systems improvement tool- *Claude Mangobo*



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AFRO Experience



Multi-year focus: Using cIP as a multi-year tool for planning supply chain and logistics activities at country level



Performance frame of reference: Considering the cIP as a frame of reference for all stakeholders in supply chain investment at country level



Identify and fill gaps: Using cIP as a central element in identifying bottlenecks in the implementation of supply chain improvement activities

Regional perspectives, providing catalytic TA support for development and monitoring of cIPs and leveraging cIPs as a health systems improvement tool- *Ridwan Gustiana*



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EAPRO Experience



The CIP Development Tool

helps in identifying area for improvement, but it required discussion with various stakeholder for prioritization as well as resource mobilization



Country ownership

on development of the CIP is critical to ensure the CIP thorough implementation and continuous monitoring throughout the years



In-country governance mechanisms

clear governance system critical to oversee the implementation of the CIP including through establishing/strengthening NLWGs

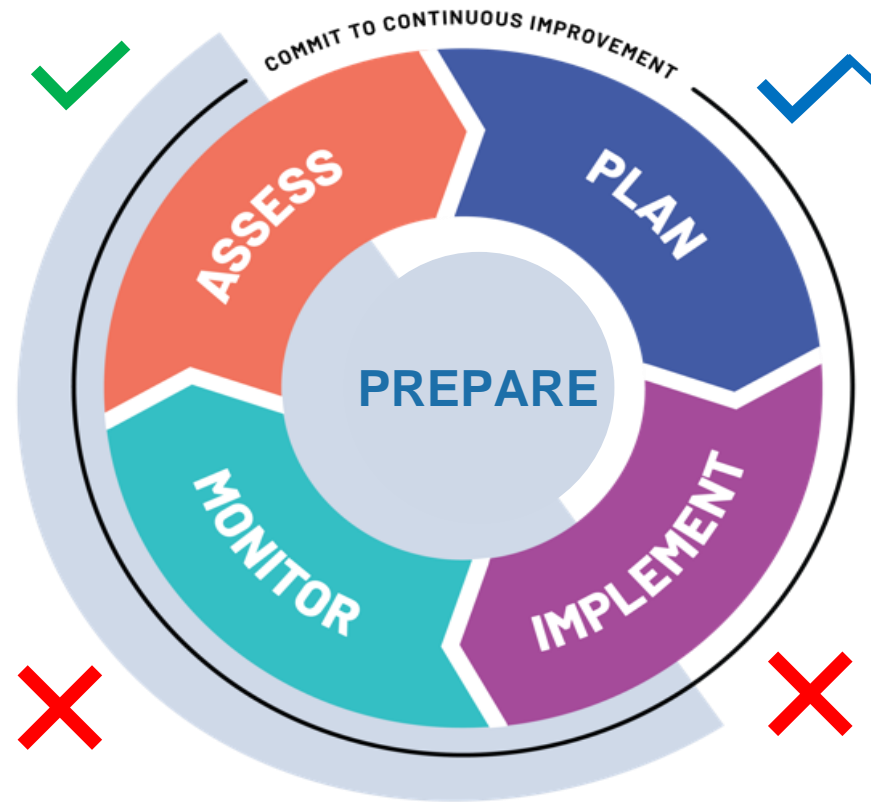
The Supply chain Continuous Improvement Plans (SCIP) Implementation tool and leveraging cIPs as a health systems improvement tool- *Olamide Folorunso*



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Welcome to the Supply chain Continuous Improvement Plans Implementation Tool (SCIP)

Catalyzing sustainable multisectoral continuous improvement interventions

The login process for SCIP uses strong security measures to ensure your personal credentials and your country's data are fully protected.

Please read the instructions below and then click on proceed to login when you are ready to continue.

+ A. UNICEF employee

+ B. GMAIL users

+ C. Microsoft users

+ D. Other users

If at any point you forget your password you can use the Forgot Your Password functionality.

