

THE REGIONAL FORUM ON ENVIRONMENTAL COMPLIANCE IN INDUSTRIAL SECTOR

LAO PDR COUNTRY REPORT

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Industrial Development

Total number of factories in 2014

2011 - 2015 average growth of industrial sector is 13% annum

Source: Development of industry and handicraft development strategy, 2013.

State of Pollution Situation

Concentration of SO₂, NO₂, PM and CO in 2008 – 2010

Parameter	Location						WHO standard
	Vientiane Capital (mg/m ³)			Luangphabang (mg/m ³)			
	2008	2009	2010	2008	2009	2010	
CO	4.33	4.47	4.82	4.32	4.44	4.93	5
SO ₂	0.39	0.33	0.32	0.27	0.24	0.23	0.3
NO ₂	0.07	0.63	0.23	0.06	0.02	0.21	0.1
PM ₁₀	0.56	1.23	1.23	0.63	1.15	1.12	0.2

Source: Phonvisai, 2015 (cited in dissertation)

Organisational structure related to industrial pollution control

National Stakeholders are consisted of:

- Department of Industrial and Handicraft, MoIC;
- Department of Social and Environmental Impact Assessment, MoNRE; and
- Pollution Control Department, MoNRE.

Policies, strategies, legislations and regulation related to industrial pollution control

- Environmental Protection Law, 2012;
- Guideline on Environmental and Social Impact Assessment Procedure, 2013;
- Environmental Standard, 2009;
- Industrial Processing Law (revised), 2013;
- Decision on Industrial Substance and Chemical Management, 2012;
- Decision on Industrial Waste Management, 2012;
- Decision on Air Pollution Standard, 2009;
- Waste Water Discharge Regulation, 2005;
- International Policies, Guideline and Standards (e.g. MEAs, donor's safeguard policies).

Obstacles / concerns on the implementation or management of concerning agencies

- Law / regulation and policy for pollution prevention and control has limited;
- Overlapping mandate within line-agencies;
- Inadequate technical staffs and lack of expertise;
- Lack of financial support.

Others:

- Industrial in the country mainly uses old technologies; and
- Difficulties to enforcement regulation on small and medium factories.

Solution for the problems

- Develop / Improve law and regulation specific to pollution control (e.g. air pollution, water pollution etc.);
- Amend mandate of line agencies to avoid overlapping;
- Strengthening capacity of central and local authorities;
- Promote environmental standard (e.g. ISO 14001);
- Awareness raising program for investors and public.