

Overview of the Cross-border Collaboration on Geology and Mineral Resources of Cambodia- Lao PDR-Myanmar-Thailand-Vietnam Project

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Implementing Agency

Cambodia : General Department of Mineral Resources (GDMR)

Lao PDR : Department of Geology and Minerals (DGM)

Myanmar : Department of Geological Survey and Mineral Exploration
(DGSE)

Thailand : Department of Mineral Resources (DMR)

Vietnam : General Department of Geology and Minerals of Vietnam
(GDGMV)

Background Information and Justification

The continuity of land and abundance of geological resources of Cambodia, Lao PDR, Myanmar, Thailand and Vietnam (CLMTV) are advantages and opportunities for these five countries to study and share geological data between boundaries and then create a geological database which will be very important basic information for CLMTV development in the future.

Background Technical Cooperation

	ROD	MOM	Status
Thailand (DMR) - Cambodia (GDMR)	16 Dec 2014 1) Draft CLMTV Cross border project 2) Geological and mineral exploration in joint study area. 3) Capacity building. 4) Executive meetings on a rotational basis.	-	- Waiting for detailed discussion
Thailand (DMR) - Lao PDR (DGM)	-	1) 2002-2009, Thai-Lao cooperation joint committee, : the surveys on geology, minerals resources and geological tourism sites in Lao PDR; geological maps; the improvement of geological museum in Vientiane; Technical training courses for Lao PDR’s personnel . 2) 2011-2015,Thai-Lao Cooperation Project for Sustainable Development of Geological Resources, Phase I. 3) 2016-2019,Thai-Lao Cooperation Project for Sustainable Development of Geological Resources, Phase II. 4) 23 Jan 2014, agreement to formulate the cooperation including 4.1) Draft CLMTV Cross-border proj. 4.2) Geohazard Proj. in Lao PDR.	- Complete -Almost complete -Project preparation - Waiting for detailed discussion

	ROD	MOM	Status
Thailand (DMR) - Myanmar (DGSE)	10 Feb 2015 agreement to formulate the cooperation including 1) Draft CLMTV Cross-border proj. 2) Geological and mineral exploration in joint study area. 3) Capacity building. 4) Executive meetings on a rotational basis.	Thai-Myanmar cooperation joint committee in 2009.	- Waiting for detailed discussion
Thailand (DMR) - Vietnam (GDGMV)	2014 1) Draft CLMTV Cross-border proj. 2) analytical laboratory 3) museum and geological sample exchange.		-Waiting for detailed discussion
Thailand (DMR) - Vietnam (VIGMR)	joint-study on stratigraphic correlation of Kontum Massif in Central Vietnam.		-Ongoing

Details of Cross-border Collaboration on Geology and Mineral Resources of Cambodia- Lao PDR-Myanmar-Thailand-Vietnam Project

1. Objective

- 1) To create CLMTV geological information system and maps (geology, mineral, fossil, geohazard, geoconservation).
- 2) To increase capacity building for the CLMTV geological officers.
- 3) To emphasize the good relationship among CLMTV countries.