Please get in touch at SCIP@unicef.org if you require access or further support with the login process.

Don't show this again

Tool Functionalities

1. Systematic national, regional and global development, tracking and reporting of cIP implementation

2. Coordinated country (end to end) EVM process Monitoring

3. Dynamic NLWGs and SNLWGs presence and functionality mapping

[SCIP Login](#)

Create and manage cIPs

cIP

cIPS

+ CREATE CIP

Name	Assessment Type	Programme Focus	Assessment Scope	Assessment Range / Supply Chain Levels	cIP Start Date	cIP Finalization Date	Stage	Actions
EVM 1 EDU TGT 2year	EVM 1	Education	Targeted	Kolhapur	19-09-2023	20-09-2025	● End Of Implementation	
EVM 1 ESM Full 2year	EVM 1	Essential Medicines	Full- Representative Sample	Banglore	10-08-2023	11-08-2025	● End Of Implementation	
EVM 1 MNCH Full 2year	EVM 1	MNCH	Full- Representative Sample	Kolhapur	19-09-2023	22-09-2025	● Active	
EVM 2 NUT Full 2year	EVM 2	Nutrition	Full- Representative Sample	Maharashtra	25-09-2023	25-09-2025	● Active	
EVM 1 ESM TGT 2year	EVM 1	Essential Medicines	Targeted	Abids	27-09-2023	28-09-2025	● Active	
EVM 1 NUT TGT 2year	EVM 1	Nutrition	Targeted	RajajiNagar	26-09-2023	27-09-2025	● End Of Implementation	

Create cIPs Template- Assessment Set-up

Create cIP

1 Basic Information

2 Vision & Goals

3 Operational Plans

Basic Information

Assessment Type *

Programme Focus *

Assessment Scope *

Supply Chain Levels

cIP Start Date *



cIP Duration

2 Year

Option 1 - Create manually


Step 1 - Select the **Assessment Type**

Step 2 - Click **Next** button and complete the process on next pages

Step 3 - Add **Goals & Target**

Step 4 - Add **Operational Plans** and then you may choose to **Save as Draft** or **Publish**

Create cIPs Template- Add Vision and Goals



for every child
SCIP

English

OF Olamide Folorunso
Country Admin

Create cIP

1 Basic Information 2 Vision & Goals 3 Operational Plans











Vision & Goals

Vision ⓘ [DOWNLOAD](#) [UPLOAD](#)

Set vision here...

Goals ⓘ

Note: `Minimum 2, Maximum 5 (Minimum goals will also be set in the cIP templates)`

Strategic Goals	Year 1 Target	Year 2 Target	Year 3 Target	Year 4 Target	Year 5 Target	actions
						 
						 
						 
						 
						 

< 1 >

Create cIPs Template- Add Activities and details

unicef for every child SCIP

English Olamide Folorunso Country Admin

Create cIP

Basic Information Vision & Goals **3 Operational Plans**

Operational Plans

cIP Activities **DOWNLOAD** **UPLOAD**

cIP Activities	Relevant Strategic Goals	Priority	Assessment Sub-Category 1	Assessment Sub-Category 2	Responsible Person	Budget	Fundir	Actions	

1 2 3 4 5 ... 30 10 / page

NLWGs and SNLWGs- Set-up and Presence

UNICEF Region:	SAR	Country:	India	Year:	2023	Quarter:	Q3
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PRESENCE FUNCTIONALITY

NLWG Presence

Does your country have a National LWG/Equivalent Present?

What is the reason(s) for the absence of the National Logistics Working Group?

Does the Country have an interest in setting up an NLWG?

What support is required for the country to set up an NLWG

Does your NLWG focus only on immunization?

Does your NLWGs have defined TOR for NLWG with members, roles and responsibilities?

Has the NLWGs been endorsed/have been formally inaugurated by MOH?

When was the NLWG formally inaugurated?

