

Fantastic Results

...and where to find them (in IATI)

IATI Technical Advisory Group

November 14, 2018



Taryn Davis
Senior Associate



Catherine Marschner
Director of Product Development



Herman van Loon
Open Data and BI Specialist



Reid Porter
Senior Data Strategist



Overview

- How does IATI structure results data? (Reid)
- What can we do *right now* with IATI results data? (Herman)
- Which results are *most useful* to share? (Catherine)
- How can we make it *easier to use* IATI results data? (Taryn)
- Discussion at tables

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How does IATI structure results data?

Reid Porter

Senior Data Strategist

DevResults

...structured
information

...an open data standard

IATI is...

...machine
readable data

...a format for
sharing data

...a dictionary

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358 <description>
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385 <comment>
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RESULT



RESULT CONTENTS

REFERENCE #: GLOBAL-2

TITLE: *More Candy*

DEFINITION: *Increase the supply of candy*

Lenovo

如何更換 Lenovo 第 2 代主板的電池?

Lenovo

Lenovo support telephone list

Telephone numbers are subject to change without notice. For the most up-to-date telephone list, go to www.lenovo.com or your country or region's office. If you telephone number for your country or region is not listed, contact your Lenovo reseller or the Lenovo representative.

Country or Region	Telephone number	Hours of operation
Belgium	003-20-2608	9:00 AM - 5:00 PM (Monday - Friday)
China	86-20-46107 (Standard Charge 4400)	9:00 AM - 5:00 PM (Monday - Friday)
Argentina	001-200-76070	9:00 AM - 5:00 PM (Monday - Friday)
Arabic	001-800-236	9:00 AM - 5:00 PM (Monday - Friday)
Australia	1-877-4LENOVO	9:00 AM - 5:00 PM (Monday - Friday)
Australia	1800-00-021	9:00 AM - 5:00 PM (Monday - Friday)
Australia	01-178766 (Levin District)	9:00 AM - 5:00 PM (Monday - Friday)
Austria	0043-1-277411000	9:00 AM - 5:00 PM (Monday - Friday)
Bahamas	1-877-4LENOVO	9:00 AM - 5:00 PM (Monday - Friday)

Impact

RESULT CONTENTS

REFERENCE #: GLOBAL-2

TITLE: More Candy

DESCRIPTION: Increase the supply of candy

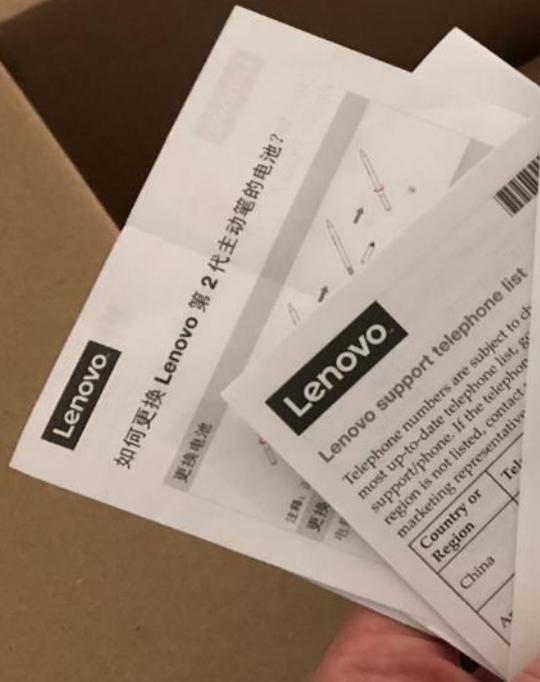
RESULT TYPE?

Output Outcome Impact

CAN AGGREGATE?

