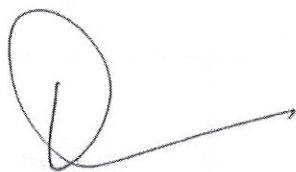


Revised Action Plan for Korba

Indian Institute of Technology Mumbai had conducted load carrying capacity study of Korba region and has submitted report in November, 2018. Key findings of this study are as given below –

- Area under mining activities has increased by fivefold in last past 25 years while overburden and ash dyke area has been increased by 15.62%
- In case of PM10 emission, area sources (55.34%) were major contributor followed by point source (43.78%) and line sources (0.89%)
- In case of PM2.5 emission, again area sources (93.59%) were the major contributor and was followed by line sources (6.41%)
- Power plants were major point sources of air pollution while coal mines were major area sources of air pollution in the study area
- Coal and firewood burning for domestic purposes was another major area source of air pollution in the study area
- Multi axle vehicles, mini buses, multi utility vehicles, medium goods vehicles and light goods vehicles were major line sources of air pollution in the study area

Based on the above findings and observations made by CPCB, action plan has been revised and detailed below -



Revised Action Plan for Korba City

SOURCE GROUP	ACTION	IMPLEMENTATION PERIOD (SHORT/MID/LONG TERM)	TIME TARGET FOR IMPLEMENTATION	RESPONSIBLE AGENCY	Remark
VEHICLES	Restriction on plying and phasing out of 15 years old commercial diesel driven vehicles.	MID		Transport Department	<p>1. The Power to fix life of a vehicle lies with Central Government only under section 59 of CMV Act. It is in process of deliberation on a scrapping policy for vehicles.</p> <p>2. State Government laid down age limit for permit condition for buses (12 years) and trucks (15 years). The CG Motor Vehicle Rule 70A contained provision related to age limit for permit of buses. It is been struck down by Hon'ble High Court of CG in its order in WPC No. 2004/2017 on 26-07-2018.</p>
	Regular checking of vehicular emission and issue of Pollution under Control Certificate (PUC).	SHORT	March 2019	Transport Department and Police Department	-
	Periodic calibration test of vehicular emission monitoring instrument.	SHORT	April 2019	Transport Department	As per MoRTH direction, computerized and networked system of pollution checking has to be introduced from 1 st April 2019.



SOURCE GROUP	ACTION	IMPLEMENTATION PERIOD (SHORT/MID/LONG TERM)	TIME TARGET FOR IMPLEMENTATION	RESPONSIBLE AGENCY	Remark
	Good traffic management including redirection of traffic movement to avoid traffic congestion.	SHORT	March 2019	Transport Department and Police Department	-
	Promotion and operationalization of E-rickshaw.	MID	March 2019	Transport Department and Urban administration and Development	-
	Monitoring on vehicle fitness.	SHORT	March 2019	Transport Department	-
	Checking of fuel adulteration.	IMMEDIATE	IMMEDIATE	Food and Civil Supply Department/Oil Companies	-
	Restriction on overloading of vehicles.	IMMEDIATE	IMMEDIATE	Transport Department	-
	Augmentation of public transportation system.	LONG TERM	December 2019	Transport Department /Nagar Nigam, Korba/District Administration, Korba	-
ROAD DUST	Regular cleaning of road dust. 1. Washing of road 2. Mechanized road sweeping	SHORT MID	March 2019 June 2019	Urban administration and Development	-
	Water spraying on roads through tankers.	SHORT	March 2019	Urban administration and Development	-
	Maintenance of roads to avoid dust emission.	MID	June 2019	CGPWD/ Urban administration and Development /NHAI	-
	Development of green belt in open	MID	October 2019	CECB/Concern Government	-

