WinS Monitoring Innovations

Presentations by Cambodia, Indonesia, and the Philippines

WASH
IN SCHOOLS
NETWORK

german cooperation
DEUTSCHE ZUSAMMENARBEIT

giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

unicef
for every child

Save the Children

WaterAid

The WinS Network

www.winsnetwork.org

Who we are?

Global inter-agency network

winsnetwork@giz.de

Objectives:

- ✓ To harmonize efforts in WinS
- ✓ To support ministries of Education to improve WinS services by aligning efforts among development partners and NGOs

Working streams:

- Advocacy, policy, and system strengthening
- Monitoring and reporting
- Research and evidence-building
- Gender including MHH
- WinS programming
- Knowledge management, capacity development, learning and exchange

Our core group members: UNICEF, GIZ, Save the Children, WaterAid, the WHO/UNICEF Joint Monitoring Programme (JMP), London School of Hygiene and Tropical Medicine, Emory University, UNESCO

Join as an individual or an organisation. See website for details!

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Meet your moderator

Belinda Abraham, Berlin

- MSc. International Development Planning,

- BA (International Development) and BSc.(Biology),

- *International Development Specialist,*

- *Over 25 years experience in the WASH and education sectors in Sub-Sahara Africa and Southeast Asia.*

Dr. Yung Kunthearith, Cambodia

Deputy Director of the Department of School Health of the Ministry of Education, Youth and Sports of the Royal Government of Cambodia.

More than 20 years in the area of health promotion in Cambodian schools.

Focal person on policies, regulations, strategies, and operational plan related to school health, including health education for school, since 1999

Minimum Requirements on WASH in Schools Cambodia

Dr. L. Manik Mustikohendro, Indonesia

- Statistician Madya Expert (Coordinator Substance Data and Statistic Education) at the Indonesian Ministry of Education, Culture, Research, and Technology.

- Bachelor's degree in Statistics from the Universitas Gadjah Mada Yogyakarta,

- Graduate degree in Geography, specializing in Spatial Planning

**Ministry of Education, Culture, Research and Technology
Republic Indonesia**

EDUCATION AND HEALTH ACCESS

In the Framework of National Development

L. Manik Mustikohendro
Statistician Expert Intermediate (Coordinator Data Substantion and Statistic Education)

Education Units in Indonesia

>25.000

<5000

Picture Density Number of Education Units per-Province

Education Units
437.221

Students
52.150.603

Teachers and Administrators
4.189.727

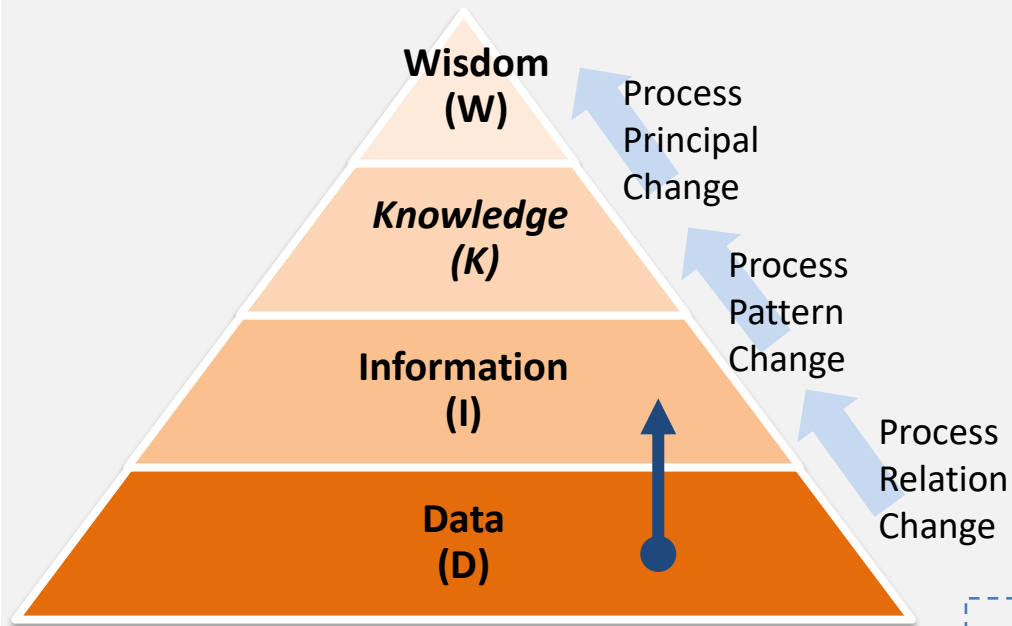| No.	Education Units	Number of Schools	Number of Students	Number of Teachers and Administrators
1	Early Childhood	205.130	6.177.479	686.842
2	Primary School	149.205	24.129.910	1.758.376
3	Junior High School	41.640	9.984.583	843.524
4	Vocational School	14.393	5.118.839	405.910
5	Senior High School	14.130	5.045.814	415.071
6	Community Learning Centre	10.485	1.550.624	46.766
7	Special Need School	2.238	143.354	33.238

Table Profile Education Units based on Level

SYSTEM DIMENTION MANAGEMENT DATA AND INFORMATION

Knowledge Management

Wisdom (W)

Knowledge (K)

Information (I)

Data (D)