Yes No

SEE INCLUDED DOCUMENTATION



INDICATOR

0
800 202 0000
JUN 20 2017

497016-0000

Print members
for more
info

Prime

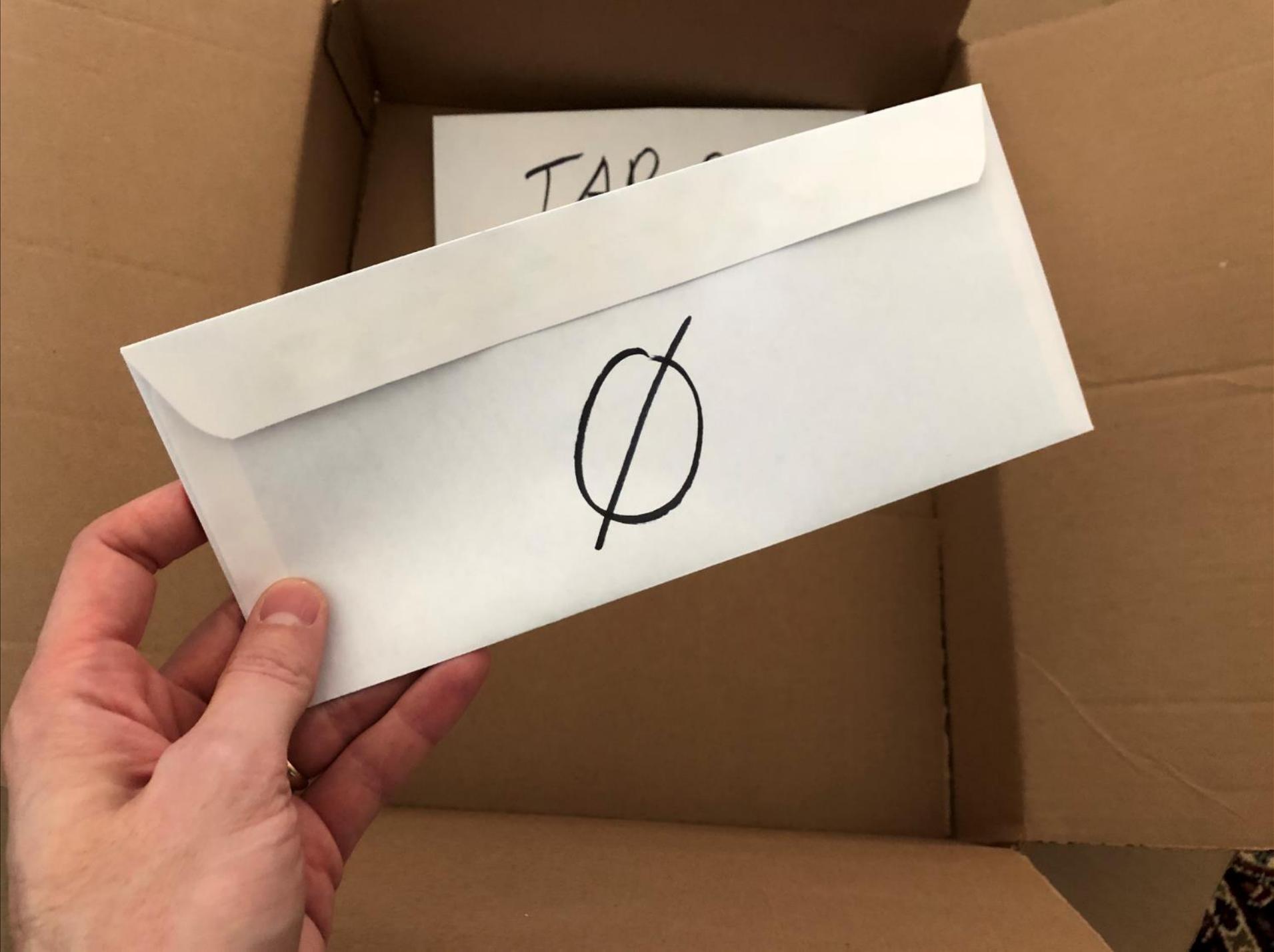
TARGET

ACTUAL

BASELINE

TARGET

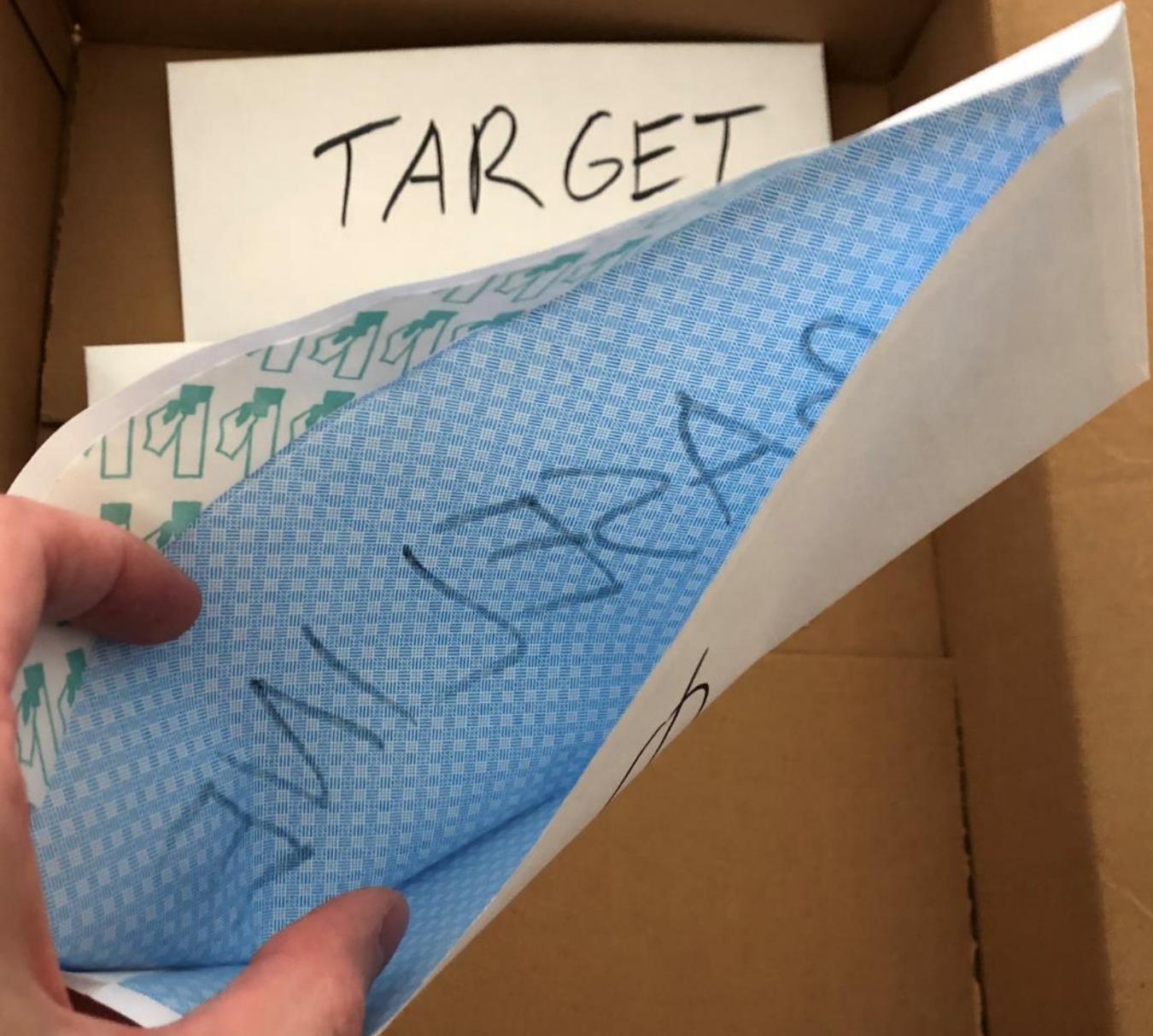
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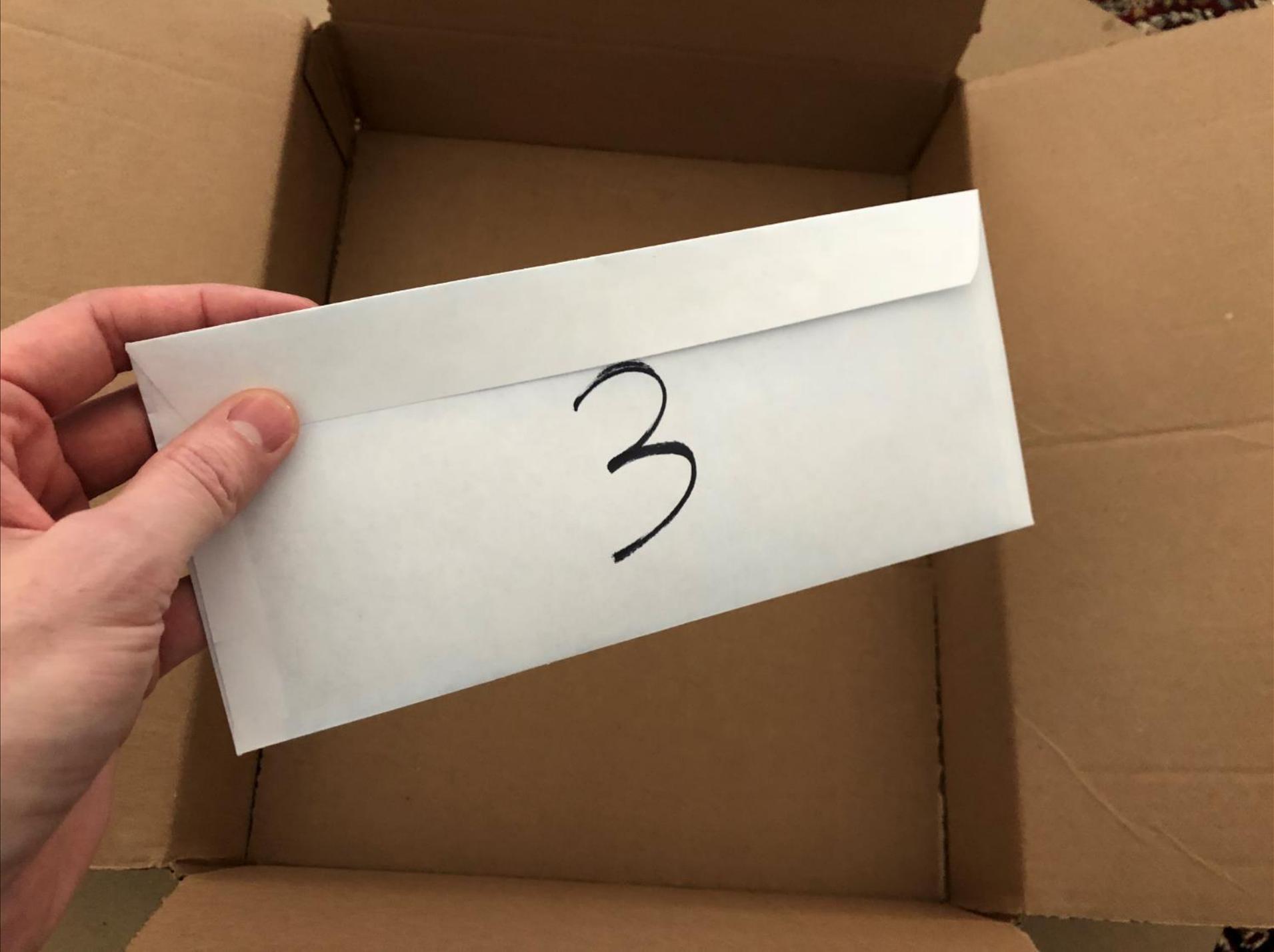
TABLE

