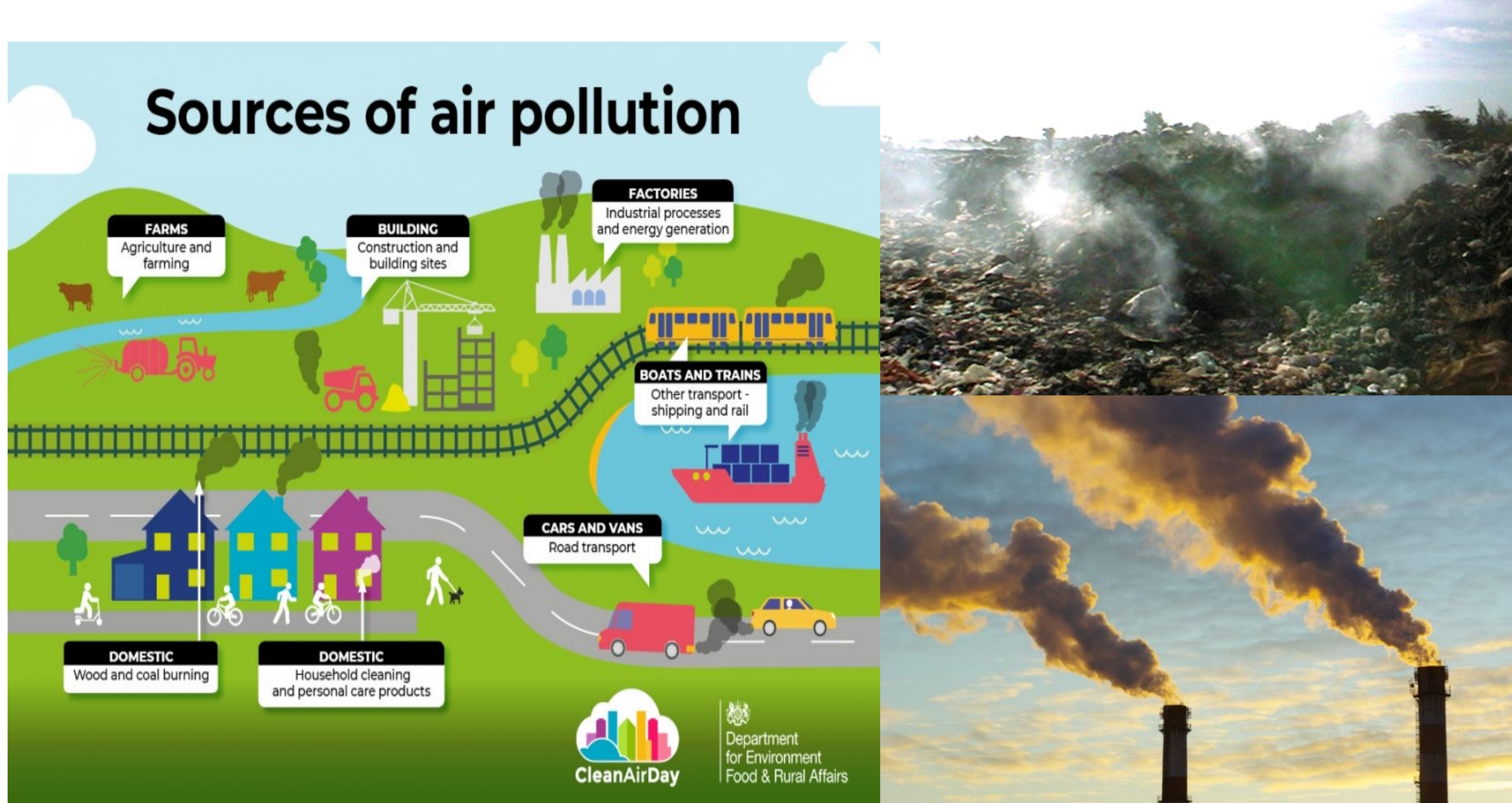


Strengthening Air and Climate Pollution Management in Cambodia

Ministry of Environment, Phnom Penh

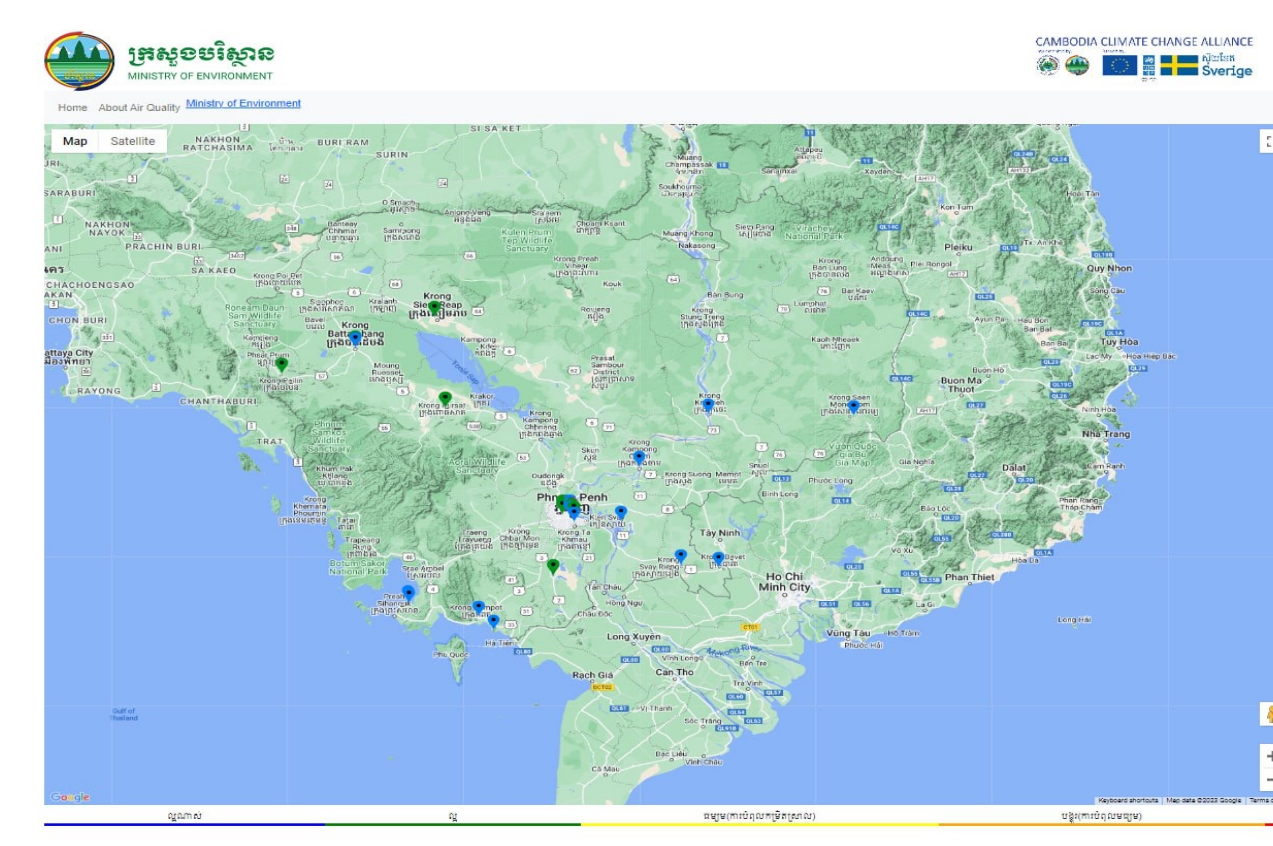
Background

- There are several factors contributing to the degradation of air quality in Cambodia including vehicle emissions, road dust, industry, agriculture, power generation and open burning, ect.
- There is tendency of increasing the level of air and climate pollution, while the responsible organization:
 - has insufficient monitoring equipment to monitor SLCP and air pollution from coal power plant, cement factory and other stationary sources.
 - lacks of data platform for air quality monitoring and related data management facility and capacity.



Results

- A draft of the Sub-decree on Air Pollution Control, Noise and Vibration Management
- Air Quality Monitoring Data Platform
- National and provincial officials have the necessary knowledge on using air quality monitoring equipment and running data platform
- Expanding emission control of coal power plants, cement factories and other stationary pollution sources (5 cement factories, 1 coal power plant and stationary sources in Phnom Penh, Kandal, Kampong Cham, Battambang, Preah Sihanouk, Kampong Speu, Siem Reap, Uddar Meanchey, Kampong Chhnang, Pursat, Svay Rieng, and Banteay Meanchey).



<https://airquality.moe.gov.kh/home>



Chip Mong Insee Cement Corporation

Objectives

Objectives:

1. Developing an updated Sub-decree on Air Quality, Noise, and Vibration Management.
2. Setting up Air Quality Monitoring Data Platform and training officers from DAQVNM and Provincial Department of Environment for using air quality monitoring system.
3. Piloting monitoring of SLCP (mainly black carbon) and air pollution from stationary sources and strengthening capacities on air quality management plan and reduction of SLCP emissions at national and sub-national levels.



Workshop on Sub-decree on Air Quality, Noise and Vibration Management



Battambang Council Cement Company

Thai Boon Roong Co., Ltd.,



Meeting and follow-up visit at Cart Tire Co.,Ltd, Svay Rieng

Air Monitoring Station

Approaches and technologies used

Air quality and SLCP monitoring equipment/station



Next plan

- Develop guideline for air quality monitoring
- Develop guideline for emission testing
- Develop guideline for noise and vibration testing
- Develop strategy on heavy industry emission control (cement, coal power plant, steel industry, chemical industry)
- Develop AQI mobile application
- Expand the monitoring activities on air quality and SLCP to other stationary sources, particularly the garment sector