Process Principal Change

Process Pattern Change

Process Relation Change
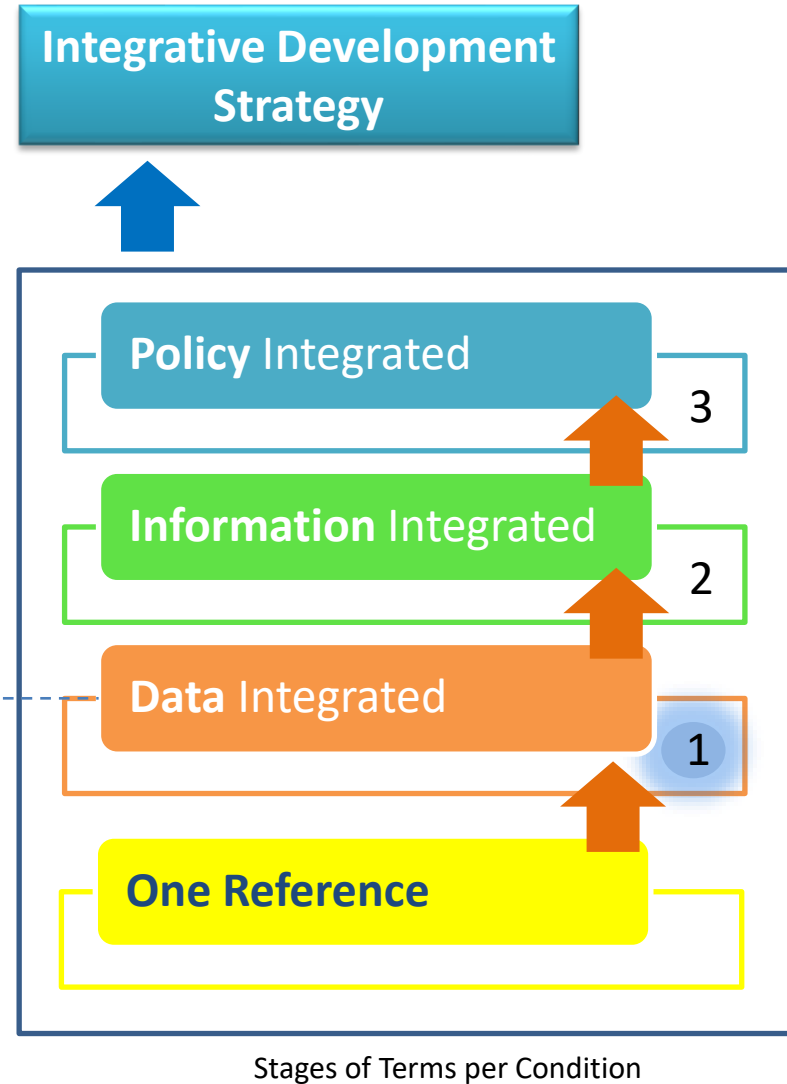
*) Rowley, Jennifer (2007). "The wisdom hierarchy: representations of the DIKW hierarchy". Journal of Information and Communication Science **33** (2): 163–180

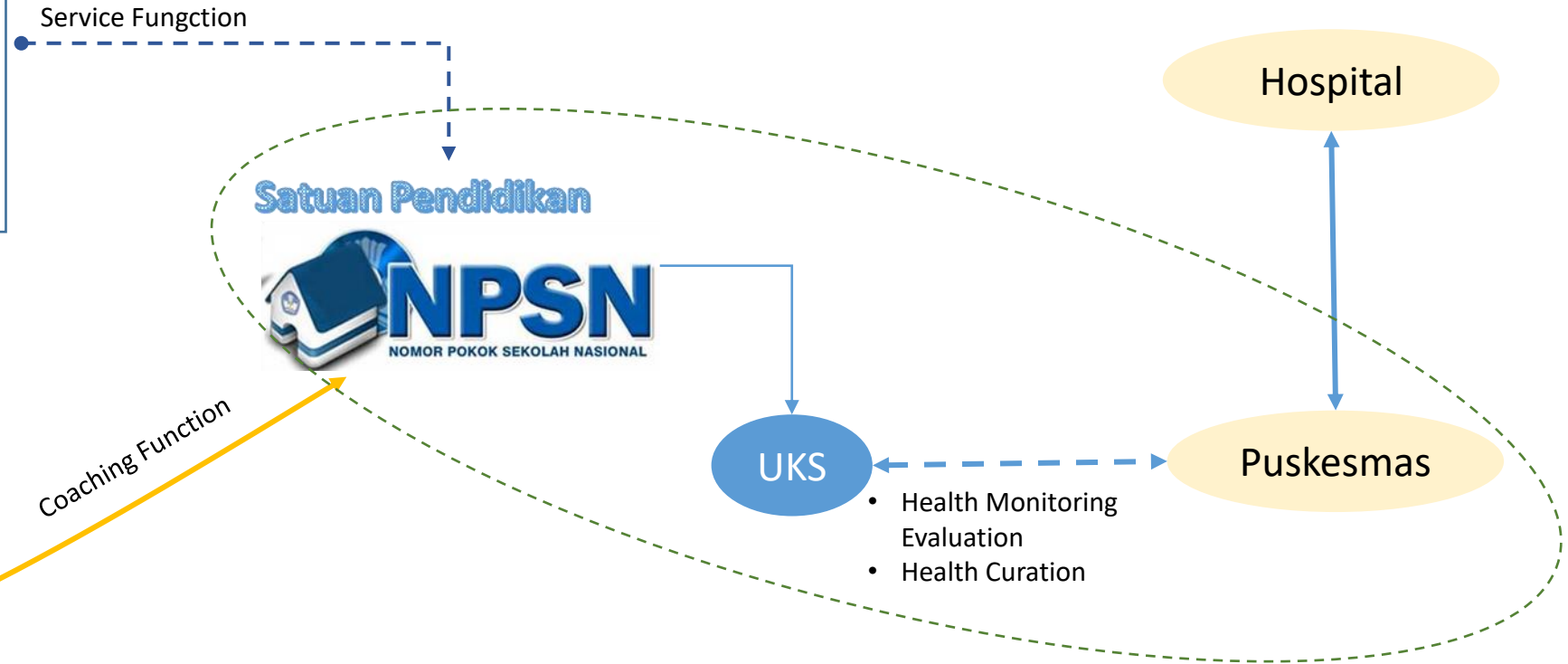Dapodik and PDDikti Integration
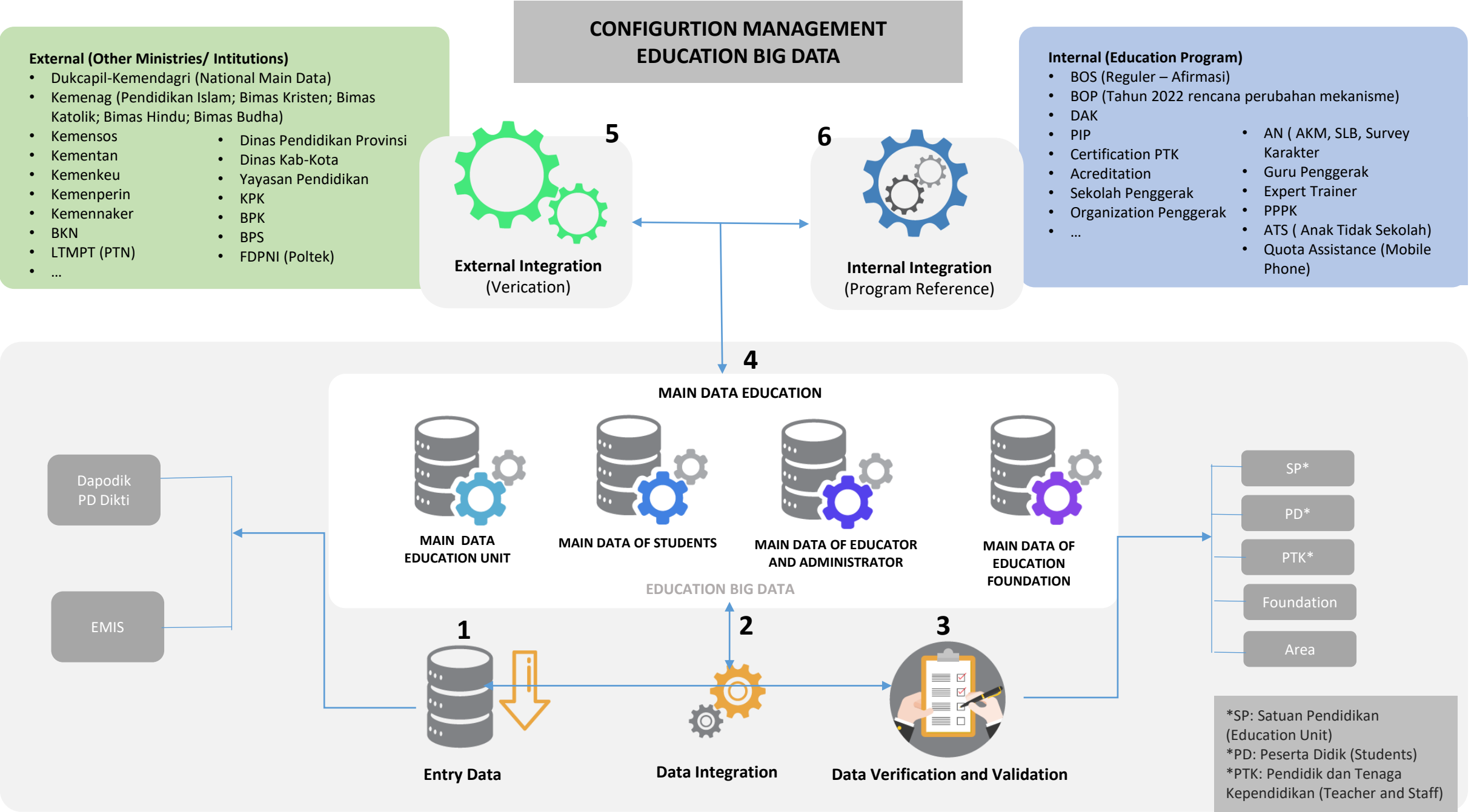
Derivatives Strategy of Development

