

Thailand - Lao PDR Cooperation on Environmental Health, 3-year plan

Joint Action Plan 2023 - 2025

As of 16 June 2023

Project Title	Activities	Target areas/ population	Time frame			Source of Funding	Output Indicators/ Expected Outputs	Responsible agency
			23	24	25			
1. Cooperation in elevate the standard of sustainable attraction (GREEN Health) or GREEN travel zones of the twin cities.	<p>1. Provide training courses for environmental health officers</p> <p>1.1 Food Handlers</p> <p>1.2 Bacterial Surveillance in Food & Water</p> <p>1.3 Waste Management</p> <p>1.4 Environmental Health Literacy (Local guide/Volunteers)</p> <p>2. Visit attractions</p> <p>2.1 Provide guidelines</p> <p>2.2 Monitor progress</p> <p>3. Evaluate and conclude the project</p>	<p><u>Thailand:</u></p> <p>Loei</p> <p>Nong Khai</p> <p>Buang Kan</p> <p>Nakhon Phanom</p> <p>Mukdahan</p> <p>Ubonratchathani</p> <p><u>Lao PDR:</u></p> <p>Xayaboury</p> <p>Vientiane Capital</p> <p>Khammuane</p> <p>Savannakhet</p> <p>Champasak</p>		✓	✓	<p>- Thai government</p> <p>- Lao PDR government</p> <p>- Non-Governmental Organization (NGO)</p> <p>- Other international organizations</p>	<p>- Assessment Criteria for Prevention of Infectious Disease</p> <p>- Assessment Criteria for GREEN Health</p> <p>- Healthy Menu</p> <p>- Clean food good taste</p> <p>- Happy toilet (HAS)</p>	<p>1. DOH</p> <p>- HPC 8 Udon Thani</p> <p>- Contact person: Mr. Ruangyos Boonpakdee</p> <p>Public Health Technical Officer, Senior Professional Level</p> <p>Email: pong190879@gmail.com</p> <p>Phone number: +66 9 5234 5988</p> <p>2. DHP</p> <p>- Office:</p> <p>- Contact person:</p> <p>Name:</p> <p>Position:</p> <p>Email:</p> <p>Phone number:</p> <p>3. Twin cities</p> <p>HPC 7 Khonkaen</p> <p>HPC 8 Udon Thani</p> <p>HPC 10 Ubonratchathani</p> <p>Champasak</p> <p>Khammuane</p> <p>Savannakhet</p>

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								Vientiane Capital Xayaboury
2. Additional development of water, sanitation, and hygiene management (water, toilets, waste, faeces, and hand hygiene)	<p>1. Water, sanitation, and hygiene management (WASH)</p> <p>1.1 Arrange an online meeting to develop water, sanitation, and hygiene management systems.</p> <p>1.2 Develop a collaborative area-based operational framework (proposal) based on the contextual issues in each area.</p> <p>1.3 Conduct training and sharing of best practices in WASH in health care units and schools.</p> <p>-----</p> <p>1.1 Site visit of officials from the Lao PDR to Thailand to study and observe WASH-related work and surveillance in health care units.</p> <p>1.2 Assess WASH in health care units in the Lao PDR, supported by the Thai team, using criteria from G&C.</p> <p>1.3</p>	<p>Health care units at 3 levels (Province, District, Sub-district) at the border area</p> <p>Pilot area Bung Kan - Bolikhamxay</p> <p>Thailand: There is a G&C Hospital project.</p> <p>Lao PDR: The number of border district-level hospitals and schools is determined, with 7 districts, (2 hospitals and 2 schools each),</p>		✓	✓	<p>- Thai government</p> <p>- Lao PDR government</p> <p>- NGO</p> <p>- Other international organizations</p>	<p>- The number of health care units and schools that have been upgraded has increased.</p>	<p>1. DOH</p> <p>- HPC 8 Udon Thani</p> <p>- Contact person: Mr. Ruangyos Boonpakdee Public Health Technical Officer, Senior Professional Level Email: pong190879@gmail.com Phone number: +66 9 5234 5988</p> <p>2. Center of Water Supply and Environmental Health</p> <p>- Contact person: Dr. Khoutkeo Euatxayasen Deputy Director of Center of Water Supply and Environmental Health Email: Khoutkeo.dhpmop@gmail.com Phone number: +856 20 5242 6222</p>

