



มูลนิธิสาธารณสุขแห่งชาติ (มสช.)
National Health Foundation



WHO-RTG CCS 2022-2026

on Converge Digital Health



January 2024

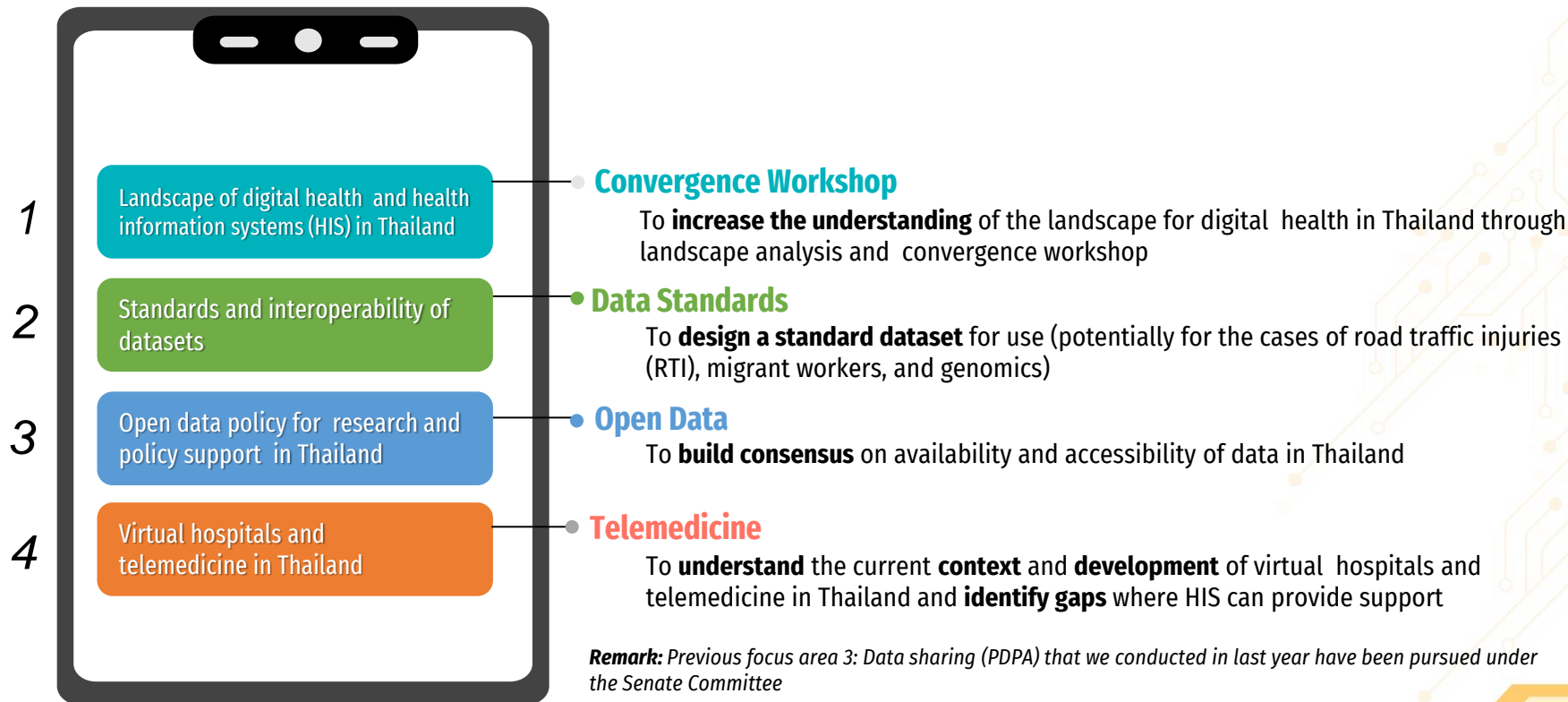


Overall Goal

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 **four 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**

Recap: Focus Areas & Objectives



TODAY...