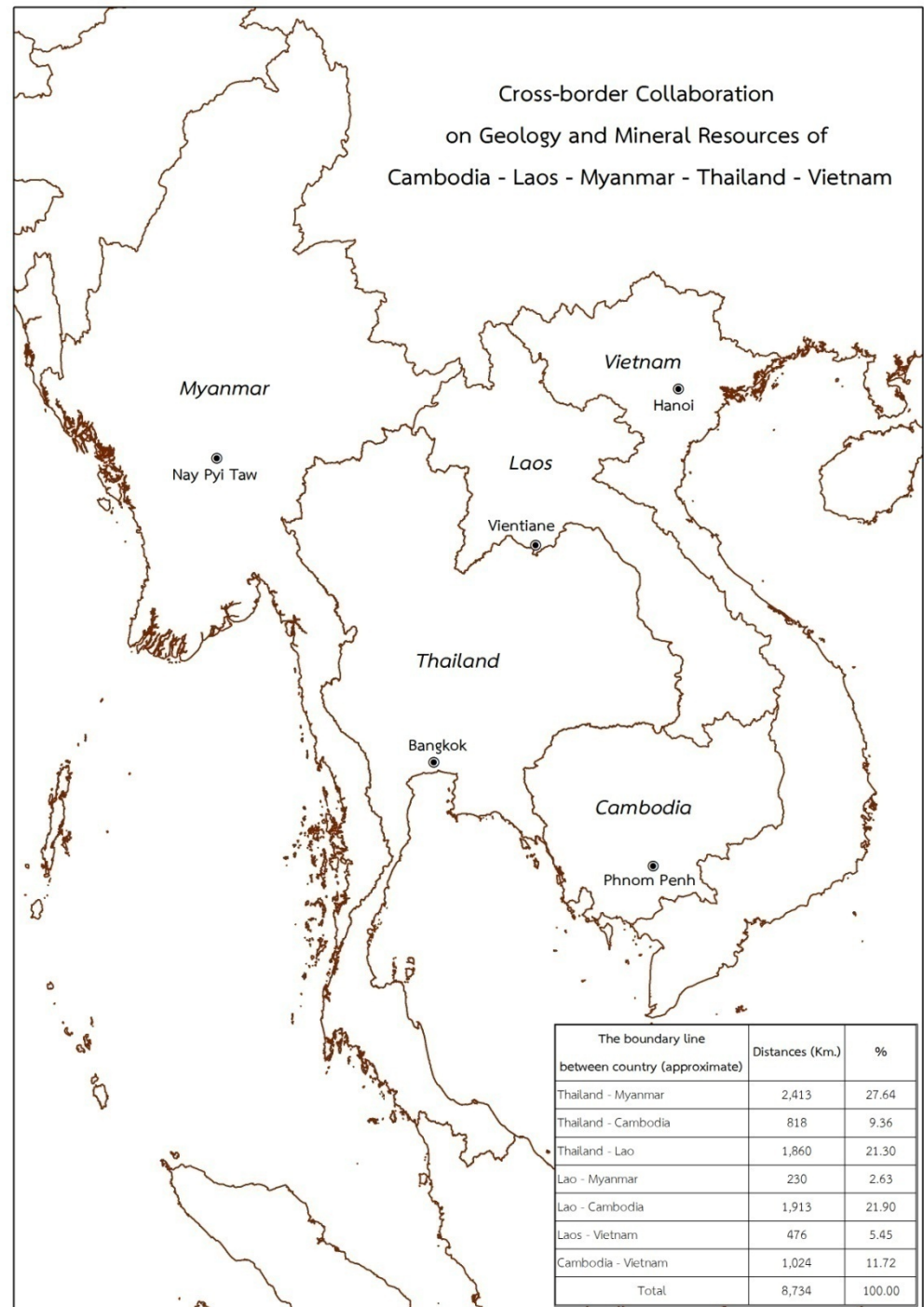
2. Output

The products of the project are shared products of the CLMTV countries including:

- 1) CLMTV Geological Information System.
- 2) Report and data set of 1:1,000,000 geological map and other geological information maps of the study areas of the CLMTV countries.
- 3) Officers with high capacity and experience on geology and geological resources of the CLMTV countries.