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		<p>totaling 28 establishments.</p> <p><u>Key issues:</u></p> <ul style="list-style-type: none"> - Toilets (100% coverage) - Clean water accessible 						
	<p>2. Food Safety/ Sanitation</p> <p>2.1 Built capacity for officers on food sanitation/ food safety.</p> <p>2.2 Arrange an annual meeting to review the Thai-Lao Integrated Food Sanitation Standards.</p> <p>2.3 Expand the food sanitation/ food safety standard (Vientiane Capital Model) to the market.</p>	<ul style="list-style-type: none"> - Provinces, Lao PDR - Districts, Lao PDR 				<ul style="list-style-type: none"> - Thai government - Lao PDR government - NGO - Other international organizations 	<ul style="list-style-type: none"> - Training - The food safety/ sanitation model in the market. 	<p>1. DOH</p> <ul style="list-style-type: none"> - Office: - Contact person: Name: Position: Email: Phone number: <p>2. DPPH</p> <ul style="list-style-type: none"> - Office: - Contact person: Name: Position: Email: Phone number: <p>3. 7 twin cities</p> <ul style="list-style-type: none"> HPC 1 Chiangmai HPC 7 Khonkaen HPC 8 Udon Thani HPC 10 Ubonratchathani

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								Bokeo Bolikhamxay Champasak Khammuane Savannakhet Vientiane Capital
	<p>3. Development of standards and surveillance for food sanitation in the twin cities</p> <p>3.1 Establish a working group on health promotion and environmental health between Thailand and Lao PDR, twin cities.</p> <p>3.2 Enhance knowledge and leadership capacity and mechanisms for working networks/entrepreneurs at the local level.</p> <p>3.3 Develop standards for international surveillance in food sanitation.</p>	<p>(7 twin cities)</p> <p>Bokeo - Chiangrai Xayabouly - Nan</p>				<p>- Thai government</p> <p>- Lao PDR government</p> <p>- NGO</p> <p>- Other international organizations</p>	<p>- Working group on health promotion and environmental health between Thailand and Lao PDR, twin cities.</p> <p>- Manual for international surveillance standards on food sanitation.</p> <p>- Mechanism and implementation of food sanitation surveillance at the Thai-Laos border area in the twin cities.</p>	<p>1. DOH</p> <p>- Office:</p> <p>- Contact person:</p> <p>Name:</p> <p>Position:</p> <p>Email:</p> <p>Phone number:</p> <p>2. DPPH</p> <p>- Office:</p> <p>- Contact person:</p> <p>Name:</p> <p>Position:</p> <p>Email:</p> <p>Phone number:</p> <p>3. Twin cities</p> <p>Bokeo Xayabouly HPC 1 Chiangmai</p>
	<p>4. Restaurant</p> <p>4.1 Evaluate and develop food establishments in major tourist attractions of the twin cities.</p>	<p>4 twin cities:</p> <p>1) Chiang Khan District, Loei Province -</p>		✓		<p>- Regional Health Office 8 - Thai government</p>	<p>- Restaurants in major tourist attractions of the twin cities have been evaluated and</p>	<p>1. DOH</p> <p>- HPC 8 Udon Thani and network partners joining the MOU</p> <p>- Contact person:</p>

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	4.2 Arrange a meeting to summarize the operating results and exchange knowledge (at Vientiane Province, Lao PDR).	Sanakham City, Vientiane Province, Lao PDR 2) Tha Bo District, Nong Khai Province - Hat Sai Fong Town Vientiane Province, Lao PDR				- Lao PDR government	developed to meet the standards, resulting in the establishment of a prototype of standardized restaurants on both sides of the Mekong River. - Research work has been conducted.	Name: Position: Email: Phone number: 2. DPPH - Office: - Contact person: Name: Position: Email: Phone number:
	5. Market 5.1 Evaluate and develop food establishments in major tourist attractions of the twin cities. 5.2 Arrange a meeting to summarize the operating results and exchange knowledge (at Chiang Khan District, Loei Province, Thailand).	3) Mueang District, Bueng Kan Province - Pakxan City, Bolikhamxai Province, Lao PDR 4) Muang District, Nakhon Phanom Province - Thakhek City, Khammouane Province, Lao PDR			✓	- Regional Health Office 8 - Thai government - Lao PDR government	- Markets in major tourist attractions of the twin cities have been evaluated and developed to meet the standards, resulting in the establishment of a prototype of standardized restaurants on both sides of the Mekong River. - Research work has been conducted.	3. Twin cities Bolikhamxay Khammouane Vientiane Capital HPC 8 Udon Thani