Integrative Development Strategy

Policy Integrated 3

Information Integrated 2

Data Integrated 1

One Reference

Stages of Terms per Condition

Service and Coaching Service

- The school get coaching from which Puskesmas (Primary Health Center)?
- Puskesmas give coaching to which School?

Every Citizen Have Rights to Get Education

NIK = Nomor Induk Kependudukan

Service Fungction

Satuan Pendidikan

NPSN
NOMOR POKOK SEKOLAH NASIONAL

Coaching Function

NISN
NOMOR INDUK SISWA NASIONAL

Hospital

Puskesmas

UKS
- Health Monitoring Evaluation
- Health Curation

Education Unit Has Two Function:
1. Service Function   : to give service for every citizen to get education
2. Coaching Function   : to give coaching for community that trying to develop self potential through learning process that available in certain paths, levels, and types of education.

*on coaching process it will need budget/ funding that should be accounted based on legality (based on substantion)

CONFIGURTION MANAGEMENT EDUCATION BIG DATA

External (Other Ministries/ Intitutions)
- Dukcapil-Kemendagri (National Main Data)
- Kemenag (Pendidikan Islam; Bimas Kristen; Bimas Katolik; Bimas Hindu; Bimas Budha)
- Kemensos
- Kementan
- Kemenkeu
- Kemenperin
- Kemennaker
- BKN
- LTMPT (PTN)
- ...
  - Dinas Pendidikan Provinsi
  - Dinas Kab-Kota
  - Yayasan Pendidikan
  - KPK
  - BPK
  - BPS
  - FDPNI (Poltek)

Internal (Education Program)
- BOS (Reguler – Afirmasi)
- BOP (Tahun 2022 rencana perubahan mekanisme)
- DAK
- PIP
- Certification PTK
- Acreditation
- Sekolah Penggerak
- Organization Penggerak
- ...
  - AN (AKM, SLB, Survey Karakter
  - Guru Penggerak
  - Expert Trainer
  - PPPK
  - ATS (Anak Tidak Sekolah)
  - Quota Assistance (Mobile Phone)

5 **External Integration (Verication)**

6 **Internal Integration (Program Reference)**

4 **MAIN DATA EDUCATION**

MAIN DATA EDUCATION UNIT

MAIN DATA OF STUDENTS

MAIN DATA OF EDUCATOR AND ADMINISTRATOR

MAIN DATA OF EDUCATION FOUNDATION

EDUCATION BIG DATA

Dapodik PD Dikti

EMIS

SP*

PD*

PTK*

Foundation

Area

1 **Entry Data**

2 **Data Integration**

3 **Data Verification and Validation**

*SP: Satuan Pendidikan (Education Unit)
*PD: Peserta Didik (Students)
*PTK: Pendidik dan Tenaga Kependidikan (Teacher and Staff)

