






S.N.	1
Action type	Mitigation
Action name	Solar grid connect system at RMC East Zone office
Start and end dates (year)	Start date: 2012 (10 years)
Summary (2-5 sentences)	Capacity: 50 kWp. Installed & Operated by LANCO Power.
Implementation status	Operational
Status bar graphic	Not available
Budget	INR 68 lakh
Financing source	Rajkot Municipal Corporation (70%) & Ministry of New and Renewable Energy – Govt. of India (30%)
Estimated GHG reductions (tons CO ₂ e or tons CO ₂ e/year)	Not available
Additional benefits	A clean, silent and eco-friendly source of power. Negligible maintenance as there are no moving parts. Long life span of solar modules. Simple installation: can be mounted on roof top or ground. Can be installed at point-of use to avoid transmission losses.
Lessons learned	
Publication	
URL to further information	
Image of action or icon	

S.N.	2
Action type	Mitigation
Action name	Solar grid connect system at RMC West Zone office
Start and end dates (year)	Start date: 2011 (10 years)
Summary (2-5 sentences)	Capacity: 60 kWp. Installed & Operated by TATA BP Solar.
Implementation status	Operational
Status bar graphic	Not available
Budget	INR 82.5 lakh
Financing source	Rajkot Municipal Corporation (70%) & Ministry of New and Renewable Energy – Govt. of India (30%)
Estimated GHG reductions (tons CO2e or tons CO2e/year)	Not available
Additional benefits	A clean, silent and eco-friendly source of power. Negligible maintenance as there are no moving parts. Long life span of solar modules. Simple installation: can be mounted on roof top or ground. Can be installed at point-of use to avoid transmission losses.
Lessons learned	
Publication	
URL to further information	
Image of action or icon	


S.N.	4
Action type	Mitigation
Action name	Energy saver Units for Street Lights
Start and end dates (year)	Start date: 2011 (10 years)
Summary (2-5 sentences)	27 (1 unit = approx. for 100 lights) energy savers are installed at central lighting road with heavy traffic. Istalled for HPSV lights. Avg. loading is 24 kWh.
Implementation status	Operational
Status bar graphic	Not available
Budget	INR 35 lakh
Financing source	Rajkot Municipal Corporation (100%)
Estimated GHG reductions (tons CO2e or tons CO2e/year)	Not available
Additional benefits	Intelligent control. Minimum maintenance cost. Alert controls. Energy savings of 30% & above. Alteration of light has ceased. No dark spots on road.
Lessons learned	
Publication	
URL to further information	
Image of action or icon	


S.N.	5
Action type	Mitigation
Action name	Hanjer MSW processing plant
Start and end dates (year)	Start date: 2006 (8 years)
Summary (2-5 sentences)	Capacity: 400 MT per day. Year of Establishment:2005. Financial model: Public Private Partnership (PPP) By-products: Bio-Fertilizer, Fluff (Green Coal), Eco-bricks, Recyclable plastic, metal & other.
Implementation status	Complete
Status bar graphic	Not available
Budget	12 hector land provided by RMC. Hanjer Biotech Energies Pvt. Ltd (Capital and O&M Cost)
Financing source	Rajkot Municipal Corporation & Hanjer Biotech Energies Pvt. Ltd
Estimated GHG reductions (tons CO2e or tons CO2e/year)	Not available
Additional benefits	Utilizes nearly 85% to 90% of waste and only leaves behind 10% to 15% of total waste as rejects. Better economic viability. Minimize the ground water pollution.
Lessons learned	
Publication	
URL to further information	
Image of action or icon	

S.N.	6
Action type	Mitigation
Action name	Bus Rapid Transit System (BRTS)
Start and end dates (year)	Start date: 2009 (20 years)
Summary (2-5 sentences)	Coverage: 63.50 Kms
Implementation status	Phase-I (Operational)
Status bar graphic	Not available
Budget	INR 470 Crore
Financing source	Govt. of India (50%), Rajkot Municipal Corporation (30%) & Govt. of Gujarat (20%)
Estimated GHG reductions (tons CO2e or tons CO2e/year)	Not available
Additional benefits	Highly randomized development with localized trips. Improving Urban Air quality. Supporting green Urban economy. Leverages the full scope for public space and accessibility improvement.
Lessons learned	
Publication	
URL to further information	
Image of action or icon	

S.N.	7
Action type	Mitigation
Action name	Solar Street lights & blinkers
Start and end dates (year)	
Summary (2-5 sentences)	200 Solar lights has been installed in various Parks & gardens in Rajkot
Implementation status	Complete
Status bar graphic	Not available
Budget	
Financing source	Rajkot Municipal Corporation (100%)
Estimated GHG reductions (tons CO2e or tons CO2e/year)	Not available
Additional benefits	Improving Urban Air quality. Securing Safe & resilient energy supply. Supporting green Urban economy. Energy conservation.
Lessons learned	
Publication	
URL to further information	
Image of action or icon	