\emptyset

TARGET



TARGET



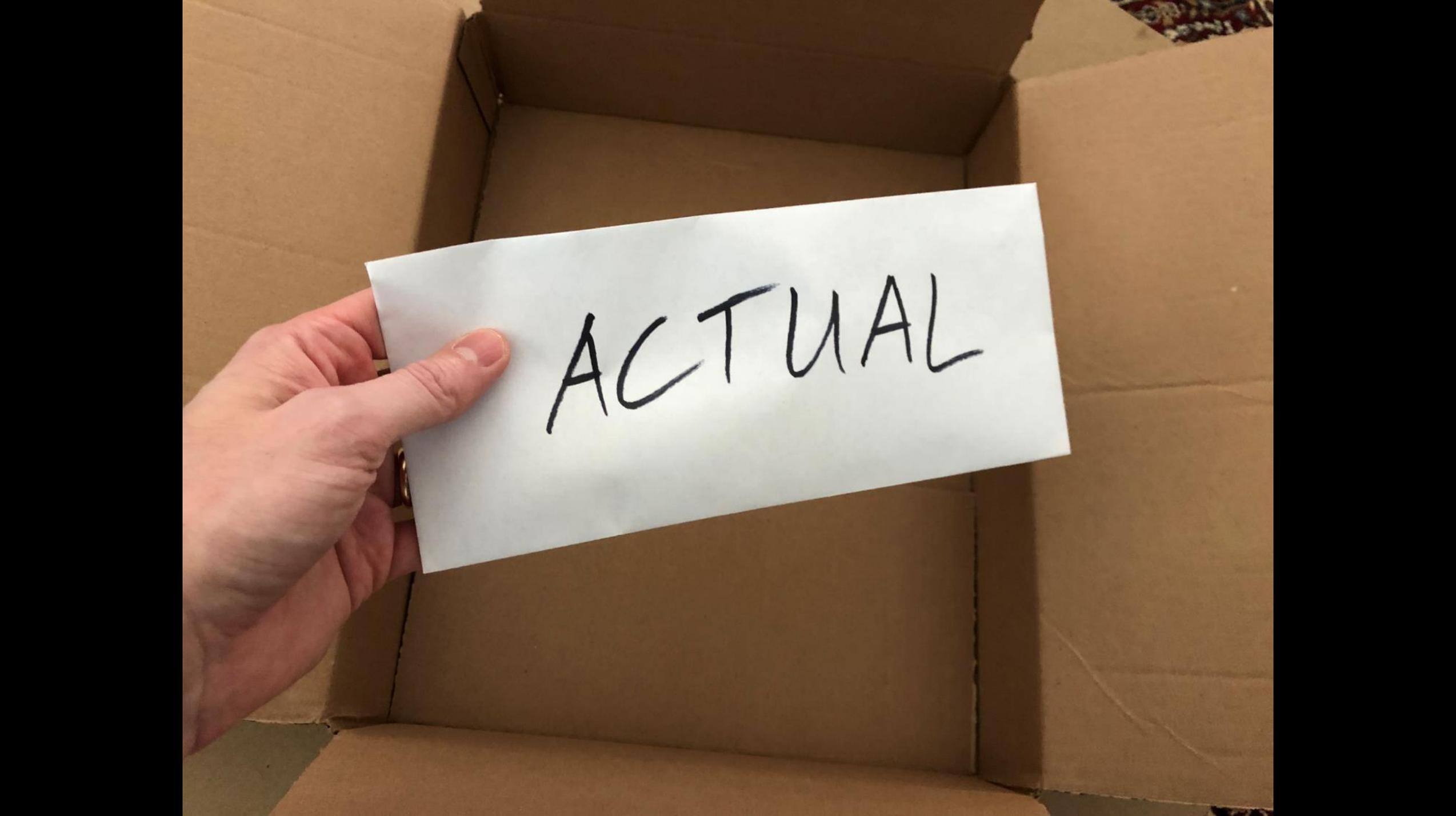
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LETTER