1

Progress Report

Achievements during Year 2

2

Proposed Workplan

Plans for Year 3

3

Financial Report

Financial Summary of Year 2 and Year 3

4

Lessons learned

Progress Report

Achievements during Year 2

2023 Progress Report: Digital Health Forum



21-22 August 2023, Nonthaburi; 500 participants

2023 Progress Report: Data standards - Genomics

Digital platform designed for reporting genetics laboratory results “Phukphan”

Precision Medicine

Genetics + Environment + Lifestyle



- ♦ drug selection
 - ♦ dosage adjustment
 - ♦ treatment planning
 - ♦ disease prevention
- tailored to each individual patient

Pharmacogenetics Laboratory

The Department of Medical Sciences provides pharmacogenetic testing services to patient before initiating medication.

There are four types of testing:

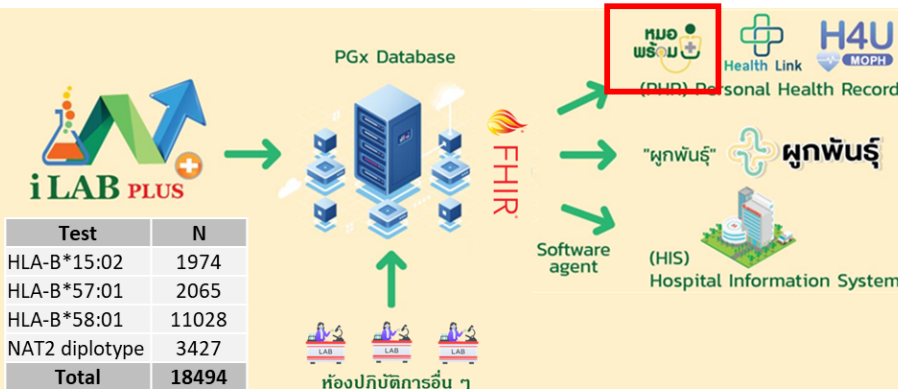
- HLA-B*58:01 Testing for Gout Treatment (15% Prevalence)
- HLA-B*15:02 Testing for Epilepsy Treatment (8% Prevalence)
- HLA-B*57:01 Testing for HIV Treatment (4% Prevalence)
- NAT2-Diplotype Testing for Tuberculosis Treatment



SJS/TEN

Treatment Costs:
40,000 - 100,000 Baht/Person

On process

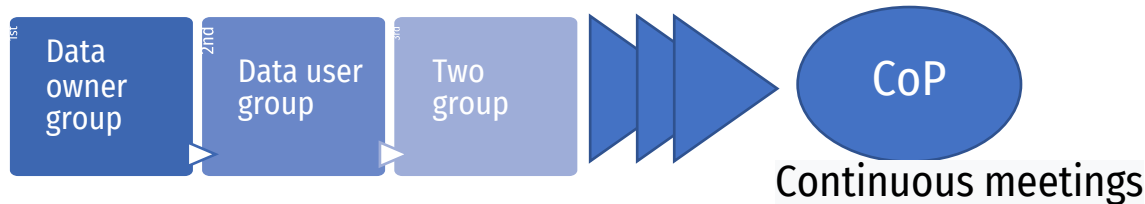


PLAN and PROGRESS



2023 Progress Report: Open data

- Draft manuscript on situational analysis
- Open Data Day Webinar
 - Policy Briefs in Thai and English
- Create a Community of Practice (CoP)
- Meeting on “the exchange and dissemination of health information”
Data owner group (including DGA, GBDi, DMS, etc).



2023 Progress Report - Telemedicine stakeholders meeting on October 26, 2023

- Presented preliminary study results and formulated policy recommendations with policymakers and various stakeholders that will drive the development of telemedicine services in Thailand
- Organised a knowledge exchange session focusing on the development and provision of telemedicine services with experts from India and Singapore.
- Please access to explore the detail in link:
<https://www.thecoverage.info/news/content/5660>



Exploring Digital Health and Telemedicine Practices:

A Study Visit to Singapore on 2-4 August 2023

- Utilise insights from telemedicine experiences in various settings to avoid past errors.
- A study visit to Singapore was essential to understand their **telemedicine implementation** and promote dialogue between Thai and Singaporean stakeholders.
- **Key sites visited** during the study visit:
 - TRUST platform
 - Synapse
 - Health Promotion Board
 - Health Regulation Group
 - National University Heart Centre, Singapore
- The session offered valuable **cybersecurity insights and shared best practices** in healthcare security.