What partners are represented in your country NLWGs?

CANCEL SAVE

NLWGs and SNLWGs- Functionality

UNICEF Region:	SAR	Country:	India	Year:	2023	Quarter:	Q3
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PRESENCE **FUNCTIONALITY**


NLWG Functionality

What is the meeting schedule of your NLWGs agreed by MOH and all partners?	<input type="text"/>
Is the NLWG headed by a director/mid-level government staff?	<input type="text"/>
Is a National level Supply Chain/Logistics/Cold Chain manager with at least 10 relevant experience in charge of all country-level immunization supply chain program activities?	<input type="text"/>
When did your NLWGs engage a National level Supply Chain/Logistics/Cold Chain manager to be in charge of all country-level immunization supply chain program activities?	<input type="text" value="dd-mm-yyyy"/>
Has the NLWG held at least one meeting in the last month?	<input type="text"/>
Was there a circulated agenda and documented minutes by the MOH and all partners?	<input type="text"/>
Attach agenda and attendance of last meeting	Upload Agenda File <input type="button" value="Choose File"/> No file chosen
	Upload Last Meeting Attendance File <input type="button" value="Choose File"/> No file chosen
Were the minutes of the meeting developed and well-disseminated with members and key actions shared with decision makers?	<input type="text"/>
Are the immunization Supply Chain team involved in the broader supply chain technical working group for all/other health commodities?	<input type="text"/>
Is the NLWG consulted in decision making related to supply chain strategies and plans?	<input type="text"/>

EVM Process Planning


EVM Process Tracker

[COUNTRY EVM PLANNING IN PROGRESS](#)
[COUNTRY TARGETED EVM REPORTING](#)
[COUNTRY EVM PLANNING COMPLETED](#)
[TARGETED EVM PLANNING IN PROGRESS](#)
[TARGETED EVM REPORTING](#)
[TARGETED EVM PLANNING COMPLETED](#)

Country Info			Latest and Next Assessment Information				N	Actions
UNICEF Region	Country	Sub-National Region	Latest Assessment End Date	Projected Next Assessment Start Date	Categorization of next EVMA assessment dates	Next assessment due in how many months?	St	
WCAR	Liberia		27-12-2022	27-12-2026	2026-2030	39	N	


EVM Process Tracker

[COUNTRY EVM PLANNING IN PROGRESS](#)
[COUNTRY TARGETED EVM REPORTING](#)
[COUNTRY EVM PLANNING COMPLETED](#)
[TARGETED EVM PLANNING IN PROGRESS](#)
[TARGETED EVM REPORTING](#)
[TARGETED EVM PLANNING COMPLETED](#)

Next Assessment Due Date Tracking		Planning					Actions
Status of EVM assessment	If EVMA assessment is due, what is the planning status?	Next EVMA and CIP development Funds secured?	Lead and co-Assessors selected?	Name of Lead Assessor / Organisation	Name of Co-lead Assessor / Organisation	In-country managers trained on managing next EVM process?	
Not Yet Due	Not applicable						

EVM Process Tracker

[COUNTRY EVM PLANNING IN PROGRESS](#)
[COUNTRY TARGETED EVM REPORTING](#)
[COUNTRY EVM PLANNING COMPLETED](#)
[TARGETED EVM PLANNING IN PROGRESS](#)
[TARGETED EVM REPORTING](#)
[TARGETED EVM PLANNING COMPLETED](#)

EVM best practices on data validation and cleaning implemented?	Quality review has ended?	Report writing		CIP Development		Actions
		EVMA report development initiated?	EVMA report endorsed by NLWG or a broader coordination body?	CIP has been initiated after the EVMA report?	CIP endorsed by NLWG or a broader coordination body?	
						

Strengthening NLWGs and SNLWGs is critical to mainstreaming continuous improvement



Moving to a continuous improvement paradigm shift- Five levers





Thank You!

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