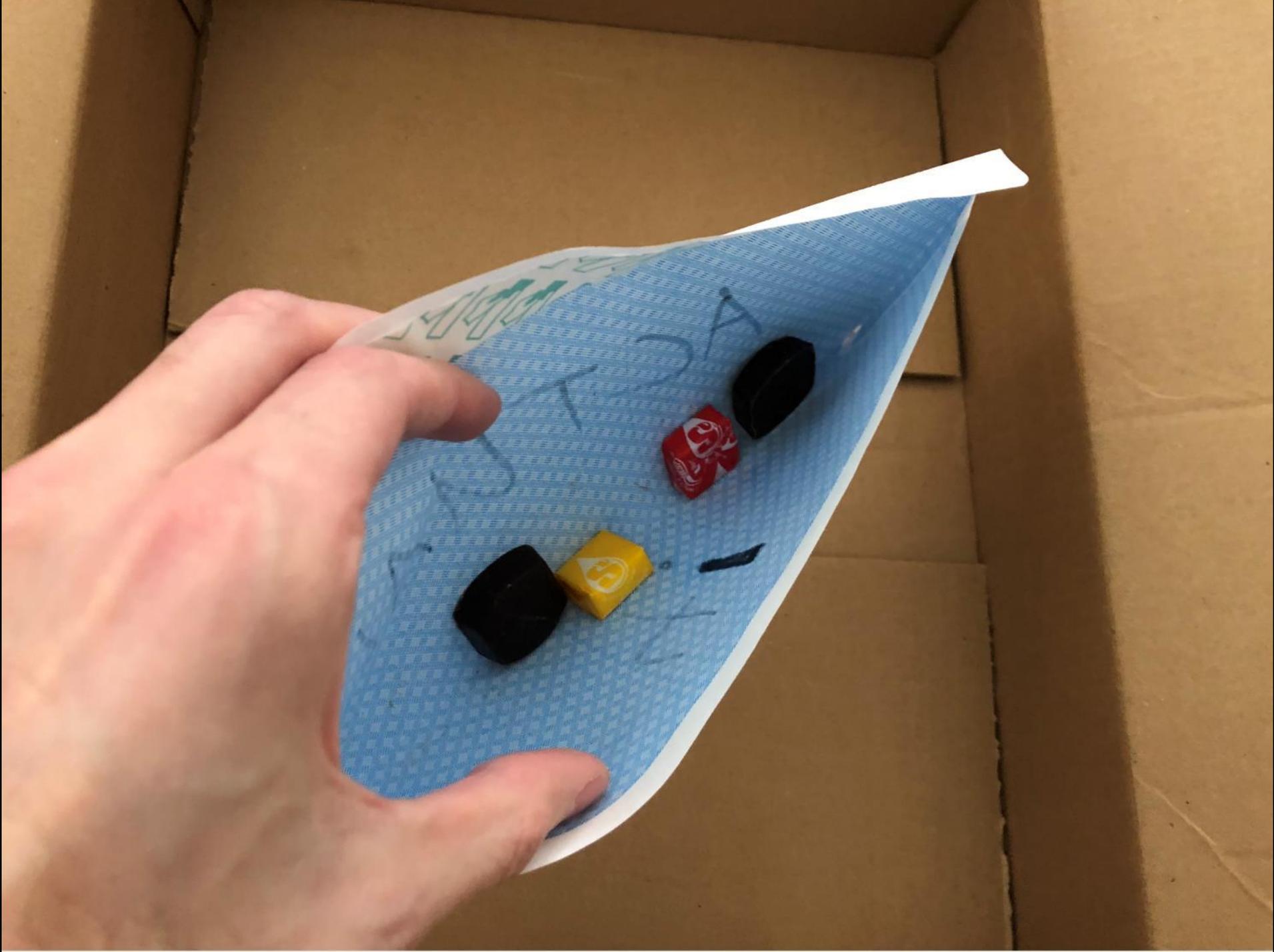
SIAAT

Someone you'll feel
Dose
Let's make it
more

A hand is holding a white rectangular card with the word "ACTUAL" written in black, handwritten capital letters. The card is held in front of an open, empty cardboard box. The box is made of brown corrugated cardboard and is oriented vertically. The hand is on the left side of the frame, and the card is held horizontally. The background is the interior of the cardboard box, which is empty. The lighting is even, and the focus is sharp on the card and the hand.