2023 Progress Report: General update

Cloud First policy approved on 22 Dec 2023



รมว.ดีอี ฤกษ์บอร์ดีดีอี เดินหน้าแนวทาง
การขับเคลื่อน Cloud First Policy

รมว.ดีอี ฤกษ์บอร์ดีดีอี เดินหน้าแนวทางการขับเคลื่อน
Cloud First Policy

วันนี้ (22 ธันวาคม 2566) นายประเสริฐ จันทรรวงทอง รัฐมนตรีว่าการกระทรวงดิจิทัลเพื่อเศรษฐกิจและสังคม (รมว.ดีอี) เป็นประธานการประชุมคณะกรรมการดิจิทัล เพื่อเศรษฐกิจและสังคมแห่งชาติ (บอร์ดดีอี) เดินหน้าแนวทางการขับเคลื่อน Cloud First Policy ต่อยอดและขยายผลการใช้งาน Digital ID พร้อมไฟเขียว (ร่าง) นโยบายและแผนระดับชาติว่าด้วยการพัฒนาดิจิทัลเพื่อเศรษฐกิจและสังคม ครั้งที่ 1/2566 โดยมีศาสตราจารย์พิเศษวิศิษฎ์ วิศิษฎ์สรอรรถ ปลัดกระทรวงดิจิทัลเพื่อเศรษฐกิจและสังคม, นายภูษพงศ์ โนนไธสง เลขาธิการคณะกรรมการดิจิทัลเพื่อเศรษฐกิจและสังคมแห่งชาติ พร้อมด้วย คณะผู้บริหารของสำนักงานคณะกรรมการดิจิทัลเพื่อเศรษฐกิจและสังคมแห่งชาติ (สดช.) เข้าร่วมประชุม ณ ตึกบัญชาการ 1 ทำเนียบรัฐบาล และผ่านสื่ออิเล็กทรอนิกส์

รัฐบาลไทย-ข่าวทำเนียบรัฐบาล-รมว.ดีอี ฤกษ์บอร์ดีดีอี เดินหน้าแนวทางการขับเคลื่อน Cloud First Policy
(thaigov.go.th)

Proposed Workplan Plans for Year 3

2024 Proposed Workplan

Focus Areas: Convergence Workshop & Data Standards



Focus area: Convergence Workshop

- **Digital Health Forum**
- **Hackathon:** The 1st Medinfo Hackathon (MedHackathon) in Asia around May 20-31, 2024



Focus area: Data Standard

- **RTI (DDC-RTI Network)**
 - Involves developing a road safety data system with standardized deployment, gathering relevant data, and implementing efficient data management for analytics purposes.
- **Migrant Health: (WHO CCS Migrant Health-SPD-DHD-DHEHS)**
 - Develop and disseminate a guide for health personnel on the development of migrant health data systems.
- **Genomics: (DMSc)** Activities are on-going as planned, with partial support need from WHO/THF or other supporting organizations
 - Integrate, expand and promote the use of pharmacogenomic database via "Phukphan" system.