INTERNAL INTEGRATION COORDINATE WITH NATONAL SECRETARIAT OF SAFE SCHOOL

[Kesiapan Belajar (kemdikbud.go.id)](#)

Variables

Availability of sanitation, hygiene and health facilities with sub-variables related to WinS as follow:
1) Basic toilet with daily routine cleanliness (57,81%)
2) Handwashing with soap facilities with running water or hand sanitizer (58,19%)
3) Disinfectant (53,4%)

Having ability to access health care facilities such as Puskesmas, clinic, hospital, etc (51,42%)

Having COVID-19 task force in the education unit level (6,1%)

Have to do verification number of WhatsApp from responsible person at the education unit through website https://sekolahaman.kemkes.go.id/ or https://madrasahaman.kemkes.go.id/ and put QRCode PeduliLindungi application at in and out area of education unit (1,67%)

Give report about the level of compliance with the implementation of health protocols at education unit though aplication Bersatu Lawan COVID-19 (BLC) education unit (1,57%)

EXTERNAL INTEGRATION COORDINATE WITH MINISTRY OF HEALTH
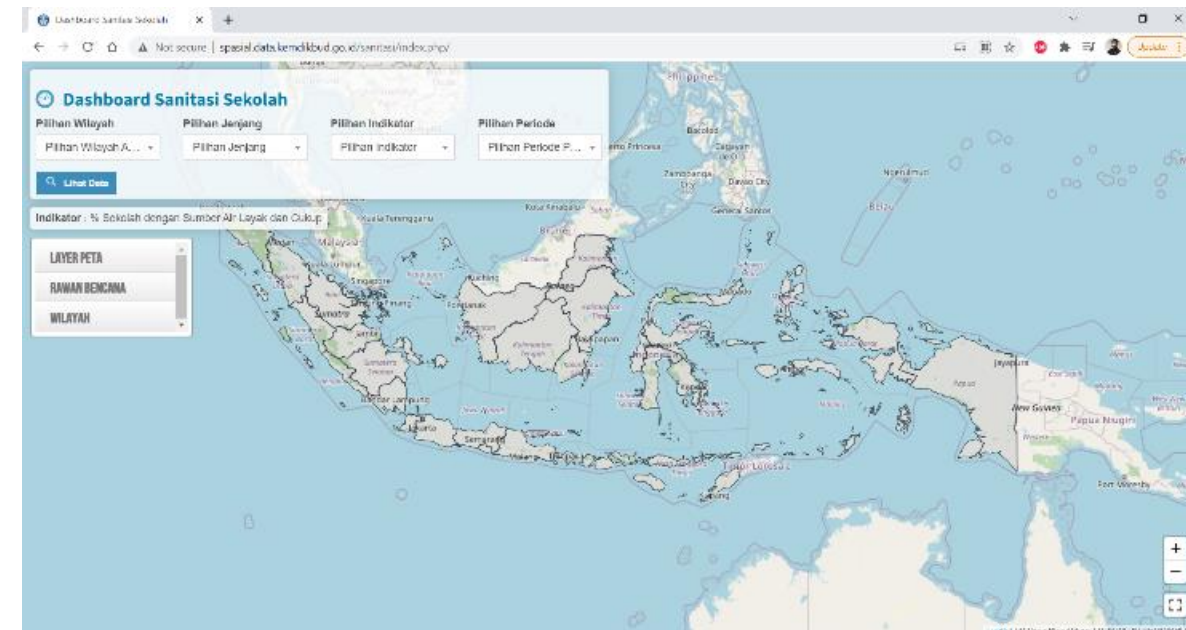
WinS Indicator SDGs: 2020 vs 2022

Mr Ubo Pakes, The Philippines

An environmental engineer

Employed as a GIZ/CIM Integrated expert at the Center of Environmental Informatics of the University of the Philippines in Cebu.

Member of the M&E team of the Regional Fit for School programme

Visualization and presentation of WinS data

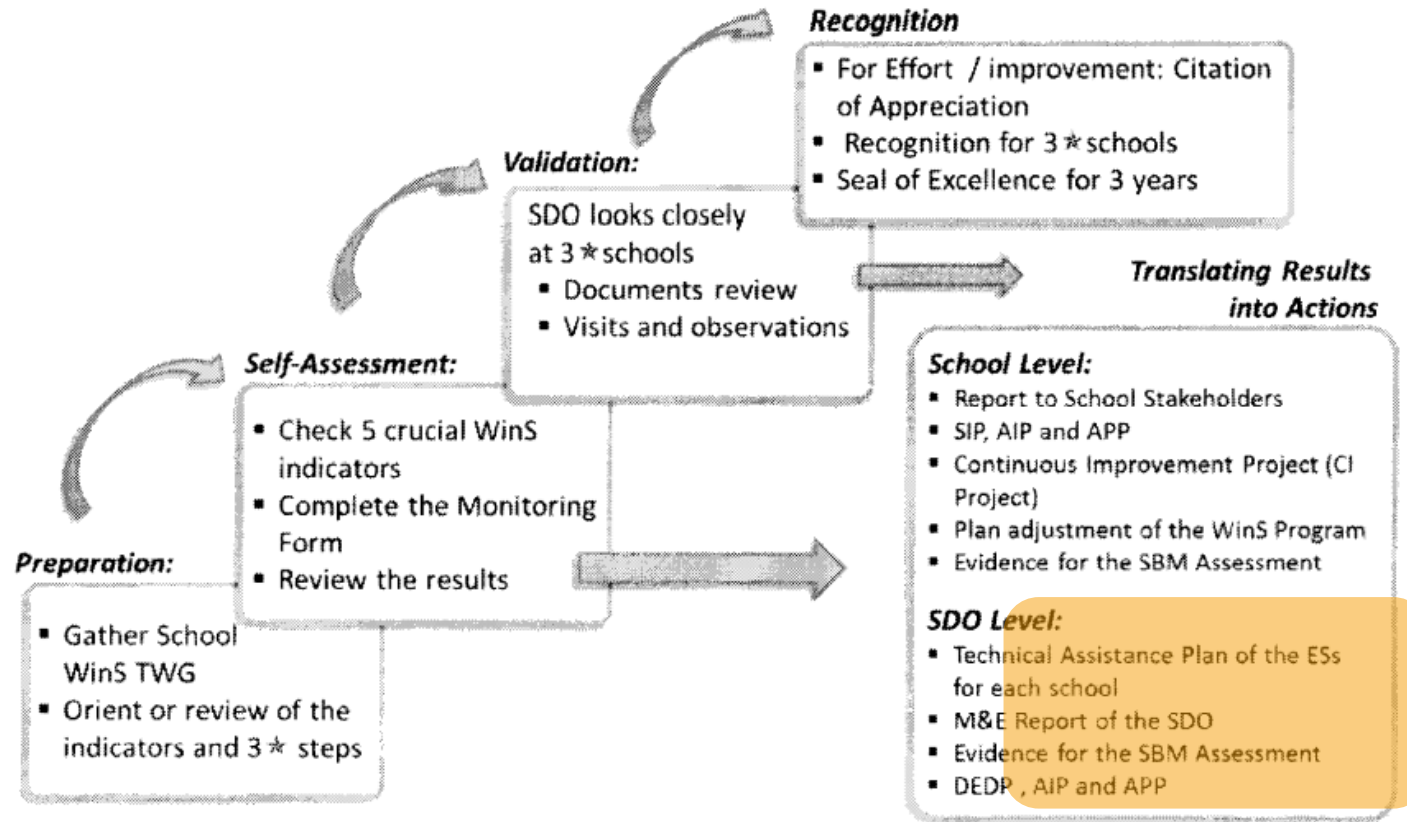**WinS Dashboard: Some experiences from the Philippines**
Ubo Pakes
Fit for School M&E Team