ACTUAL

4!





```
340 <document-date iso-date="2014-02-05" />
341 </document-link>
342 <!--result-document-link example ends-->
343 <!--result-reference starts-->
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383 <document-date iso-date="2014-02-05" />
384 </document-link>
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```

That's all this is!

(more or less)

Put slightly more verbosely...

- Result #1
 - Type (output, outcome, impact)
 - Aggregation Status? (suitable for aggregation – T/F?)
 - Title and Description
 - Document links
 - **Indicator #1**
 - Measure (unit, percentage, nominal, ordinal, qualitative)
 - Ascending? (increase is an improvement – T/F?)
 - Aggregation Status? (suitable for aggregation – T/F?)
 - Title and Description
 - Document links
 - Baseline: value disaggregated by dimension or location and comments
 - Period #1
 - Target: value disaggregated by dimension or location and comments
 - Actual: value disaggregated by dimension or location and comments
 - Period #2...
 - **Indicator #2...**
- Result #2...

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Ministerie van Buitenlandse Zaken

**IATI &
dashboards**

**Cooperation
ToC
Trust
M&E
Bottom-up
Guidelines
Methodology
Qualitative &
Quantitative**

IATI TAG 2018

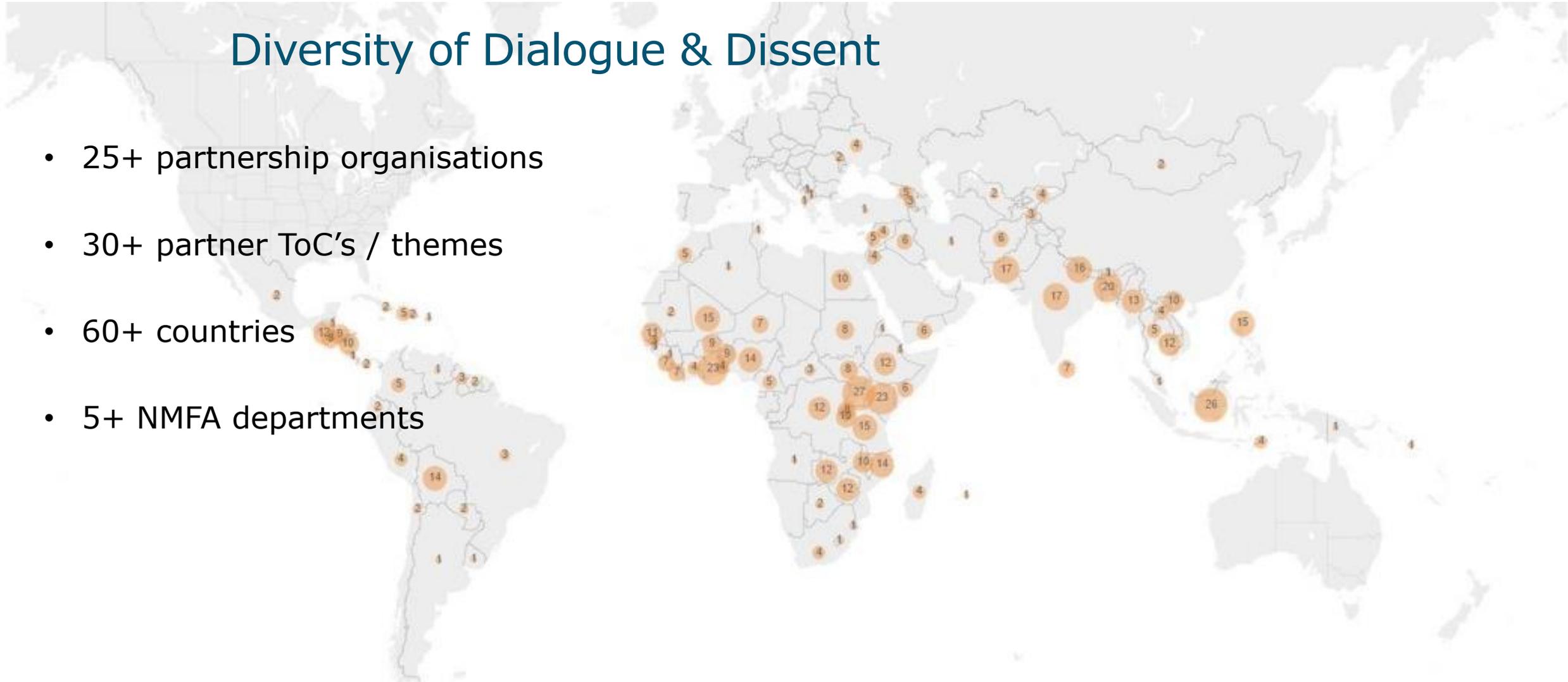
Monitoring the results Dialogue & Dissent

Marie-Louise Wijne
Jelmer Kamstra
Pelle Aardema
Herman van Loon



Diversity of Dialogue & Dissent

- 25+ partnership organisations
- 30+ partner ToC's / themes
- 60+ countries
- 5+ NMFA departments





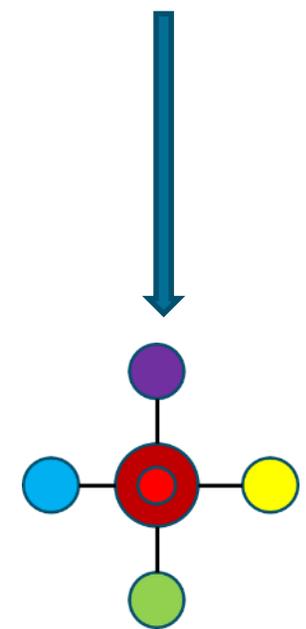
Results Monitoring Approach Dialogue & Dissent

- Qualitative & Quantitative
- Bottom up, together with partners
- Clear 'story' about what D&D is and achieves



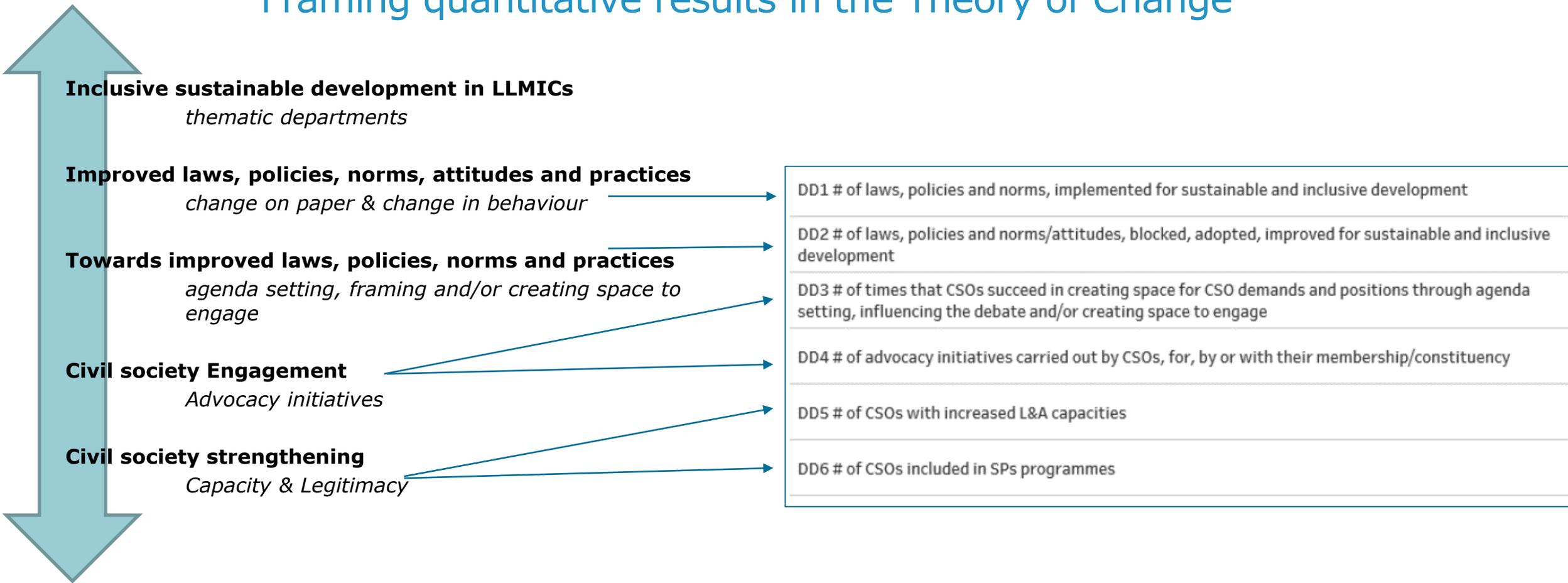
Road thus far

1. Partners developed their own result frameworks (up to 130+ indicators per partner)
2. Dialogue & Dissent ToC further developed
3. Exercise with consultant & partners → clustering indicators (30+ indicators)
4. Results report 2016 → selection of 8 indicators
5. Oct 2017 consultation with partners → 6 core indicators and additional guidance on reporting





Framing quantitative results in the Theory of Change





Link between partners & MoFA results framework with DD indicators

- Partners own results framework is leading
- Match to overarching DD core indicators
- Interpretation and operationalization up to partners: mutual trust is essential
- The IATI trick
 - Using the IATI 2.03 results reference field or
 - Adding the reference code (DD1, ..., DD6) to the indicator title or description (for IATI publishers using older versions of the standard)



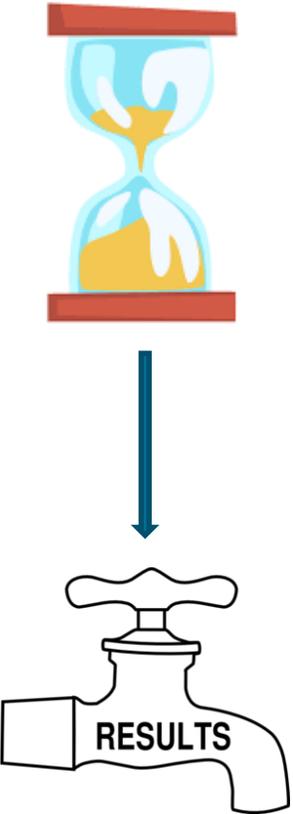


Results over time

Expected

Period start Period end

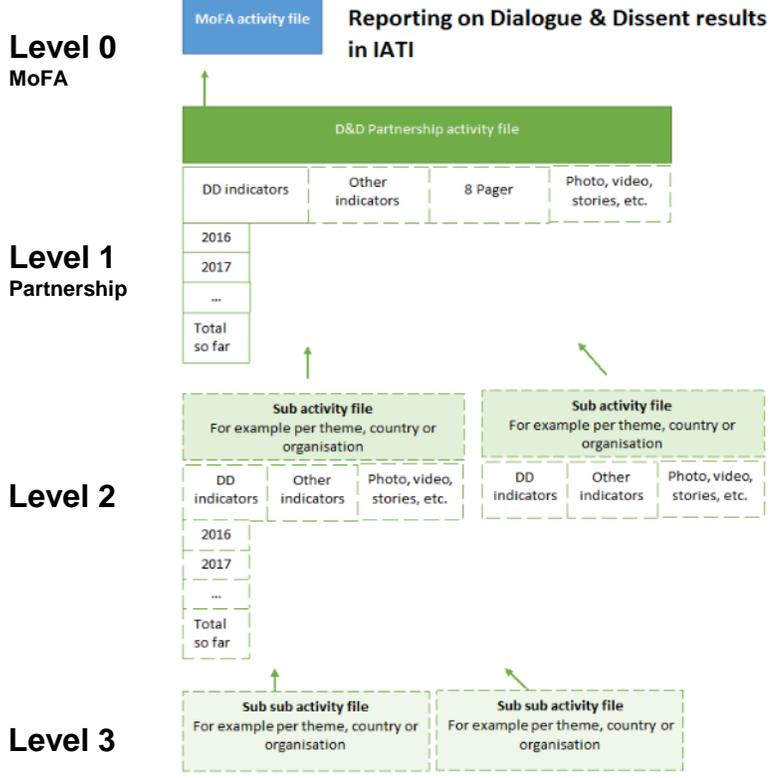
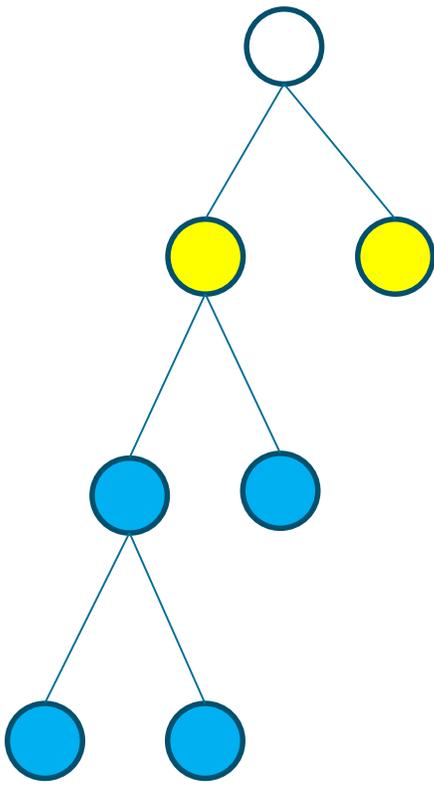
1-1-2016 – 31-12-2016	Actual 2016
1-1-2017 – 31-12-2017	Actual 2017
1-1-2018 – 31-12-2018	Actual 2018
1-1-2019 – 31-12-2019	Actual 2019
1-1-2020 – 31-12-2020	Actual 2020
1-1-2016 – 31-12-2020	Running total 2016-2020





Results at overall partnership (parent) level and subset (child) level

- Avoid double counting: aggregation is the responsibility of the partnership (= level 1, others cannot and should not).
- Can be automated based on aggregation status, but may lead to **errors** (example: different partners working on the same initiative)
- Connect to your funder (IATI incoming transaction providing activity-id)





Dialogue & Dissent dashboard: bit.ly/DDresultsTest

Dialogue & Dissent Strategic Partnership Results

Result period start date: 09-03-2017
 Result period end date: 31-12-2017
 Reporting organisations: (All)
 Show aggregatable results: (All)
 Show organisations not reporting in period: Y N

This dashboard only reports on the six core indicators that have been developed by the Strategic Partners and the Netherlands Ministry of Foreign Affairs. To see a visualization of all the data per Strategic partnership, please visit the [Metrics BZ dashboard](#). For more info on the indicators and guidance on how to report in IATI, please click [here](#).

