

WHO-RTG CCS 2022-2026 *on* Converge Digital Health



GBDI



มูลนิธิสาธารณสุขแห่งชาติ (มสช.)
National Health Foundation



Executive Committee Meeting
6th January 2023

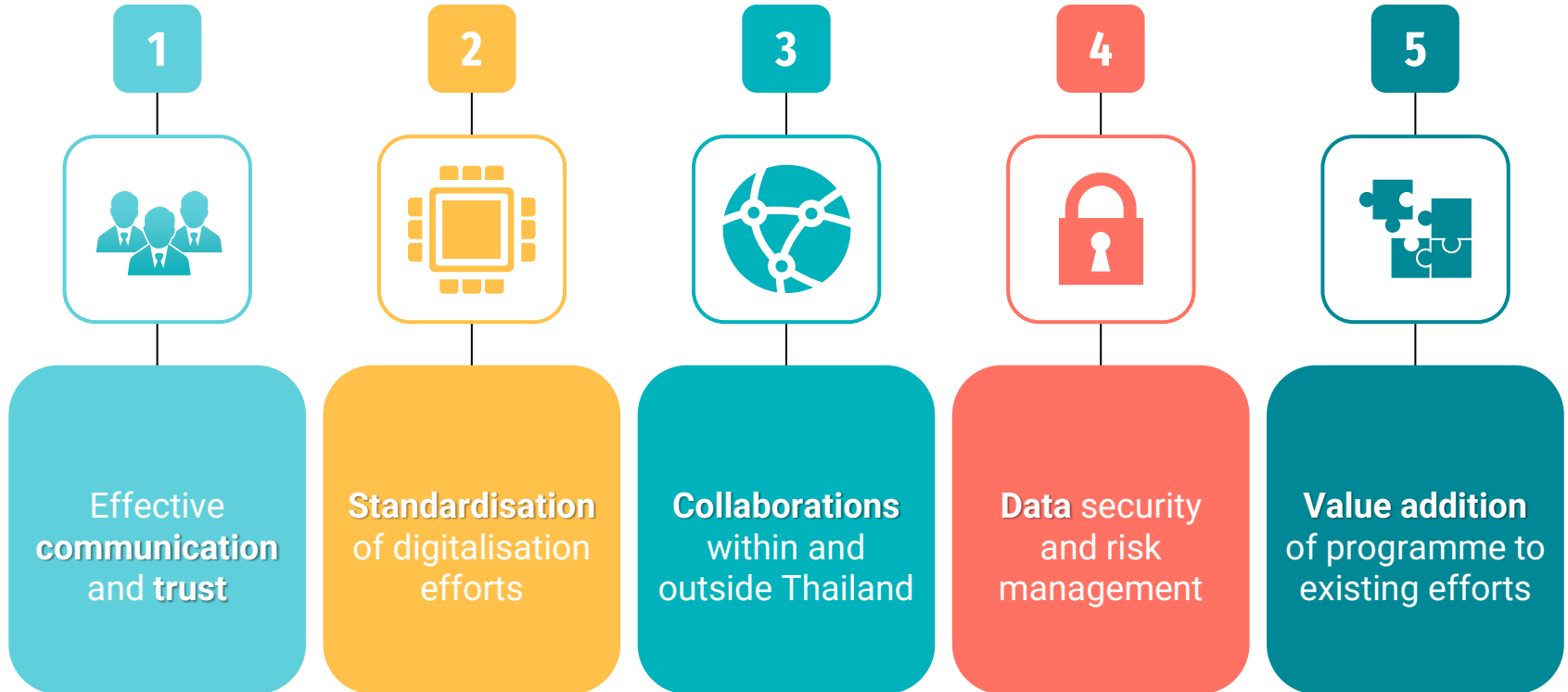


Overall Goal

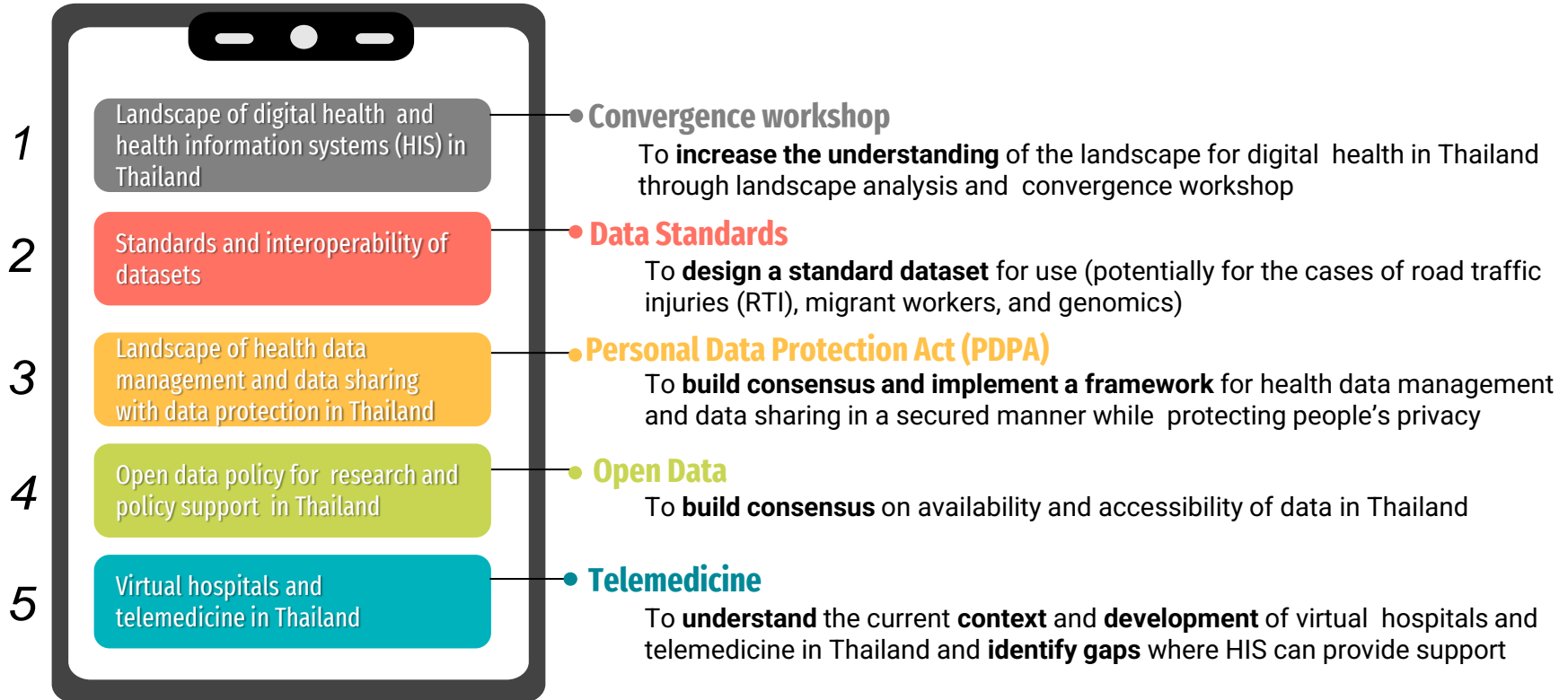
To create **a collaborative digital health governance** mechanism to support the development of Thailand's digital health and integrated health information systems with the support of the World Health Organization (WHO)

This goal will be achieved through **five focus areas**, which are based on the **seven building blocks** of a digital health system and align with the priorities outlined by the Thai Ministry of Public Health (MoPH) in its **eHealth strategy**

Guiding Principles



Recap: Focus Areas & Objectives



TODAY...



1

General Update

Learning about digital health initiatives in Thailand

2

Progress Report and Proposed Workplan

Progress report on Year 1 Proposed workplan and budget for Year 2 for focus areas

3

Discussion

Challenges and Opportunities

