

WAY FORWARD AND THE ROLE OF THE REGIONAL CENTER ON HEALTH IMPACT ASSESSMENT

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INTRODUCTION

The Air pollution posed a great challenge for South East Asian countries, because of their economies transition with a rapid development. It has been considered as a major environmental risk to health. Approximately 2 million premature deaths occur worldwide per year because of bad air quality. The situation is worse in developing countries in Asia. ‘More than half of the burden from air pollution on human health is borne by people in developing countries.





INTRODUCTION


Air pollution has a lots of environmental and health risks. Greenhouse effect, ozone layer depletion and acid precipitation are well known environmental problem that are caused by air pollution. In South-Asia, a large number of people suffer from health effects because of bad quality of air. Most common diseases include skin, eye and respiratory irritation, headache, dizziness, cough, bronchitis, allergic response, asthma etc. Chronic exposure can cause lung cancer and in serious cases people can die.





VISION

To develop the center as a reference institution in order to assist South East Asian as well as Regional countries in combating air pollution as well as protect the people from the effect of air pollution.





GOAL

Goal:


The main goal of the center is to strengthen technical and institutional capabilities among member countries, mobilizing them and their networks to provide comprehensive assessment of health impacts associated with air pollution to take necessary steps to reduce air pollution in South-Asian region.






OBJECTIVES

Objectives

- To promote regional capacities for the implementation of air pollution health impact researches
 - To develop manual and guide line for training both in classroom and distance learning for capacity building for air pollution reduction and health effects
 - To disseminate knowledge and awareness activities for knowledge sharing, technical support and policy development on the implementation of air pollution and health affect management activities.
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OBJECTIVES

- To develop technological capacity and provide technological services and contribute to transferring appropriate skills and technologies in order to develop better and clean environment
 - To develop strategic association of specialized organizations of regional countries for management of air pollution health impact
 - To develop the center as a synergies with others countries and centers to combat air pollution as well as health effects.
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DESCRIPTION

The Regional Centre has a successful experience in the development, organization and conduction of air pollution health impact study. Now the centre is finalizing the manual for health impact study for successfully conduction of this kind of study in regional countries. The strengthening of the national as well regional capacities to face the air pollution as well to keep the people away from air pollution health effects is not only a need but essential.



DESCRIPTION

Therefore, the Regional Centre is developing itself in the facilitation of the processes leading to the creation and strengthening of capacities both at national and regional level. For which the center is planning to under take following activities for the successful technology and experience transfer in the regional countries.



- 1) Training workshops for the key actors for environmental management related to air pollutants and their health effects
- 2) Generation and diffusion of technical information for environmental and health risk reduction due to air pollution.
- 3) Act as synergies for developing strategic plan and taking action between the countries.
- 4) Develop technical guidelines for air pollution management in respect to protect health of the population
- 5) Develop manuals to be utilised for training activities both in classroom and distance learning methods.



- 6) Develop protocol and strategic plan for a combined and supportive effort between the counties for effective management of the problems related to trans-boundary air pollutants as well as health effects.
- 7) Develop skilled manpower and technological capacity for technological solutions so as to provide services and sound management of air pollution and health impact in national and regional countries
- 8) Promote clean technologies in order to address all the air pollutants and their human effects
- 9) Organization of meetings, Seminars, Workshops for Regional, Sub-regional stockholders or specialized organizations, Policy makers for cooperation, coordination, sharing of experiences and transfer of technological knowledge and for strategic management and planning within regional countries.





Key Activities

1. Finalization of health impact study manual
2. Regional Training workshops on health impact study
3. Regional Awareness Building Workshops on health impact
4. Development of manual and guide line for training both in classroom and distance learning
5. Development of Analytical Facilities both in terms of manpower and technological capacity within this centre and regional countries





Key Activities

6. Development of surveillance system for illnesses due to air pollution
7. Establishment of Network for Regional Monitoring and Assessment of air pollutant
8. Development and maintenance of web site and to create forum between the countries
9. Organization of meetings, seminar, workshops
10. Upgrade of regional center in terms of technological capacities.



Phases and Time frame: (to-be finalized in the workshop)


Sl. No	Activities	2013	2014	2015
1	Finalization of health impact study manual			
2	Regional Training workshops on health impact study			
3	Regional Awareness Building Workshops on health impact			
4	Development of manual and guide line for training both in classroom and distance learning			
5	Development of surveillance system for illnesses due to air pollution			

Phases and Time frame: (to-be finalized in the workshop)

Sl. No	Activities	2013	2014	2015
6	Development of Analytical Facilities both in terms of manpower and technological capacity within this centre and regional countries			
7	Establishment of Network for Regional Monitoring and Assessment of air pollutant			
8	Development and maintenance of web site			
9	Organization of meetings, seminars, workshops for Regional, Sub-regional stockholders or specialized organizations, Policy makers			
10	Upgrade of Regional Center			




EXPECTED OUTPUT

- ✓ Followings are the major expected outputs of the Regional Center:-
 - ✓ Regional collaboration among member countries
 - ✓ Developing expertise regarding health impact assessment
 - ✓ Development several manuals and guide lines for training on air pollution and health impact
 - ✓ Build up of a regional database of air quality
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EXPECTED OUTPUT

- ✓ Publishing annual evaluation report regarding air quality and health impact
 - ✓ Conducting research and surveys; publication of result
 - ✓ Participation in regional decision making and policy development
 - ✓ Regional protocol development for mitigation of trans-boundary air-pollution
 - ✓ Upgrade of regional center with technological capacity and skilled manpower.
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Budget: (to-be finalized in the workshop)

Sl. No	Activities	Cost
1	Finalization of health impact study manual	
2	Regional Training workshops on health impact study	
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THANK YOU