2024 Proposed Workplan

Focus Area : Open Data's Overview & Year 3



Core Principles

Transparent

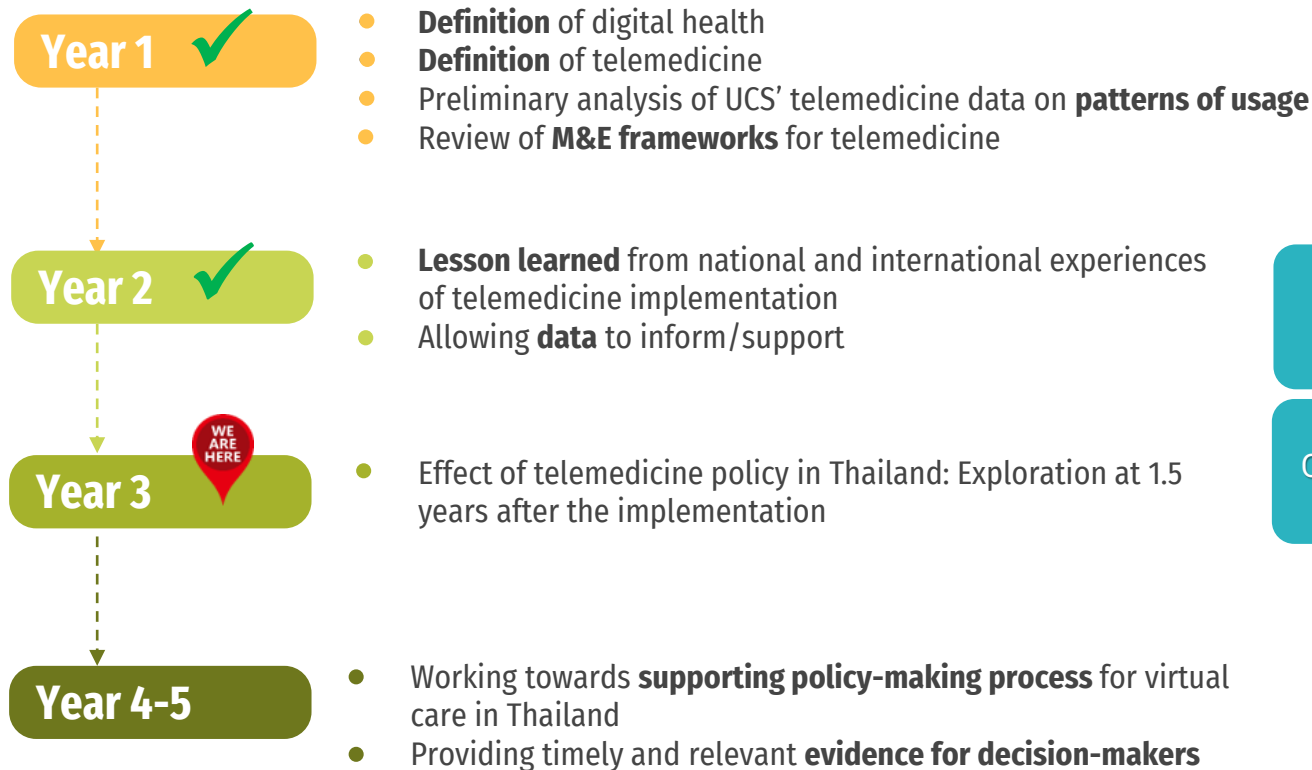
Relevant

Collaborative

Safe

2024 Proposed Workplan

Focus Area: Telemedicine's Overview & Year 3



Core Principles

Timely

Relevant

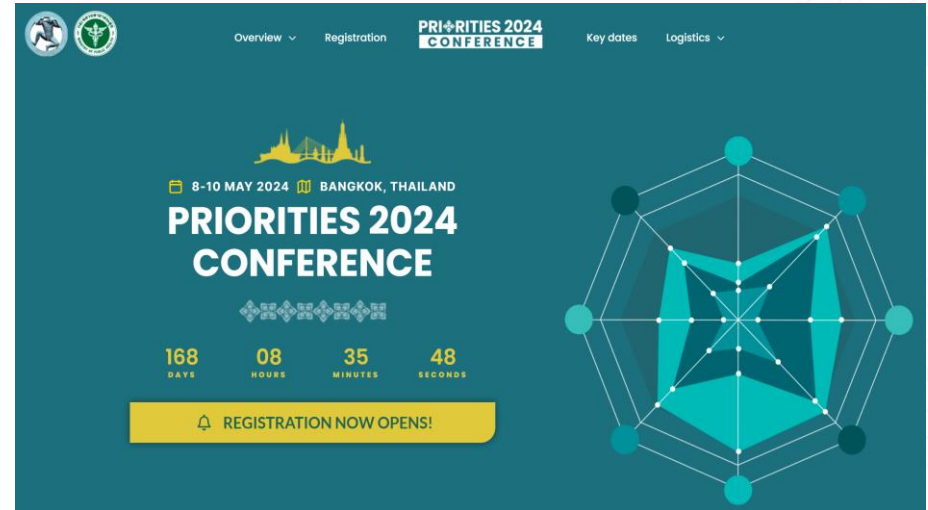
Collaborative

Participatory

Cross-cutting Activities

Support participation of Thai and regional participants in international conference on topics related to technology