Learning about digital health initiatives in Thailand

Establishment of possible governance bodies in relation to Digital Health Governance

– Health Reform 1 initiative to establish **National Digital Health Committee** (Signed by **Prime Minister 2022**)

– Ministry of Public Health, Digital Health Governance body (2022)

(Shared by **Vice Minister of Public Health, Dr.Sophon Mekthon**)

Subcommittee on Data Standard, AI innovation, Big Data, Telehealth

Secretariat: Digital Health Division (Spin out from Strategic and Planning Division)

Permanent secretary, Dr.Opart Karnkawinwong → Digital Health Actions at Hospital

Figure taken 10th August 2565 [สธ.ประชุมร่วม คกก.ปฏิรูปประเทศด้านสาธารณสุข จัดตั้ง "หน่วยงานสุขภาพดิจิทัลระดับชาติ" | Hfocus.org](#) [เจาะลึกระบบสุขภาพ](#)

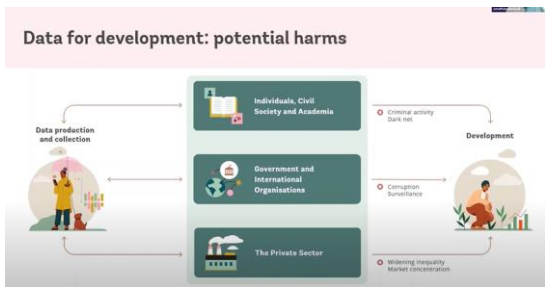


March 5, 2022 (International Open Data Day)
Webinar 1: Open House with Open Data

Webinar Series:
Digital Health for an innovative, transparent and accountable society in Thailand
Webinar 1: Open House with Open Data