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	<p>6. Public Toilet</p> <p>6.1 Develop public toilets at major tourist attractions of the twin cities.</p> <p>6.2 Arrange a meeting to summarize the operating results and exchange knowledge (at Vientiane Province, Lao PDR).</p>				<p>*</p> <p>26</p> <p>-</p> <p>27</p>	<p>- Regional Health Office 8 - Thai government</p> <p>- Lao PDR government</p>	<p>- Public toilets in major tourist attractions of the twin cities have been evaluated and developed to meet the standards, resulting in the establishment of a prototype of standardized restaurants on both sides of the Mekong River.</p> <p>- Research work has been conducted.</p>	
	<p>7. Liver fluke and cholangiocarcinoma problems</p> <p>7.1 Establish and develop a system to address the problems of liver fluke disease and cholangiocarcinoma on both sides of the Mekong River, as part of the campaign to eliminate liver fluke disease and cholangiocarcinoma, in remembrance of His Majesty King Bhumibol Adulyadej and dedicating it as a royal charity to Her Majesty Queen Sirikit, the Queen Mother, in 2023-</p>		✓	✓	✓	<p>- Regional Health Office 8 - Thai government</p> <p>- Lao PDR government</p> <p>5-year ongoing project (2023-2027)</p>	<p>- There is a surveillance system to screen, prevent and control liver fluke disease and cholangiocarcinoma among the people on both sides of the Mekong River in order to continually offer it as a royal charity.</p>	

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	2027, using the “Lawa Model” as a prototype.							
3. Promoting the quality of health care units using GREEN & CLEAN Hospital	<p>1. GREEN & CLEAN Hospital (Mukdahan)</p> <p>1.1 Organize online exchange platforms to Exchange information and share experiences to analyze the context of environmental health management in health care units (GREEN & CLEAN Hospital) between Thailand and Lao PDR (online meeting).</p> <p>1.2 Site visit of officials from the Lao PDR to Thailand to study and observe GREEN & CLEAN Hospital.</p> <p>1.3 Discuss the guidelines and standards for enhancing the development of GREEN & CLEAN Hospitals in Laos.</p> <p>1.4 Drive the implementation to enhance the development of GREEN & CLEAN Hospitals in Laos.</p>	<p>Mukdahan and provinces at the bordering Thailand and Lao PDR</p> <p>Initiate operations in large-scale hospitals of the Ministry of Public Health in Laos and community hospitals of type A and B.</p>				<p>- Thai government</p> <p>- Lao PDR government</p> <p>- NGO</p> <p>- Other international organizations</p>	<p>- The number of personnel and units involved in the learning exchange program, studying and observing GREEN & CLEAN Hospitals.</p> <p>- The number of personnel and units that have received training and implemented the online course on environmental health management in health care units (GREEN & CLEAN Hospitals) in Thai language.</p>	<p>1. DOH</p> <p>- Office:</p> <p>- Contact person:</p> <p>Name:</p> <p>Position:</p> <p>Email:</p> <p>Phone number:</p> <p>2. Provincial Public Health Office</p> <p><u>Mukdahan</u></p> <p>- Contact person:</p> <p>Name:</p> <p>Position:</p> <p>Email:</p> <p>Phone number:</p> <p>3. DHHP</p> <p>- Hygiene Management Division, DHHP</p> <p>- Contact person:</p> <p>Mr. Somphone Keophithoun</p> <p>Email: k.somphone80@gmail.com</p> <p>Phone number: +856 20 5555310</p>

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								4. Twin Cities
	<p>2. GREEN & CLEAN Hospital (Nong Khai)</p> <p>2.1 Site visit of officials from the Lao PDR to Thailand to study and observe GREEN & CLEAN Hospital.</p>	Nong Khai				<ul style="list-style-type: none"> - Thai government - Lao PDR government - NGO - Other international organizations 	<ul style="list-style-type: none"> - Handbook and Mechanisms for GREEN & CLEAN Hospitals - Meetings and training 	<p>1. DOH</p> <ul style="list-style-type: none"> - Office: - Contact person: Name: Position: Email: Phone number: <p>2. Provincial Public Health Office</p> <p><u>Nong Khai</u></p> <ul style="list-style-type: none"> - Contact person: Name: Position: Email: Phone number: <p>3. DHP</p> <ul style="list-style-type: none"> - Office: - Contact person: Name: Position: Email: Phone number: Position: Email: Phone number:

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								4. Twin cities
4. Build capacity for climate change and health adaptation	<p>1. Climate Change and Health</p> <p>1.1 Arrange a meeting to develop an online training course to enhance the capacity of personnel in adapting to climate change and its impact on health.</p> <p>1.2 Organize training on Climate Change and Health Adaptation from Climate Change for Public Health Practitioners of Thailand and Lao PDR</p> <p>1.3 Summarize and evaluate the progress in capacity development regarding adaptation to climate change and its impact on health (Climate Change and Health).</p>	- 40 personnel from the central and regional levels of the Thai and Lao governments, including public health officers and environmental officers.		✓		- Thailand International Cooperation Agency (TICA)	- Online training course for enhancing the capacity of personnel in adapting to climate change and health - Healthcare professionals and environmental officers at the Central and Regional Levels of the Thai and Lao PDR Governments have successfully completed the training and exchanged experiences in coping with climate change and health adaptation.	<p>1. DOH</p> <p>- Health Impact Assessment Division</p> <p>- Contact person:</p> <p>1. Ms. Kornwipa Punnasiri Public Health Technical Officer, Senior Professional Level Email: pun_pun7@hotmail.com Phone number: +66 2590 4362</p> <p>2. Ms. Natthawee Lunsamrong Public Health Technical Officer, Senior Professional Level Email: loonsamrong.blue@gmail.com Phone Number: +66 2590 4485</p> <p>2. DHHP</p> <p>Hygiene Management Division, DHHP</p> <p>- Contact person:</p>

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								<p>Mr. Somphone Keophithoun Email: k.somphone80@gmail.com Phone number: +856 20 55555310</p> <p>3. Center of Water Supply and Environmental Health - Contact person: Mr. Khoutkeo Euatxayasen Deputy Director of Center of Water Supply and Environmental Health Email: khoutkeo.dhpmop@gmail.com Phone number: +856 20 52426222</p> <p>4. 7 twin cities</p>
	<p>2. Environmental Impact Assessment (EIA) in Special Economic Zones (SEZ) 2.1 Arrange a Bilateral Meeting on Environmental Impact Assessment (HIA) in Special Economic Zones (SEZ): Air Pollution, Wastewater according to the Border Health Strategic Plan.</p>	Nong Khai				<ul style="list-style-type: none"> - Thai government - Lao PDR government - NGO - Other international organizations 	<ul style="list-style-type: none"> - Framework for Assessing Health Impact - Collaborative Training Course on Environmental Health 	<p>1. DOH - Office: - Contact person: Name: Position: Email: Phone number:</p> <p>2. Provincial Public Health Office Nong Khai</p>

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								- Contact person: Name: Position: Email: Phone number: 3. DHHP - Office: - Contact person: Name: Position: Email: Phone number: 4. Twin cities
	3. Air pollution (PM2.5) 3.1 Establish a working group for Thailand - Lao PDR collaboration in health promotion and environmental health in twin cities. 3.2 Arrange a Thailand - Lao PDR Cooperation meeting to plan joint operations. 3.3 Install air pollution measurement devices in Thai-Lao areas, including Chiang Khong District, Chiang Saen District, Mae Sai District and Lao PDR areas, at least one location per district.	(7 twin cities) Bokeo - Chiangrai Xayabouly - Nan				- Thai government - Lao PDR government - The dust measuring device, DustBoy, from Chiang Mai University - PODD surveillance system from the Faculty of	- Working group for Thailand - Lao PDR collaboration in health promotion and environmental health in twin cities. - Air pollution monitoring system and smoke across the border. - MOU on reducing transboundary pollution sources and building an	1. DOH - Office: - Contact person: Name: Position: Email: Phone number: 2. DHHP - Office: - Contact person: Name: Position: Email: Phone number:

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	<p>3.4. Develop an air pollution monitoring system and smoke across the border.</p> <p>3.5 Exchange knowledge and empower food sanitation operations, surveillance of smoke and environmental health in the twin cities.</p>					<p>Veterinary Medicine, Chiang Mai University</p>	<p>air pollution monitoring system and smoke across the border.</p>	<p>3. 7 twin cities</p>
<p>5. Integrate preparedness, responsiveness, and rehabilitation management on environmental health during emergency and public disaster situations</p>	<p>1. Arrange a joint consultative meeting (online) to improve the preparedness, responsiveness, and rehabilitation management of environmental health during emergency and public disaster situations (according to the readiness of both parties).</p> <p>2. Promote health literacy on preparedness, responsiveness, and rehabilitation management on environmental health during emergency and public disaster situations.</p>	<p>- Related Department/ Office/ Division of Thailand and Lao PDR</p>				<p>- Thai government - Lao PDR government - NGO - Other international organizations</p>	<p>- The amount of data in digital format and knowledge on preparedness, responsiveness, and rehabilitation management on environmental health during emergency and public disaster situations.</p>	<p>1. DOH - Division of Health Emergency Management, Department of Health - Contact person: Name: Mr. Pinyapatch Chullasuk Position: Director, Division of Health Emergency Management Email: Pinyapatch.c@anamai.mail.go.th Phone number: 02-590-4366</p> <p>2. DHHP - Office: - Contact person: Name: Position: Email: Phone number:</p>

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