TSA WinS Implementation

STEPS of the THREE STAR APPROACH FOR WINS IMPLEMENTATION

DepEd Order No. 10, s. 2016 – Policy and Guidelines for the Comprehensive WinS Program

Recognition
- For Effort / improvement: Citation of Appreciation
- Recognition for 3 ☆ schools
- Seal of Excellence for 3 years

Validation:
SDO looks closely at 3 ☆ schools
- Documents review
- Visits and observations

Translating Results into Actions

School Level:
- Report to School Stakeholders
- SIP, AIP and APP
- Continuous Improvement Project (CI Project)
- Plan adjustment of the WinS Program
- Evidence for the SBM Assessment

Self-Assessment:
- Check 5 crucial WinS indicators
- Complete the Monitoring Form
- Review the results

SDO Level:
- Technical Assistance Plan of the ESs for each school
- M&E Report of the SDO
- Evidence for the SBM Assessment
- DEDP , AIP and APP

Preparation:
- Gather School WinS TWG
- Orient or review of the indicators and 3 ☆ steps

WinS Monitoring Dashboard

- DepEd moves to Power BI (Business Intelligence) as a tool for online data visualization and sharing
- Easy access to visualization of common/important WASH in Schools indicators.
- Contents:
  - Participation Rate
  - Overall Three-Star Rating
  - Crucial Indicators
  - Five Major Thematic areas (water, sanitation, hygiene, deworming & health education)
  - 17 Specific WinS Scoring points Indicators

Online available for 4 years: 2017-18, 2018-19, 2019-20 and 2020-21

Step 1: Select geographic area and themes to display

WinS MONITORING

WATER ★ SANITATION ★ HYGIENE ★ DEWORMING ★ HEALTH EDUCATION

WASH IN SCHOOLS
THREE STAR APPROACH

DepED
DEPARTMENT OF EDUCATION

YOUR SELECTION : SCHOOL YEAR 2020-21   //   ALL SCHOOLS   //   RO II   //   MULTIPLE DIVISIONS

WELCOME. Please select the region, division and school type you are interested in first.
Selected fields are marked black

Select a category below to find your information

SCHOOL LEVEL
■ Select all
■ Elementary
■ Secondary

REGION
■ Select all
☐ BARMM
☐ CAR
☐ CARAGA
☐ NCR
☐ RO I
■ RO II
☐ RO III
☐ RO IV-A
☐ RO IV-B
☐ RO IX

DIVISION ▽ ⬈
■ Select all
■ Batanes
■ Cagayan
■ Cauayan City
■ City of Ilagan
■ Isabela
■ Nueva Vizcaya
■ Quirino
■ Santiago City
■ Tuguegarao City

City of Ilagan

CATEGORY
▶ PARTICIPATION OF SCHOOLS
▶ TSA RATING
▶ COMPLIANCE TO ALL CRUCIAL INDICATORS
COMPLIANCE TO THE 5 SEPARATE CRUCIAL INDICATORS
▶ WINS THEMATIC AREAS
▶ SCORING POINTS STAR RATING
▶ INFECTION PREVENTION CONTROL

Page 1 of 36

− ▬▬▬● + 98%

Step 2: Inspect your data (and drill through)

PARTICIPATION OF SCHOOLS

WASH IN SCHOOLS
THREE STAR APPROACH

DepED
DEPARTMENT OF EDUCATION

YOUR SELECTION : SCHOOL YEAR 2020-21   //   ALL SCHOOLS   //   RO II   //   MULTIPLE DIVISIONS

Participation	No		Yes		Total	
School district	#	%	#	%	#	%
⊞	274	59.8%	184	40.2%	458	100
⊞ Abulug	3	12.0%	22	88.0%	25	100
⊞ Aglipay	5	13.9%	31	86.1%	36	100
⊞ Alcala East	7	38.9%	11	61.1%	18	100
⊟ Alcala West	5	62.5%	3	37.5%	8	100
Abbeg ES	1	100.0%			1	100
Afusing Batu PS	1	100.0%			1	100
Alcala West CES			1	100.0%	1	100
Alcala West CES - Cataraoan Annex	1	100.0%			1	100
Cabuluan ES			1	100.0%	1	100
Carallangan ES			1	100.0%	1	100
Malalatan ES	1	100.0%			1	100
Tamban ES	1	100.0%			1	100
⊞ Alfonso Castaneda			11	100.0%	11	100
⊞ Alicia East	12	100.0%			12	100
⊞ Alicia North	9	81.8%	2	18.2%	11	100