- Conference theme on **“Shaping the Future of Health Prioritization : Strategies for sustainable solutions” with one sub-theme on “Next-Level Prioritization: Unlocking The Potential Of AI And RWE”**
- Support up to 15 participants from across Thailand and region to join international conference on themes related to digital health.
- Support to cover registration, travel/accommodation for those residing outside Bangkok.



2024 Proposed Workplan

WHO-RTG CCS 2022-2026

on Converge Digital Health

Cross-cutting Activities

Exploring how geopolitics shapes governance of digital health in parallel session and side meeting telemedicine

PMAC PRINCE MAHIDOL AWARD CONFERENCE 2024

PMAC 2024

OVERVIEW

SCHEDULE

ABSTRACTS

ART CONTEST

SPEAKERS

LOGISTICS

LOGIN



Geopolitics, human security and health equity in an era of polycrises

Geopolitics, often overlooked in the realm of global health, holds significant influence over the way we understand, address, and overcome health challenges... [Read More >](#)

22-27 JANUARY 2024, BANGKOK, THAILAND
CENTARA GRAND & BANGKOK CONVENTION CENTRE AT CENTRALWORLD

PS1.3

Transformative Digital Technology for Future Health

25
JAN

14.00 - 16.00 HRS. (BKK)

HITAP
Health Intervention and Technology Assessment Program

Side Meeting
23 JAN 2024 TUE
14:00 – 17:30 (BKK)
Lotus Suite 8
Centara Grand & Bangkok Convention Centre at Centralworld

Beyond Borders: Telemedicine's Triumphs, Trials, and Tomorrow

Scan to Register for this Side Meeting

Session Objectives:

- To gain deeper insights into diverse telemedicine systems across various contexts;
- To generate a set of action points that participants can take back to support and enhance telemedicine initiatives; and
- To create a network of experts to initiate action and collaboration to advance the digital health agenda.

Financial Report

Financial Summary of Year 2 and Year 3

Financial Summary

Summary of Planned and Actual Expenditure in Year 2 (2023)

Focus Area	Planned (THB)	Actual/committed (THB)	Remarks
Convergence Workshop	1,000,000	700,000	
Data Standards	-	-	Separate bilateral funding from WHO to focus area lead team for THB 500,000.00
Open Data	2,000,000	1,700,000	THB 700,000, carried over from Y1; THB 500,000 committed in Y2.
Telemedicine	-	357,136	Expenses for meetings Separate bilateral funding from Health Systems Research Institute (HSRI) at ~6.7M
Cross-cutting activities	-	133,402	
Total	3,000,000	3,000,000	Includes overhead cost; rounded down

Funding received:
WHO = 1M, THF = 1.1M, From Y1 = 1.2M

Financial Summary

Proposed Budget for Year 3 (2024)

Focus Area	Requested from WHO CCS ConvergeDH (THB)	Requested from other sources (THB)	Other funding source
Convergence Workshop	1,000,000	-	
Data Standards	-	4,800,000 (road safety) 1,642,000 (genomics)	Road Safety Fund DMS
Open Data	-	6,520,000	ThaiHealth
Telemedicine	-	6,900,000	HSRI
Cross-cutting activities	700,000 *To support for participants from Thailand and region at Priorities 2024		
Total	1,700,000	19,862,000	

Total funding expected: THB 1.7 million

Lessons learned

Lessons from Year 2

Consolidating activities and **sharpening focus**, building on first year.

Broadening engagement with stakeholders within and outside Thailand to share experiences and learnings.

Planning for research activities, including receiving ethics approval and accessing data in a **timely** manner to complete project can be challenging.

Increasing reliance on bilateral rather than pooled funding, with shorter timelines and separate reporting requirements, which can be challenging.



Thank you !