OPENING REMARKS

Speakers:
Clinical Professor Emeritus Udom Kachitvong, M.D.
Dr. Supan Weethan
Dr. Jee Vardetser
Dr. Piyapornwongchai
Thaknate Chintana, M.D.
March 5, 2022 09:00 - 11:00 AM (Bangkok, GMT+7)
REGISTER NOW



March 11, 2022
Information Session: Digital Health & Health Information System Initiatives in Thailand

วันศุกร์ที่ 11 มีนาคม 2565 Zoom Meeting ID: 941 5951 8723 Passcode: 525193
เวทีแลกเปลี่ยนเรียนรู้
Information Session: Digital Health & Health Information System Initiatives in Thailand

Speakers:
ดร. นพ.สุวิทย์ เจริญเลิศ
ดร. นพ.วิวัฒน์ สอนสุข
ดร. นพ.สุวิทย์ ธีระธวัช
นายแพทย์ กฤษณ์
นางสาว ปณิศา

รวบรวมข้อมูลผู้ป่วยจากโรงพยาบาล

ตั้งข้อมูลผู้ป่วย

มีหมอแพทย์ทุกที่อย่างรวดเร็วเพื่อประชาชนและสามารถ

ประโยชน์และมีความปลอดภัยรวดเร็วและค่าใช้จ่ายในการตรวจรักษาโดยไม่มี

ลดความเสี่ยง โดยแพทย์ตรวจสอบประวัติเบื้องต้นได้ทันที กรณีรักษาฉุกเฉิน

ลดความเสี่ยงในการไปโรงพยาบาลโดยรับที่ปรึกษาผ่าน Telemedicine

190 line new 2564

สถานที่ของโครงการ Health ระยะที่หนึ่ง

- โรงพยาบาลเข้าร่วมแล้วจำนวนมากและเตรียมพร้อมเชื่อมโยงกับ Gateway ของ ก.ส. เพื่อครอบคลุมอย่างน้อย 50% ของ รพ. จังหวัด
- เริ่มต้นไปไม่ช้าสำหรับผ่าน Influencer ด้วยยอด View รวมกว่า 500,000

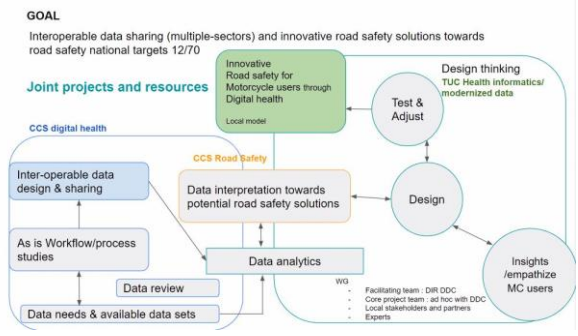
Total registrants: 140
Total participants joining live session: 165

Registrants represented 3 countries

- 137 from Thailand
- 1 from the UK
- 2 from the US

March 7, 2022
Information sharing and stakeholder discussion: Road Traffic Injuries (RTI)

Official meeting between
SPD, HITAP, DDC, RTI-D MOPH and Road Traffic Injury Working Group
(both current and former WHO-CCS Road Safety programs)



Presentation delivered by Dr. Pathai Singham

1 General Update

March 18, 2022

Stakeholder Public Hearing 1/2022:

The development of an integrated Digital Health and Health Information System (holistic approach) 1/2022



Members from ConvergeDH programme had participated in the public hearing and stakeholder consultation to

- Understand and support the mission of National Health Reform Committee
- Share and exchange perspectives on ideology of integrated system and National Digital Health Agency (NDHA)
- Promote collaborative and systematic approach, governance mechanism
- Align workplan with Big Rock 6

August 3-4, 2022

Big Rock 1: Health Security

Ending Pandemic through Innovation (EPI)

Members from ConvergeDH programme had participated in the focus group discussion and stakeholder consultation to

- Understand and support the mission of National Health Reform Committee
- Learn about the work progress of Big Rock 1 committee
- Promote collaborative and systematic approach, governance mechanism
- Explore potential of develop Convergence workplan which can align with and complement the mission of Big Rock 1 in the sphere of EPI (Digital Health System)



ที่มา: เอกสารการนำเสนอโดย ผศ.พญ. ปฐมพร ศิริประภาศิริ การปฏิรูปประเทศด้านสาธารณสุข
Big Rock 1: Ending Pandemic through Innovation "Digital Health System"

August 17, 2022

Webinar 2: Artificial Intelligence (AI) in Health and the Quest to Empower our Health Systems