Participation of schools

● Yes ● No

44.6%

55.4%
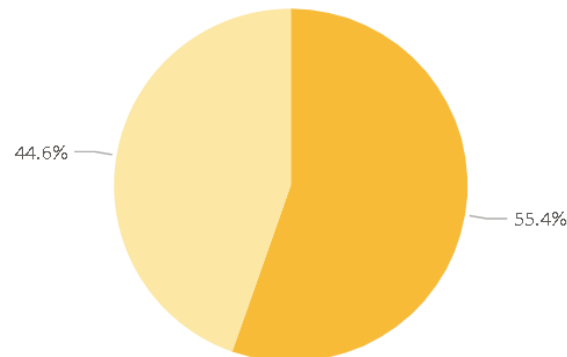
Participation	No		Yes		Total	
Division ▲	#	%	#	%	#	%
Batanes			27	100.0%	27	100.0%
Cagayan	324	39.9%	488	60.1%	812	100.0%
Cauayan City			83	100.0%	83	100.0%
City of Ilagan			105	100.0%	105	100.0%
Isabela	775	79.8%	196	20.2%	971	100.0%
Nueva Vizcaya	31	8.2%	345	91.8%	376	100.0%
Quirino	43	15.5%	234	84.5%	277	100.0%
Santiago City	29	65.9%	15	34.1%	44	100.0%
Tuguegarao City	18	45.0%	22	55.0%	40	100.0%
Total	**1220**	**44.6%**	**1515**	**55.4%**	**2735**	**100.0%**

Five crucial indicators

Please select the crucial indicator you are interested in.

SAFE DRINKING WATER	GENDER SEGREGATED TOILETS	GROUP HANDWASHING FACILITY WITH SOAP	DAILY GROUP HANDWASHING ACTIVITIES	ACCESS TO SANITARY PADS
3.4% / 96.6%	42.4% / 57.6%	29.6% / 70.4%	36.0% / 64.0%	18.4% / 81.6%
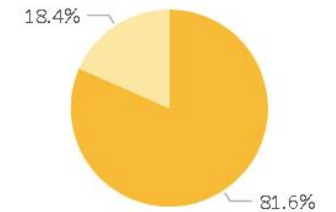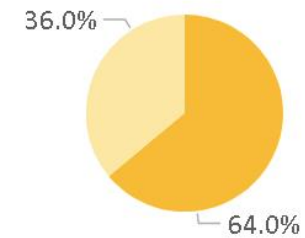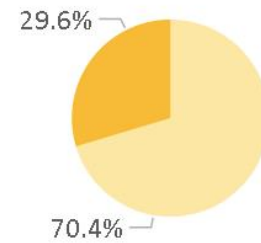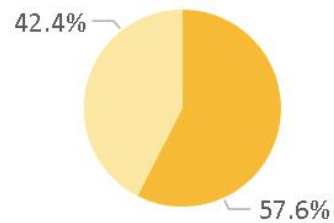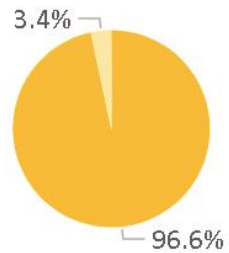
Five crucial indicators – With details

CRUCIAL INDICATOR GROUP HANDWASHING FACILITIES

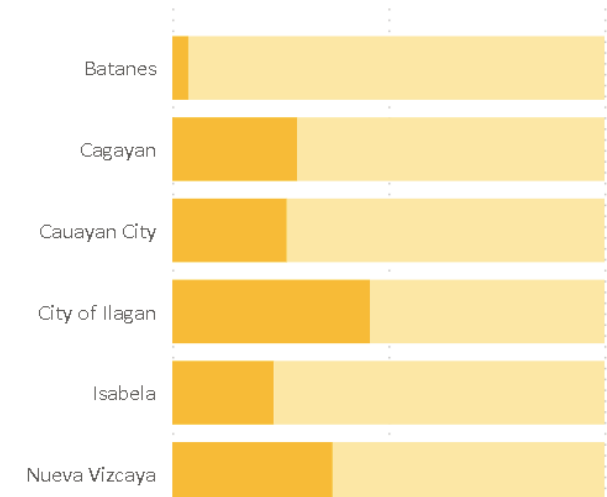YOUR SELECTION : SCHOOL YEAR 2020-21 // ALL SCHOOLS // RO II // MULTIPLE DIVISIONS

crucial_hs1	Yes		No		Total	
schooldistrict	#	%	#	%	#	%
⊞	48	26.1%	136	73.9%	184	100.0%
⊞ Abulug	8	36.4%	14	63.6%	22	100.0%
⊞ Aglipay	6	19.4%	25	80.6%	31	100.0%
⊞ Alcala East	2	18.2%	9	81.8%	11	100.0%
⊞ Alcala West			3	100.0%	3	100.0%
⊞ Alfonso Castaneda	5	45.5%	6	54.5%	11	100.0%
⊞ Alicia North	1	50.0%	1	50.0%	2	100.0%
⊞ Allacapan North	2	40.0%	3	60.0%	5	100.0%
⊞ Allacapan South	4	44.4%	5	55.6%	9	100.0%
⊞ Ambaguio	3	23.1%	10	76.9%	13	100.0%
⊞ Amulung East			7	100.0%	7	100.0%
⊞ Angadanan West	1	6.3%	15	93.8%	16	100.0%
⊞ Aparri East	3	75.0%	1	25.0%	4	100.0%
⊞ Aparri South Educational Zone	1	16.7%	5	83.3%	6	100.0%
⊞ Aparri West	1	9.1%	10	90.9%	11	100.0%
⊞ Aritao East	7	53.8%	6	46.2%	13	100.0%
⊞ Aritao West	6	54.5%	5	45.5%	11	100.0%

C.I. - Group Handwashing Facilities

449 (29.6%)

