




DELHI'S CLIMATE CHANGE AGENDA 2009-2012

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Aspects of Climate Change

- ◆ Climate Change impacts on all aspects of life on Earth : Air, Water, Land, Vegetation, and Noise
- ◆ In urban areas the sources of pollution are many and man made and the effort is to mitigate the impacts of these effects without compromising on urban development
- ◆ The PM's NAPCC is the guide for Delhi's Climate Change Action Plan

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Sources of Green House Gases

- ◆ AIR : Transport is the biggest generator of green house gases in Delhi
- ◆ Industrial processes are another source
- ◆ WATER : Waste water pollutes the river Yamuna
- ◆ LAND: solid waste contributes to land pollution including hazardous waste
- ◆ NOISE : vehicles and generators are big polluters
- ◆ VEGETATION : tree cutting for development projects impacts on carbon sinks

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PM's NAPCC

- ◆ There are seven areas covered in this namely :-
- ◆ **Solar,**
- ◆ **Energy Efficiency,**
- ◆ **Sustainable Habitat,**
- ◆ **Water Conservation,**
- ◆ **Himalayan Ecosystem,**
- ◆ **Green India,**
- ◆ **Sustainable Agriculture and**
- ◆ **Strategic Knowledge**

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Delhi's Climate Change Plan

- ◆ It covers six of the eight subjects except Agriculture and Himalayan Ecosystem
- ◆ Sixty Five Action Plans have been recommended – one for each year of our independence upto 2012
- ◆ They cover all the areas and each department is charged with responsibility
- ◆ In case of multiple departments there is a nodal department to monitor the plans

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SOLAR MISSION & ENERGY EFFICIENCY

- ◆ Solar water heating of 5 lakh litres capacity
- ◆ Solar electricity to use 5% electricity from renewable sources like wind and solar
- ◆ 100 energy efficient buildings of 10000 sq ft covered area
- ◆ Use of CFL to be enhanced
- ◆ Star rating of equipments to be promoted
- ◆ Energy Management Center to collect data on energy consumption sector wise

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SUSTAINABLE HABITAT

- ◆ Deploy CNG buses
- ◆ Air Ambiance Fund
- ◆ Financing public transport infrastructure
- ◆ Improve fuel quality to 50 ppm sulphur
- ◆ Shut down coal fired power plants
- ◆ Convert waste to energy
- ◆ Make tiles out of waste cement blocks and bricks and demolition waste
- ◆ Green Building Code to be implemented
- ◆ Biomedical waste, mercury waste, electronic waste

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GREEN DELHI

- ◆ Increase green cover from 289 sq kms to 500 sq kms
- ◆ Plant city forests
- ◆ Parks and gardens to be rejuvenated by community involvement
- ◆ Green entire Delhi ridge
- ◆ Composting of waste leaves and green foliage
- ◆ Herbal gardens, vegetable gardens in schools
- ◆ Five million potted plants for CWG 2010

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WATER MISSION

- ◆ Water reuse to be done
- ◆ Conservation strategy to be implemented
- ◆ Interceptor sewers to be built
- ◆ Clean river Yamuna focus
- ◆ Build sewer systems and storm water systems in unauthorised colonies and rural areas to conserve water
- ◆ Water recharging of water bodies 620 identified so far and to be rejuvenated


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STRATEGIC KNOWLEDGE

- ◆ Use of bio fuel like waste oil
- ◆ Restrict use of fossil fuel in Delhi
- ◆ Promote battery operated vehicles
- ◆ Regulation and bench marking of energy consumption in buildings
- ◆ Hold international and Asian conference on Climate Change
- ◆ Education and training and awareness

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CONCLUSION

- ◆ There are issues of life style change and defining needs of urban livelihoods which are sustainable which need larger civil society involvement
- ◆ The above action plan needs the broader support of the community because government cannot do it alone
- ◆ All suggestions and role of activists in arresting global warming are welcome.

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