Webinar Series:
Digital Health for an innovative, transparent and accountable society in Thailand
Webinar 2: Artificial Intelligence (AI): AI in Health and the Quest to Empower our Health Systems
Key topics:
• AI trends to watch out for Digital Health
• AI in Convergence: Disease from Development to Prevention
• Learning from Global to Local: AI Implementation for Clinical Performance Improvement in Thailand
17 August, 2022
10:00-11:30 AM (Bangkok, GMT+7)
REGISTER NOW
Dr. Prachya Boonkwan
Researcher
National Electronics and Computer Technology Center (NECTEC), Thailand
Assoc. Prof. Dr. Worapan Kusakunniran
Faculty of Information and Communication Technology, Mahidol University, Thailand
Dr. Jasper Tromp
National University Singapore, Saw Swee Hock School of Public Health, Singapore
Assist. Prof. Dr. Leesa Lin
London School of Hygiene & Tropical Medicine
Dr. Paisan Ruamvibulsuk
Rajavith Hospital, Thailand

Registrant demographics

Total registrants: 118

Total participants joining live session: 89

Key message to note

Barriers to AI technology implementation identified include data privacy concerns, lack of system integration, financial concerns, impersonal care delivery, reimbursement issues, increased workload etc.

2022 Progress Report & 2023 Proposed Workplan

Focus Areas 1-3: Convergence Workshop & Data Standards & PDPA



1: Convergence Workshop

- **Convergence Workshop** was postponed due to “**shared vision**” established among key parties
- The **Convergence Workshop** activity is proposed to be part of “**Digital Health Forum**” organised by the Digital Health Division, Ministry of Public Health in mid-2023.



2: Data Standards

- **Road Traffic Injuries (RTI)** (DDC-RTI Network)
- **Migrant Health** (WHO CCS Migrant Health-SPD-DHD-DHEHS)
- **Genomics** (DMSc) are on-going as planned with partial support need from WHO/THF or other supporting organisations



3: Personal Data Protection Act (PDPA) activities will be conducted by **Senator on Sub-Committee on Digital Health** (Dr.Nawanan & Dr.Boonchai are on the Sub-Committee)

2022 Progress Report & 2023 Proposed Workplan

Focus Area 4: Open Data's Progress & Year 2 Plan

Year 1 ✓

- Current **situational analysis** of open health data in Thailand (Strengths, Weaknesses, Opportunities, Threats)
- Obtained **EC approval**
- **Key stakeholders** to support open health data movement

Year 2 

- Start **Community of Practice** to support open health data movement
- Conduct a **case study** to illustrate how open health data can be initiated in an organisation (e.g., case of data from Department of Medical Sciences)

Year 3-5

- Working towards making **open health data** a reality
- Providing timely and relevant **evidence for relevant stakeholders**

Core Principles

Transparent

Relevant

Collaborative

Safe

2022 Progress Report & 2023 Proposed Workplan

Focus Area 5: Telemedicine's Progress & Year 2 Plan

Year 1 

- **Definition** of digital health
- **Definition** of telemedicine
- Preliminary analysis of UCS' telemedicine data on **patterns of usage**
- Review of **M&E frameworks** for telemedicine

Year 2 

- **Best practices** nationally and internationally (learning from the past and present)
- Allowing use of **data** to inform/support telemedicine policy

Year 3-5

- Working towards **supporting policy-making process** for virtual care in Thailand
- Providing timely and relevant **evidence for decision-makers**

Core Principles

Timely

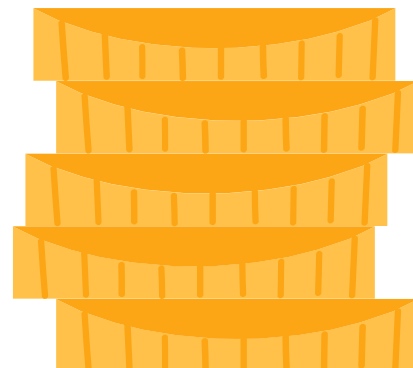
Relevant

Collaborative

Participatory

Financial Summary

Proposed Budget for Year 2 (2023)



Focus Area	Proposed Budget	
1. Convergence Workshop	1,000,000 baht	}
2. Data Standards	1,000,000 baht	
3. PDPA	-	
4. Open Data	2,000,000 baht	}
5. Telemedicine	7,000,000 baht	
		Funding Gap (2.27 MB)
		Thai Health (1.10 MB)
		Carry forward from Year 1 (0.63 MB)
		HSRI (7 MB) Bilateral contract

Challenges in Year 1 → Opportunities for Year 2

Changing context & relevant questions

Context

Fast and continuously **changing context** of digital health



1

Access

Limited access to data and relevant documents



2

Finance

Limited financial support (relying on external funding)



3

Collaborations

Several existing and emerging stakeholders: how to engage and work with all effectively and efficiently



4



Thank you !

