



**Regional workshop
'Energy and Resource Efficiency in Urban Water Management'**

August 12, 2013

Venue: Hotel Ananda Inn, S.V. Patel Salai, Puducherry - 605 001

Organised by CSE, New Delhi

Supported by:
CCBP NURM, Ministry of Urban Development, Govt of India
Government of Puducherry

Time	Registration (9:30 - 10:00)	
(10:00 - 11:30)	Inaugural Session	Convenor: <i>S. Raghunathan, Chief Town Planner, Town and Country Planning Department</i>
10:00 – 10:05	Welcome Address	<i>Dr. S. Sundaravadivelu, Special Secretary, Housing and Town Planning, Govt of Puducherry</i>
10:05 – 10:15	Special Address by Guest of Honour	<i>N.G. Pannir Selvam, Hon'ble Local Administration Minister</i>
10:15 – 10:25	Special Address by Chief Guest – 'Policy overview for energy and resource efficiency in urban water management in Puducherry'	<i>P.R. Meena, Secretary, Public Works</i>
10:25 - 10:55	Objective and CSE presentation	<i>Dr. Suresh Kumar Rohilla, CSE</i>
10:55 - 11:15	Overview of NURM water/wastewater projects: Existing and proposed reforms/BMPs for energy and resource efficiency – target state presentations (Puducherry, Tamil Nadu, Andhra Pradesh, Karnataka, Kerala)	<i>Dr. Mahreen Matto, CSE</i> <i>Representatives of participating states-</i> <i>V. Bhuvaneshwaran, Puducherry.</i> <i>S.Amalraj, Tamil Nadu</i>
	<i>Vote of thanks</i>	<i>Representative of CSE</i>
11:15 - 11:30 (Tea)		
(11:30 - 13:00)	Session: Energy and Resource Efficiency in Urban Water Management: BMPs and Case studies	<i>Chair: Dr. S. Sundaravadivelu, Special Secretary, Govt of Puducherry</i> <i>Co Chair: Dr. Suresh Kumar Rohilla, CSE</i>
	Approaches and practices for energy and resource efficiency in water management	<i>Dr. Nidhi Pasi, CSE</i>
	Energy efficiency opportunities and challenges in water supply system	<i>Pradeep Kumar, ASE, Bangalore</i>
	Use of soil biotechnology for waste-water treatment	<i>Prof. H.S. Shankar, IIT-Mumbai</i>
	Energy efficient urban waste water treatment using Phytoid	<i>Dr. R. Biniwale, NEERI, Nagpur</i>
	Water neutral and energy neutral and low impact urban development in buildings	<i>P.Z. Thomas, Environmental Engineers & Consultants Pvt. Ltd., New Delhi</i>
13:00 - 14:00 LUNCH		

(14:00 - 17:15)	Technical Discussion: Operational challenges and strategies for mainstreaming reforms in NURM projects	
14:00 - 15:45	<p>Mainstreaming Energy & Resource efficiency in sustainable urban water management</p> <ol style="list-style-type: none"> 1. <i>Lalit Kishor Bhati, Architect-Urban Planner, Auroville-</i> Sustainable Urban Planning towards people & environment friendly inclusive urban development 2. <i>Gilles Boulicot, Auroville Centre for Scientific Research-</i> Surface water as a resource: Taking Auroville as an example 3. <i>Prof. Devi Prasad, Pondicherry University-</i> Peri-urban water markets as an instrument for managing urban water supply needs: A Pondicherry Perspective 4. <i>Prof. G. Poyyamoli, Pondicherry University-</i> Water footprint for sustainable management of water resources in Puducherry urban area 5. <i>Nandhi Muthu, Pondicherry University-</i> Water footprint as a tool for sustainable management of ground water resources in Pondicherry University, Puducherry, India 6. <i>P. Joseph Victor Raj, Director, HOPE-</i> Protection of water and water resources 7. <i>V. Radhakrishnan, SGWU-cum-Joint Project Co-ordinator, PWRO, Puducherry-</i> Status of water resources in Puducherry: Behaviour of ground water, methods of rain water harvesting and water conservation 8. <i>Aravindan Govindassamy, Sembadugai Nanneeragam-</i> The source of water in Pondicherry region and future demands of people <p>Panel Discussants: Pradeep Kumar, ASE; PZ Thomas, EEC Pvt. Ltd., New Delhi</p>	Chair: Dr. Suresh Kumar Rohilla, CSE Moderator: S. Raghunathan, Chief Town Planner, Govt of Puducherry
15:45 - 16:00 (Tea)		
16:00 - 17:15	<p>Mainstreaming Energy & Resource efficiency in sustainable wastewater treatment</p> <ol style="list-style-type: none"> 1. <i>S. Manohar, Chief Engineer, Public Works Department-</i> Urban water management and sewerage system 2. <i>Tency Baetens, Auroville Centre for Scientific Research-</i> Decentralized urban wastewater management 3. <i>Prof. M. Vikram Reddy, Pondicherry University-</i> Urban water quality management with reference to Urban Lake water quality restoration and management in India 4. <i>Hilal F. Fardin, Social Sciences Department, Institut Français de Pondichéry-</i> Major constraints of wastewater management in Puducherry area 5. <i>Celina Jauzelon, Social Sciences Department, Institut Français de Pondichéry-</i> Puducherry urban asset planning programme ; Testing a participatory methodology in development studies <p>Panel Discussants: Prof. H.S. Shankar, IIT-Mumbai, Dr. R. Biniwale, NEERI, Nagpur</p>	Chair: <i>Lalit Kishor Bhati, Architect-Urban Planner, Auroville</i> Moderator: Dr. Suresh Kumar Rohilla, CSE
17:15 - 17:30	Summing up and Vote of thanks	
Moderated by CSE		

For further information:

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