Overview BZ dialogue & dissent indicators

Click on an BZ indicator to select the corresponding partner results. This overview only shows the top level results (level 1).

BZ indicator title	Actual DD total	# of partner organisations
DD1 # of laws, policies and norms, implemented for sustainable and inclusive development	50	4
DD2 # of laws, policies and norms/attitudes, blocked, adopted, improved for sustainable and inclusive development	141	4
DD3 # of times that CSOs succeed in creating space for CSO demands and positions through agenda setting, influencing the debate and/or creating space to engage	370	3
DD4 # of advocacy initiatives carried out by CSOs, for, by or with their membership/constituency	1,940	4
DD5 # of CSOs with increased L&A capacities	270	3
DD6 # of CSOs included in SPs programmes	475	3

Contribution by partner organisation

Click on a pie slice to select the corresponding partner results. This pie chart only shows the top level results (level 1).

DD1 # of laws, policies and norms, implemented for sustainable and inclusive development



Detailed partner results for BZ indicator

DD1 # of laws, policies and norms, implemented for sustainable and inclusive development

BZ activity title	Level	Partner activity title	Indicator title	Period start	Period end	Aggregatable	Actual DD total	Baseline total	Target DD total
SP S&T BOTH ENDS	1	Fair, Green and Global Alliance	DD1	01-01-2017	31-12-2017	Yes	50	0	
SP S&T FAIR WEAR	1	Strategic Partnership Lobbying and Advocacy FWF	SP ALLIANCE INDICATOR 1 (DD1) # of new/updated/ improved labour policies and laws on SP issues are adequately practised upon	01-01-2017	31-12-2017	No	3	0	
	2	Bangladesh SP	SP ALLIANCE INDICATOR 1 (DD1) # of new/updated/ improved labour policies and laws on SP issues are adequately practised upon	01-01-2017	31-12-2017	No	1	0	
		Cambodia SP	SP ALLIANCE INDICATOR 1 (DD1) # of new/updated/ improved labour policies and laws on SP issues are adequately practised upon	01-01-2017	31-12-2017	No	2	0	
		Ethiopia SP	SP ALLIANCE INDICATOR 1 (DD1) # of new/updated/ improved labour policies and laws on SP issues are adequately practised upon	01-01-2017	31-12-2017	No	0	0	
		India SP	SP ALLIANCE INDICATOR 1 (DD1) # of new/updated/ improved labour policies and laws on SP issues are adequately practised upon	01-01-2017	31-12-2017	No	0	0	
		Indonesia SP	SP ALLIANCE INDICATOR 1 (DD1) # of new/updated/ improved labour policies and laws on SP issues are adequately practised upon	01-01-2017	31-12-2017	No	0	0	
		International SP	SP ALLIANCE INDICATOR 1 (DD1) # of new/updated/ improved labour policies and laws on SP issues are adequately practised upon	01-01-2017	31-12-2017	No	0	0	
		Myanmar SP	SP ALLIANCE INDICATOR 1 (DD1) # of new/updated/ improved labour policies and laws on SP issues are adequately practised upon	01-01-2017	31-12-2017	No	0	0	
		Pakistan SP	SP ALLIANCE INDICATOR 1 (DD1) # of new/updated/ improved labour policies and laws on SP issues are adequately practised upon	01-01-2017	31-12-2017	No	0	0	
		Vietnam SP	SP ALLIANCE INDICATOR 1 (DD1) # of new/updated/ improved labour policies and laws on SP issues are adequately practised upon	01-01-2017	31-12-2017	No	0	0	
SP S&T RUTGERS	1	Right Here, Right Now Strategic Partnership	IATI 1.3: # of implemented legislation, policies, strategies on SRHR contributed to, disaggregated by level (national and sub-national), comparable to indicator DD1.	01-01-2017	31-12-2017	No	1	0	0
SP S&T SNV	1	Voice for Change Partnership	DD1: number of new/adjusted inclusive policies, regulations or frameworks implemented	01-01-2017	31-12-2017	No	5	0	

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Results Theme Tagging

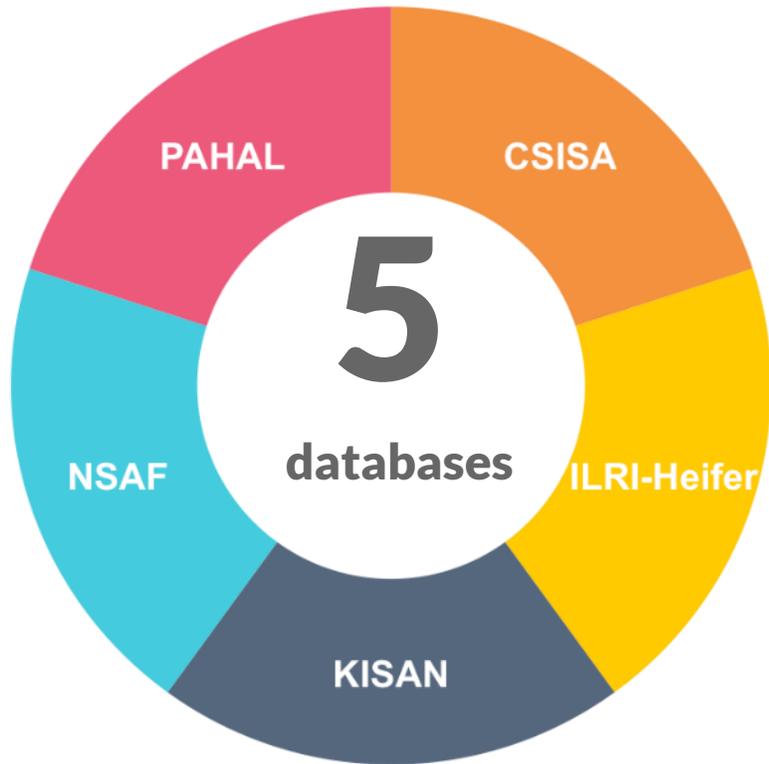
A method for making results data more searchable and usable

The Challenge

How can we use and visualize results data in IATI?

While results data across organizations often can't be aggregated together, it can still be useful to identify and review results of organizations tracking similar indicators.