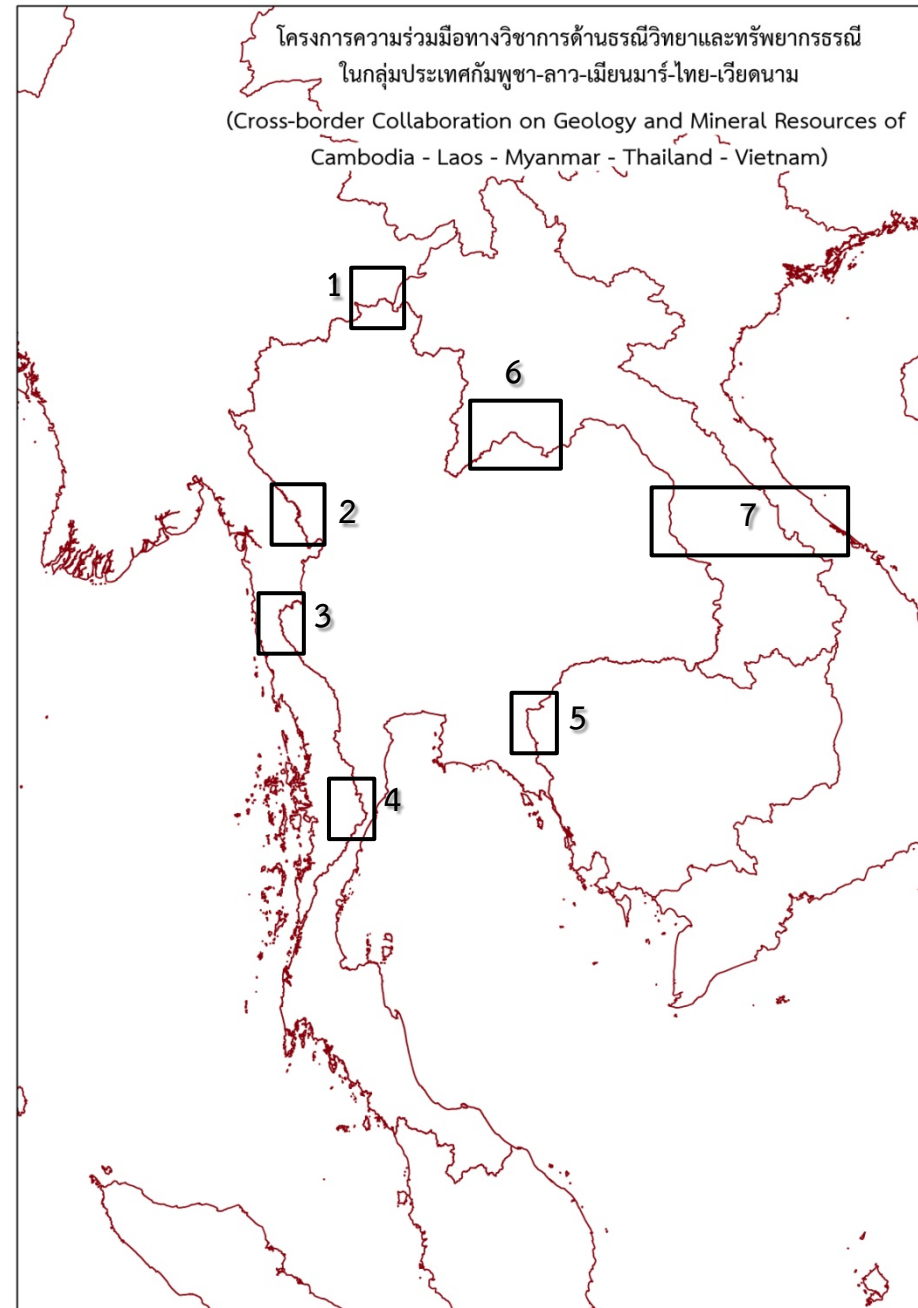
3. Impact : This project does not have any negative impact in terms of environmental, social, health and human rights of people in Cambodia, Laos PDR, Myanmar, Thailand and Vietnam.
4. Duration : Year 2015-2019 (5 Years)
5. Budget : Mostly from Thailand International Development Cooperation Agency (TICA)

6. Project Sites
are located in 5 countries
(CLMTV).



Examples of project sites with different rock unit at a scale of 1:1,000,000

- 1) Mae Sai – Takeelek
- 2) Maesot – Myawaddy
- 3) Dawei – Kanchanaburi
- 4) PrachuapKhiri Khan – Myei
- 5) Chanthaburi – Battambang
- 6) Loei – Nongkhai – Vientiane
- 7) Mukdahan – Savannakhet – Hue – Danan



Project Work Plan

Activity	2015	2016	2017	2018	2019
1. Executive Kick-off Meeting for Proposal Preparation					
2. Working Group Workshop for Data Preparation					
3. Training Course					
4. Working Group Workshop for creation of CLMTV Geological Information System					
5. Project Planning, Monitoring and Evaluation					
6. International Conference					

Project Management Personnel

Thai Executive

- Director General of the Royal Thai Department of Mineral Resources
- Director of Geological Survey Bureau
- Director of Mineral Resources Bureau
- Director of Environmental Geology Bureau
- Director of Mineral Resources Conservation and Management Division
- Director of Mineral Resources Information Center

Thai Officer

- Senior Professional Level and Professional Level Geologists
- TICA Representative
- Representatives from the Royal Thai Embassy in Cambodia, Lao PDR, Myanmar and Vietnam

Executive of Cambodia

- Director General of the General Department of Mineral Resources

Project Management Personnel

Executive of Laos PDR

- Director General of the Department of Geology and Minerals

Executive of Myanmar

- Director General of the Department of Geological Survey and Mineral Exploration

Executive of Vietnam

- Director General of the General Department of Geology and Minerals of Vietnam

Terms of project success

- Officers have been assigned to study the target area continuously from the beginning until the end of the project.
- All five countries have policies to support the implementation of projects continuously (such as budget and personnel).