1066 (70.4%)
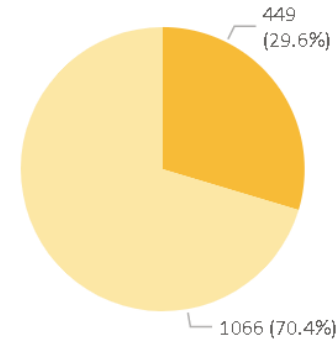
SCHOOL DIVISION LEVEL

crucial_hs1 ● Yes ● No

Batanes

Cagayan

Cauayan City

City of Ilagan

Isabela

Nueva Vizcaya

Needs change, therefore dashboards change

Infection Prevention Control-related WINS indicators

WASH IN SCHOOLS THREE STAR APPROACH

DepED DEPARTMENT OF EDUCATION

YOUR SELECTION : SCHOOL YEAR 2020-21 // ALL SCHOOLS // RO II // MULTIPLE DIVISIONS

School id & name	Overall TSA	- Water	Segg toilets	HW fac	GHW Act	San. pads	- studs/outlet	studs/cr	- HW-Water	HW-Soap	- WINS in SIP	Soap by MOOE	Clean. mat by MOOE	Repair by MOOE
				Crucial Indicators			ratio of students per unit(1)		Availabile for handwashing and cleaning		Mgmt parameters (2)			
102323 - San Vicente Barrio School	No Star	Yes	No	No	No	Yes	6	38	Yes	Yes	Yes	Yes	Yes	Yes
102324 - Uyugan ES	No Star	Yes	No	No	Yes	Yes	999	15	Yes	Yes	Yes	Yes	Yes	Yes
102327 - Nakanmuan Barrio School	No Star	Yes	No	No	No	Yes	9	9	Yes	Yes	Yes	Yes	Yes	Yes
102331 - Abulug CS	No Star	Yes	No	No	Yes	Yes	16	30	Yes	Yes	Yes	Yes	Yes	Yes
102332 - Alinunu ES	No Star	Yes	No	No	No	No	25	30	Yes	No	Yes	Yes	Yes	Yes
102333 - Bagu ES	No Star	Yes	No	No	Yes	Yes	7	26	Yes	Yes	Yes	Yes	Yes	Yes
102334 - Banguian ES	No Star	Yes	No	No	Yes	Yes	36	10	Yes	Yes	Yes	No	No	No
102338 - Dana-ili ES	No Star	Yes	No	No	No	Yes	15	999	No	Yes	Yes	Yes	Yes	Yes
102340 - Guiddam ES	No Star	Yes	No	No	Yes	No	12	25	Yes	Yes	Yes	No	Yes	Yes
102341 - Libertad ES	No Star	Yes	No	No	Yes	No	58	29	No	Yes	Yes	Yes	No	No
102343 - Macugay ES	No Star	Yes	No	No	Yes	Yes	23	20	Yes	No	Yes	No	Yes	Yes
102344 - Muru ES	No Star	Yes	No	Yes	Yes	No	22	22	Yes	Yes	Yes	Yes	Yes	Yes
102345 - Pinili ES	No Star	Yes	No	No	No	No	8	17	Yes	Yes	Yes	No	Yes	Yes
102347 - San Julian ES	No Star	Yes	No	No	Yes	Yes	47	12	Yes	Yes	Yes	Yes	Yes	Yes
102348 - Sawang ES	No Star	Yes	No	No	Yes	Yes	999	20	Yes	Yes	Yes	Yes	Yes	Yes
102349 - Simayung ES	No Star	Yes	No	No	Yes	Yes	14	999	No	Yes	Yes	Yes	Yes	Yes

98%

Spin off – Support for fundraising/LGU support
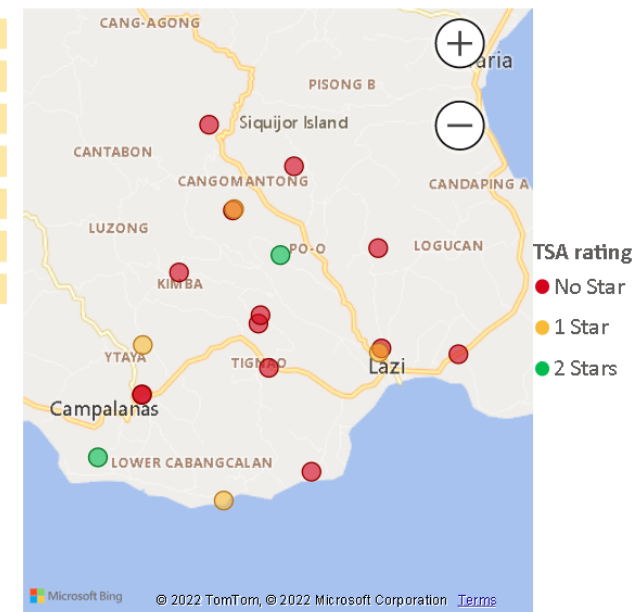
Areas where an LGU could support the school

REGION : RO VII // PROVINCE : SIQUIJOR // MUNICPALITY : LAZI

Drinking water at the school is:

School name	Availability	Safe and tested
Cadoldolan Elementary School	Always available	Yes
Campalanas Elementary School	Always available	No
Campalanas National High School	Always available	Yes
Cangclaran Elementary School	Always available	Yes
Cangomantong Elementary School	Always available	Yes
Capalasanan Elementary School	Irregular available	Yes
Dapdap Elementary School	Always available	Yes
DepED-Lazi National Agricultural School	Always available	No
Gabayan Elementary School	Always available	Yes
Kimba Elementary School	Irregular available	No
Kinamandagan Elementary School	Always available	No
Kinamandagan High School	Irregular available	Yes
Lazi Central School	Always available	No
Leon Parami High School	Irregular available	No
Po-o Elementary School	Always available	No
Simacolong Elementary School	Irregular available	Yes
Tagmanocan Elementary School	Always available	Yes