S.N.	8
Action type	Mitigation
Action name	Pilot project to install LED street lights at Yagnik road
Start and end dates (year)	Start date: 2014
Summary (2-5 sentences)	Standing Committee has approved implementation of LED Street light pilot project at Yagnik Road
Implementation status	Proposed
Status bar graphic	Not available
Budget	INR 10 lakh
Financing source	
Estimated GHG reductions (tons CO2e or tons CO2e/year)	Not available
Additional benefits	Improving Urban Air quality. Securing Safe & resilient energy supply. Supporting green Urban economy. Energy conservation.
Lessons learned	
Publication	
URL to further information	
Image of action or icon	

S.N.	9
Action type	Mitigation
Action name	Sustainable MSW management practises
Start and end dates (year)	Continuos Process
Summary (2-5 sentences)	Total ban on Prohibited plastic. Mobile checking squad. Formation of Debris squad. Door-to-Door Collection.
Implementation status	Operational
Status bar graphic	Not available
Budget	INR 5 Crore (2013-14)
Financing source	Rajkot Municipal Corporation (100%)
Estimated GHG reductions (tons CO2e or tons CO2e/year)	Not available
Additional benefits	Total 1980 kg. prohibited plastic seized (till nov.2010). 18,585 nos of cases checked & amount of Rs.50,56,000/- admin charge collected from defaulters of cleanliness provisions by mobile checking squad. Total @ 25,500 MT debris collected from city area. Admin charge of Rs.2.16 Lacs has been levied against lifting of construction waste. Transportation Cost has reduced. Littering has reduced. Approximately 2,07,000 household units are covered by the sakhi mandals.
Lessons learned	
Publication	
URL to further information	
Image of action or icon	

S.N.	10
Action type	Mitigation
Action name	Use of technologically advance equipments for SWM
Start and end dates (year)	Continuos Process
Summary (2-5 sentences)	Minitipper installed with GPS system. Truck mounted vaccum machines. Closed container lifting compactor machine.
Implementation status	Operational
Status bar graphic	Not available
Budget	INR 20.70 Crore
Financing source	Rajkot Municipal Corporation & Govt. of Gujarat
Estimated GHG reductions (tons CO2e or tons CO2e/year)	Not available
Additional benefits	Improving urban air quality. Improving urban livelihoods. Supporting green urban economy. Improving public health.
Lessons learned	
Publication	
URL to further information	
Image of action or icon	

S.N.	11
Action type	Mitigation
Action name	Plantation of more than 25,500 trees
Start and end dates (year)	
Summary (2-5 sentences)	Approx. 25,500 trees have been planted by the Garden & Zoo department of RMC.
Implementation status	Complete
Status bar graphic	Not available
Budget	INR 3.75 Crore
Financing source	Rajkot Municipal Corporation
Estimated GHG reductions (tons CO2e or tons CO2e/year)	Not available
Additional benefits	Improving urban air quality. Improving urban livelihoods. Improving public health.
Lessons learned	
Publication	
URL to further information	
Image of action or icon	

S.N.	12
Action type	Mitigation
Action name	Storm water drain
Start and end dates (year)	
Summary (2-5 sentences)	Storm water drain system planned in the year 2012.
Implementation status	Proposed
Status bar graphic	Not available
Budget	INR 8 Crore
Financing source	Rajkot Municipal Corporation
Estimated GHG reductions (tons CO2e or tons CO2e/year)	Not available
Additional benefits	Prevention of water-logging. Water conservation. Preventon of flooding.
Lessons learned	
Publication	
URL to further information	
Image of action or icon	

S.N.	13
Action type	Mitigation
Action name	Gas based crematorium
Start and end dates (year)	2012 & 2013
Summary (2-5 sentences)	Two CNG based crematorium are constructed at Raiya road & Morbi road.
Implementation status	Operational
Status bar graphic	Not available
Budget	INR 8.11 Crore
Financing source	Rajkot Municipal Corporation & Govt. of Gujarat
Estimated GHG reductions (tons CO ₂ e or tons CO ₂ e/year)	Not available
Additional benefits	Save cutting down of trees. Reduces air pollution.
Lessons learned	
Publication	
URL to further information	
Image of action or icon	

S.N.	14
Action type	Mitigation
Action name	Paperless office Pilot project
Start and end dates (year)	
Summary (2-5 sentences)	Document Management System
Implementation status	Operational
Status bar graphic	Not available
Budget	INR 30 lakh
Financing source	Rajkot Municipal Corporation & Govt. of India
Estimated GHG reductions (tons CO2e or tons CO2e/year)	Not available
Additional benefits	Save trees. Efficient and timely management.
Lessons learned	
Publication	
URL to further information	
Image of action or icon	