SOURCE GROUP	ACTION	IMPLEMENTATION PERIOD (SHORT/MID/LONG TERM)	TIME TARGET FOR IMPLEMENTATION	RESPONSIBLE AGENCY	Remark
	areas, gardens, parks/ community places, schools & housing societies.			Department/Urban administration and Development	
	Introduction of water fountains at major traffic intersection / circle.	MID	June 2019	Urban administration and Development	
CONSTRUCTION ACTIVITIES	Covering of construction site.	SHORT	March 2019	Urban administration and Development / Town and Country Planning Department	
	Transportation of Construction materials like sand, soil, stone chips etc. in covered system.	IMMEDIATE	March 2019	Transport Department and Police Department	
	Restriction on storage of construction materials along the road.	SHORT	March 2019	Urban administration and Development	
BIOMASS AND GARBAGE BURNING	Restriction on open burning of municipal solid waste, Biomass, plastic horticulture waste etc.	IMMEDIATE	IMMEDIATE	Urban administration and Development	
	Transportation of Municipal Solid Wastes, construction materials and debris in covered system.	IMMEDIATE	IMMEDIATE	Urban administration and Development	
	Ensuring promotion and use of cleaner fuel for domestic and commercial purposes like local dhabas/ eateries.	SHORT TERM	April 2019	District Administration/Oil Companies	

SOURCE GROUP	ACTION	IMPLEMENTATION PERIOD (SHORT/MID/LONG TERM)	TIME TARGET FOR IMPLEMENTATION	RESPONSIBLE AGENCY	Remark
INDUSTRIES	a. CSPGCL, Korba (East) Up-gradation of air pollution control equipments to bring emission to 50 mg/NM ³ .	LONG TERM	December 2020	CSPGCL, Korba (East)	-
	b. CSPGCL, Korba (West) Up-gradation of air pollution control equipments to bring emission to 50 mg/NM ³ .	LONG TERM	December 2020	CSPGCL, Korba (West)	-
	i. Control of fugitive emission in Gevra Open Cast Mine by use of mechanized sweeping machine, long range fogging machine.	SHORT TERM	June 2019	SECL, Gevra	-
	ii. Control of fugitive emission in Dipka Open Cast Mine by use of mechanized sweeping machine, long range fogging machine.	SHORT TERM	June 2019	SECL, Dipka	-
	iii. Control of fugitive emission in Kusmunda Open Cast Mine by use of long range fogging machine.	SHORT TERM	April 2019	SECL, Kusmunda	-
	iv. Construction of four number SILO with rapid loading	LONG TERM	December 2021	SECL, Kusmunda	-

SOURCE GROUP	ACTION	IMPLEMENTATION PERIOD (SHORT/MID/LONG TERM)	TIME TARGET FOR IMPLEMENTATION	RESPONSIBLE AGENCY	Remark
	system along with new railway siding				
	c. Maintenance of existing ash dykes to prevent spreading of ash in nearby areas by keeping dyke wet, by covering it with soil etc.	IMMEDIATE	IMMEDIATE	Concerned Thermal Power Plants	
	d. Ensuring installation and operation of air pollution control devices in industries and taking action against defaulting industries.	IMMEDIATE	IMMEDIATE	CECB	
STRENGTHENING AAQ MONITORING	a. Presently 03 stations under NAMP Project are working. 01 more station at Geetanjali Nagar is proposed. b. 02 CAAQMS are operational at Indira complex, Jamnipali and Balco parisar, Balco nagar by M/s NTPC and BALCO respectively.	SHORT	June 2019	CECB	
PUBLIC AWARENESS	Issue of advisory to public for prevention and control of air pollution.	SHORT	March 2019	CECB	

SOURCE GROUP	ACTION	IMPLEMENTATION PERIOD (SHORT/MID/LONG TERM)	TIME TARGET FOR IMPLEMENTATION	RESPONSIBLE AGENCY	Remark
	Involvement of school and other academic institution in awareness program.	SHORT	March 2019	CECB	
OTHERS	Providing web portal for redressal of public complaints.	SHORT	March 2019	CECB	

