

1.1	Title of Sponsored Work	Supporting, Consolidation, replication and upscaling of sustainable waste water treatment and reuse technologies for India(SARASWATI)
1.2	Name of TERI SAS Department/ Centre (s) involved	DoPS
1.3	Type	Research Project
2.1	Sponsoring Agencies	Departement of Science & Technology
2.2	Location of work/activity	EU- India Multilateral Project
3.1	List of partnering Institutions involved	IIT Roorkee(Project Lead),IIT Chennai,IIT Kharagpur, NITIE Mumbai, TISS Mumbai
3.2	Lead Partner	Prof A.A Kazmi(IIT Roorkee)
4.1	Begin Date	02.07.2014
4.2	Completed or Ongoing	Completed
4.3	End Date	31.03.2018
5.1	Principal Investigator(s)-- Internal	Dr. Sukanya Das
5.2.	Principal Investigator(s)-- External	Dr A.A Kazmi, Dr Ligy Philip, Dr Makarand Gangrekar, Dr Anju Singh,Dr Surinder Jaswal
5.3	Co-Principal Investigator(s) --Internal	Dr Sukanya Das, Mr Karthick Radhakrishnan
5.4.	Co-Principal Investigator(s) --External	NA
5.3	Associated Researcher(s)-- internal	Amount for TERI SAS- 1350000
6.1	Amount Sanctioned	Amount for TERI SAS- 1350000
6.2	Amount received	500000(Madras School of Economics), 4,40000(TERI SAS)
6.3	In Kind support	Manpower(RA), Consumables,Mobility, Domestic Travel, Overhead
7.1	Description of work and activities	The prime goals of SARASWATI are to conduct an independent evaluation of already existing wastewater treatment plants in India, to consolidate and disseminate the gained knowledge from this evaluation, to assess the potential of carefully selected proven EU technologies for India, and to generate knowledge that can be used to replicate and scale up the most promising technologies for wastewater treatment and reuse in India, which will be an important step for solving grave water problems such as water scarcity and (river) water pollution.
7.2	Project Reach, engagements and beneficiaries, if applicable	Multiple stakeholders will be involved. River water
8.1	List of Publications including dissemination through social media	<p>Publications from TERI SAS</p> <p>Journals</p> <ol style="list-style-type: none"> 1. Das S., Radhakrishnan K(2019): Multicriteria decision making model of wastewater reuse: a stakeholders' perspective in the context of India, Desalination and Water Treatment Vol 165, pp-17-25 2. Radhakrishnan, K., & Das, S. (2019). Application of Stochastic Frontier Production Function in Sugarcane Industry-treated Wastewater Reuse in Agriculture: Case Study of a Coastal District in Tamil Nadu, India. Arthaniti: Journal of Economic Theory and Practice, 0976747918825019. 3. Bouzit, M, Das S.,Cary L.,2018. "Valuing Treated Wastewater and Reuse: Preliminary Implications From a Meta-Analysis." Water Economics and Policy 4.02 ; 1650044. 4. Starkl, M., Anthony, J., Aymerich, E., Brunner, N., Chubilleau, C., Das, S., Ghangrekar, M.M., Kazmi, A.A., Philip, L. and Singh, A., 2018. Interpreting best available technologies more flexibly: A policy perspective for municipal wastewater management in India and other developing countries. Environmental Impact Assessment Review, 71, pp.132-141. <p>Conference publications</p> <ol style="list-style-type: none"> 1. Das S., Radhakrishnan K. and Bouzit M 2018.Assessing the economic viability of alternative option for water management: a case of study of

		<p>Coimbatore District, Tamil Nadu in Nandan Nawn ., Joy Elamon edited INSEE Sustainability, Institutions, Alternatives; Voices, Policies and Commitments: Conference Proceedings, Delhi, Indian Society for Ecological Economics(INSEE)</p> <p>2. Das S., Radhakrishnan K. and Bouzit M. (2017) Assessing the economic viability of alternative option for water management: a case of study of Coimbatore District, Tamil Nadu. 4th Water Research Conference 10-13 September 2017, Waterloo, Ontario Canada. https://www.elsevier.com/events/conferences/water-research-conference/program</p> <p>3. Das S and Karthick R(2017): Communities preferences for wastewater and reuse in Noyyal river basin International Conference on the Status and Future of the World's Large Rivers, April 18-21, 2017, New Delhi</p> <p>4. Das S., Radhakrishnan K(2017): Assessment of Stakeholders' preference on alternative methods in reuse water using Analytical Hierarchy Process (AHP): a case study of Coimbatore district, India, ANZSEE (Australia and New Zealand Society for Ecological Economics) Conference at the University of South Australia, City East Campus, Adelaide, SA from 9 – 13th January 2017.</p> <p>5. Chopra V., Das S(2016): Addressing the issue of water demand in Delhi: Some alternative options, IFLA-URBIO 25-27 October , 2016, Panama City, Panama.</p> <p>6. Das S., Madjid B., Cary L(2016): Evaluating consumer's preference for wastewater treatment: A case study of Tamil Nadu" INSEE 8th Biennial Conference on 'Urbanisation and Environment', 4th-6th Jan 2016.</p> <p>7. Madjid B., Das S., Cary L(2015): Valuing treated wastewater: A review of applications and issues for further actions, accepted for International Seminar on Natural Resource and National Accounts in South Asia, 5th-6th February, 2015, Institute for Social and Economic Change, Bangalore.</p> <p>8. Starkl M., Brunner N ., Das S(2013): A model for matching beneficiaries and financiers: the case of cooperation for wastewater infrastructure provision in India, accepted for Stockholm World Water Week , September, 2013</p>
8.2	Links to Events page, if any	
9.	Executive Summary and other documents	