Pilot for mSTAR



1100+

Nepal
Indicators

Pilot using Feed the Future baseline data in Nepal and Cambodia.

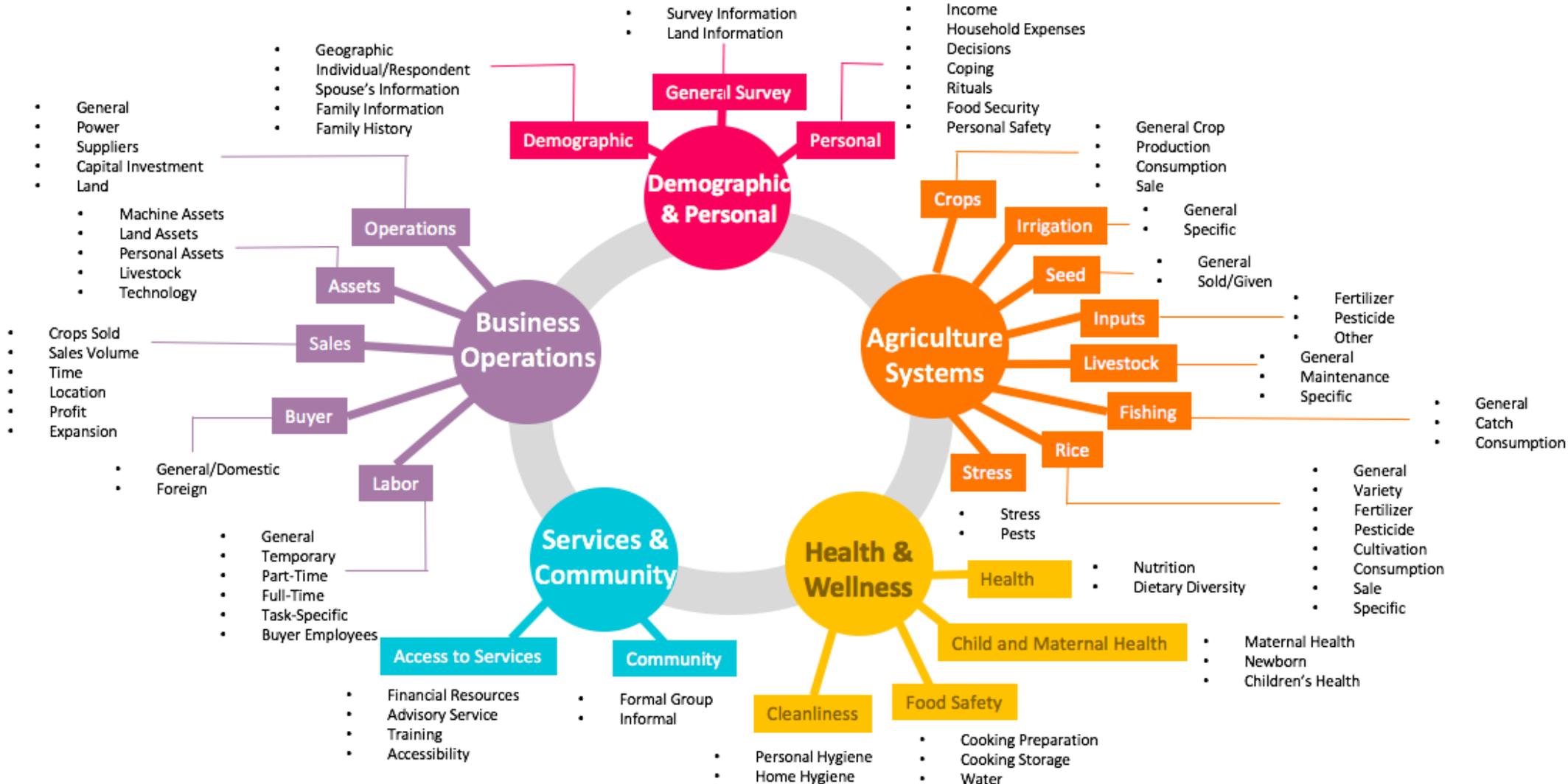
Goals:

- Identify areas for cross-portfolio research.
- Identify areas for possible standardization.

Methodology Used

1. Consolidate indicators into a single file.
2. Map each indicator into specific themes, and sub-themes.
 - a. Sub-themes were determined organically depending on prevalent indicator topics.
 - b. Sub-themes were then grouped into larger thematic areas. Theme must be distinct enough to not fit as a sub-theme to any other theme.

Theme and Sub-Theme Mapping



Search by Theme & Sub-Theme

Theme	Theme2	Subtheme	Subtheme2	Full Indicator	ASTR - IR	HARVEST II Total	IDE IPM	IRRI EPIC	RFF Total	SIIL ASMI	Total Similarities
Access to Services			Accessibility	Facilities/Services	1						1
Access to Services			Accessibility	Facilities Distances	1						1
Access to Services			Accessibility	How far is your farm from the nearest output market?				1			1
Access to Services			Accessibility	How far is the nearest market selling agricultural products	1						1
Access to Services			Accessibility	How far is the nearest agro-chemicals/inputs dealer	1						1
Access to Services			Accessibility	How far is the nearest farm machinery service provider	1						1
Access to Services			Accessibility	How far is the nearest farm machinery repair & maintenance shop	1						1
Access to Services			Accessibility	How far is the nearest bank	1						1
Access to Services			Accessibility	How far is the nearest government agricultural office	1						1
Access to Services		Accessibility	Accessibility	How far is the nearest ngo office	1						1
Access to Services		Accessibility	Accessibility	How far is the nearest self-help group office	1						1
Access to Services		Accessibility	Accessibility	How far is your major vegetable field from the nearest location where you sell vegetables?	0.5		1				1.5
Access to Services		Accessibility	Accessibility	How far is your house from the nearest agricultural extension officer?			1	1			2
Access to Services		Accessibility	Accessibility	How far is your house from the nearest agricultural input (seed, pesticide) dealer/store?			1	1			2
Access to Services		Accessibility	Accessibility	How far is your village from the closest town?			1	1			2
Access to Services		Accessibility	Accessibility	Did you need to borrow to finance your vegetable production last year?			1				1
Access to Services		Accessibility	Accessibility	Was your household able to borrow the amount it needed?			1				1
Access to Services		Accessibility	Accessibility	In the past 2 years, have you received advice and/or learned about agriculture from a government agricultural extension worker or center?			1				1
Access to Services		Accessibility	Accessibility	What do you see as a barrier to increased (vegetable) market access and participation?						1	1
Access to Services		Advisory Service	Advisory Service	Did you receive any extension assistance or advisory service related to *type* of production and marketing in the last 12 months (rice production, vegetable production, animal raising, fish production, crop rotation techniques, crop association, crop rotation management, drying at post harvest, storage facilities, advice on output price, advice on input prices, collective marketing, information where to sell, credit from local bank, micro-finance, or savings groups)						1	1

What Agriculture Trainings Have People Participated In?

Subtheme	Subtheme2	Full Indicator	ASTR - IR	HARVEST II Total	IDE IPM	IRRI EPIC	RFF Total	SIIL ASM	Total Similarities
	Training	In the past six months, have you or anyone in your household participated in a project training?						1	1
	Training	In the past six months, have you or anyone in your household done the following: installed or expanded a rice field pond; applied project-promoted rice field pond mgt practices; built/restored/expanded a home garden or microgarden; applied project-promoted soil preparation planting, crop diversification or management techniques; applied project-promoted organic compost/fertilizer?	1						1