HAndwashing information

School_name	Water for cleaning and HW	Regular soap supply	# group hw fac.	#students per outlet	Extra outlets needed
Cadoldolan Elementary School	Always available	Yes	1	9	0
Campalanas Elementary School	Irregular available	No	0	57	1
Campalanas National High School	Always available	Yes	1	45	0
Cangclaran Elementary School	Always available	Yes	1	8	0
Cangomantong Elementary School	Always available	Yes	0	11	0
Capalasanan Elementary School	Irregular available	Yes	2	6	0
Dapdap Elementary School	Irregular available	Yes	1	8	0
DepED-Lazi National Agricultural School	Irregular available	Yes	4	32	0
Gabayan Elementary School	Always available	No	1	7	0
Kimba Elementary School	Irregular available	Yes	2	2	0
Kinamandagan Elementary School	Always available	Yes	0	13	0
Kinamandagan High School	Irregular available	Yes	1	9	0
Lazi Central School	Always available	Yes	4	22	0
Leon Parami High School	Irregular available	Yes	0	127	3
Po-o Elementary School	Irregular available	Yes	2	12	0

Lessons learned

- Transparency of performance triggers action on school ground and within the system
- Transparency of WinS management on School, Division and Regional level is a systems approach and goes far beyond individual school level
- Publishing data and recognition of achievements work!
- Dashboards support data driven decision making and allocation of resources
- User orientation is an ongoing process
- Policies are dynamic and dashboards should follow
- Dashboards for standard situation, additional analysis capacity remains needed, but:

- **Keep it simple!! (additional features can be added later!)**

Reflections by Dr. Bella Monse, GIZ/ WinS Network

- Dentist by training

- PhD degree in Global Oral Health from Radboud University of Nijmegen, the Netherlands.

- 2011- present, GIZ Fit for School Programme to support Ministries of Education.

- 2016- present, GIZ Sector program Sustainable Sanitation and co-leads the working group on 'WASH in Institutions' at the SuSanA Network
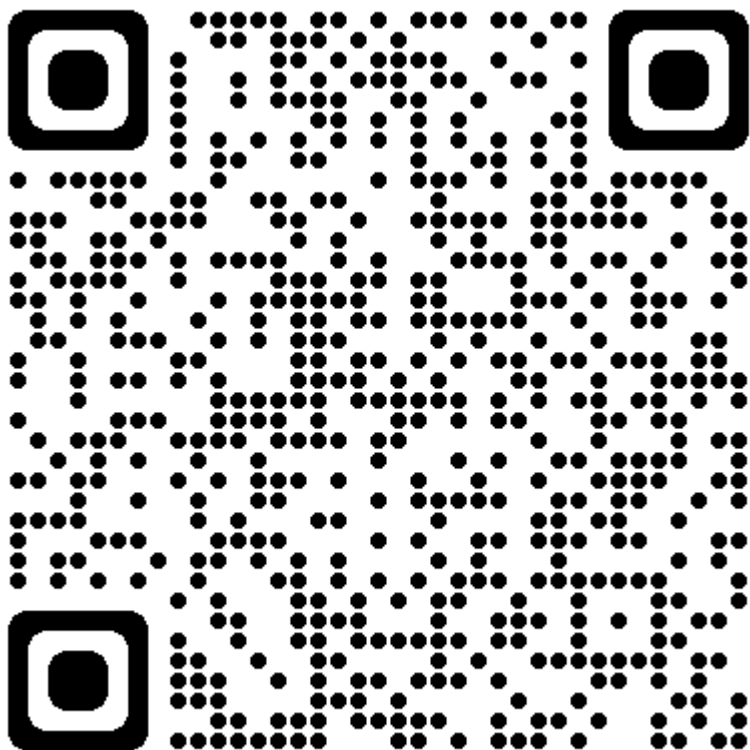
- 'Program Guidance' in the Global WinS Partnership Network
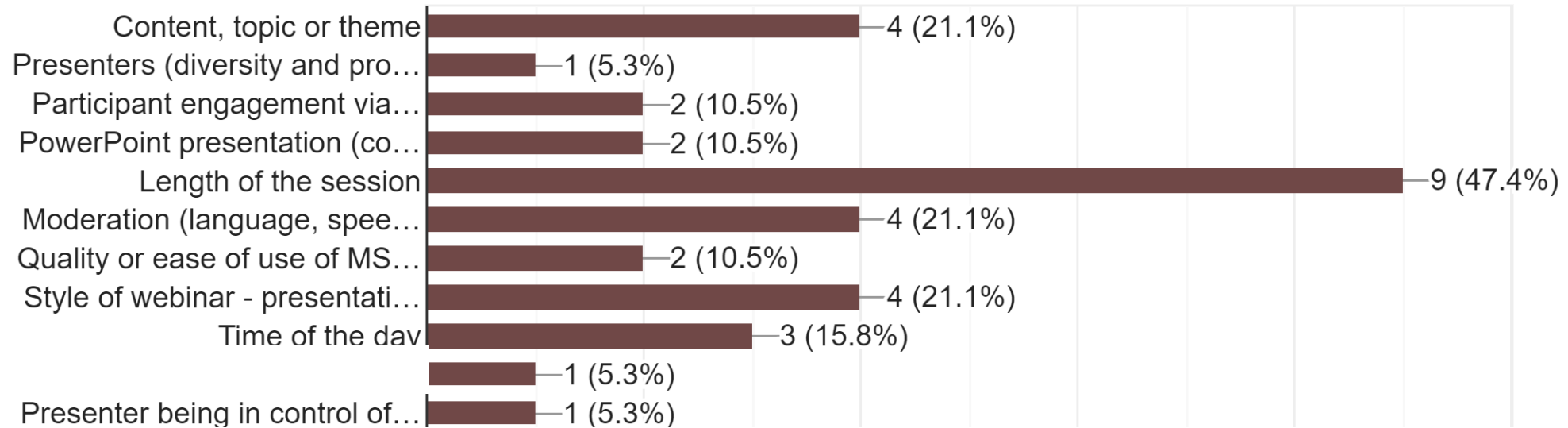
Give us your feedback, please?

Thank you for joining today!

What more would you like to learn or discuss in the Webinar Series?

https://forms.gle/4ChNKCrDibrv45Ef7

Next webinar in June:

Advocacy during a pandemic: Featuring strategy development, fundraising, and monitoring from Ghana, Kenya, India, and Mozambique