	Training	Type of Training participated in	1						1
	Training	Have you received any training related to IPM?			1	1			2
	Training	If yes, how many times have you received IPM training?			1	1			2
	Training	From whom did you receive the training? (DAE, PDA, National IPM Program, NGO, other)			1	1			2
	Training	Agency/Org that conducted Training	1		1	0.5			2.5
	Training	Who in your family normally attends training?				1			1
	Training	Who normally attends training sessions on pest management?			1				1
	Training	What topics would you like to learn about?					1		1
	Training	Have you participated in any trainings attended in the past 5 years on chemical use on rice	1						1
	Training	Have you participated in any trainings attended in the past 5 years on new rice varieties	1						1
	Training	Have you participated in any trainings attended in the past 5 years on seed selection	1						1
	Training	Have you participated in any trainings attended in the past 5 years on post-harvest technology	1						1
	Training	Have you participated in any trainings attended in the past 5 years on seed production	1						1
	Training	Have you participated in any trainings attended in the past 5 years on rice production	1						1
	Training	Have you participated in any trainings attended in the past 5 years on crop cultivation technique (vegetable, mushroom)	1						1
	Training	Have you participated in any trainings attended in the past 5 years on farmer's day	1						1
	Training	Have you participated in any trainings attended in the past 5 years on animal raising	1						1
	Training	Have you participated in any trainings attended in the past 5 years on using natural fertilizer	1						1
	Training	Have you participated in any trainings attended in the past 5 years on scholarship to children	1						1
	Training	Have you participated in any trainings attended in the past 5 years on rice disease	1						1
	Training	Have you participated in any trainings attended in the past 5 years on sex health	1						1
	Training	Have you participated in any trainings attended in the past 5 years on distribution of vegetable seed	1						1
	Training	Have you participated in any trainings attended in the past 5 years on laser land leveling	1						1
	Training	Have you participated in any trainings attended in the past 5 years on providing loan	1						1
	Training	Agency that provided the training? (NGO, government institution, private organization)	1						1

Similar Approach for RDI

1. Results data scraped for Agriculture and Health in Tanzania, Sri Lanka, and Ghana.
1. Categorized into four levels.

Goods and services disaggregated
by development partner

Actual goods and services
e.g. ARVs, feeder roads

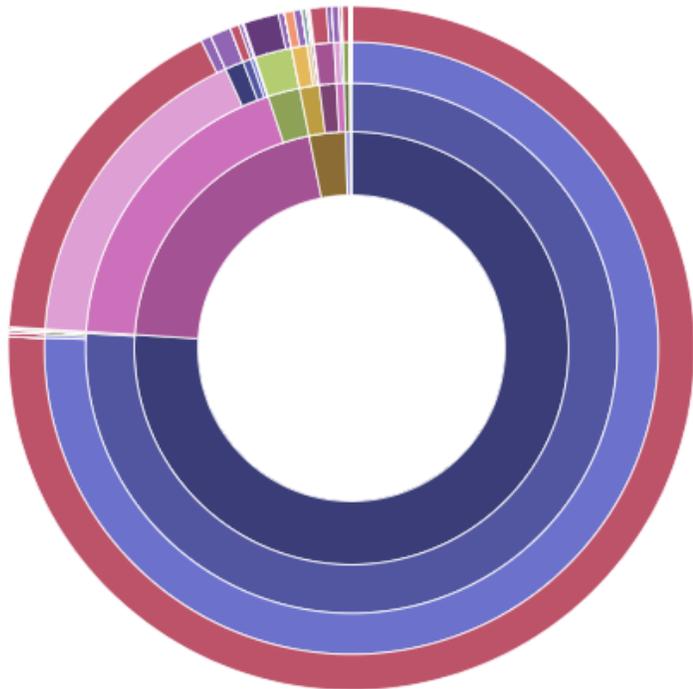
Thematic categories
e.g. infrastructure, sanitation

Overall output categories:
"goods" or "services."

How many water systems has WB constructed in Ghana?



23,975,771 Water systems constructed by WB



Able to explore various organizations efforts and results in an interactive visualization.

Found at -

rdi.developmentgateway.org

Uses of Thematic Tagging

- Easier to identify indicators of interest across portfolios & organizations.
- Identify projects where results and lessons learned could provide further insight through the evaluation report or contacting the organization.
- Identify data for cross-portfolio research.
- Identify the data collected by other organizations to identify and avoid overlap, and improve coordination.

Potential Future Applications

- Apply methodology to IATI results data.
- Algorithms and tools such as Machine Learning could speed up process for mapping data to themes on a large scale.
- Create tools that allow users to interact with, search for, and visualize results data.

Stay in touch!

Taryn Davis Holland: tdavis@developmentgateway.org

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Discussion Questions

- How are you using IATI results data (or what's stopping you?)
- What would make IATI results data more useful to you?
- How can the IATI community help?