

Project Title																		
Thrust Area (Tick the appropriate box. Thrust area and its subcomponent, are at Page 3)	1	2	3	4		5						6						
				a	b	a	b	c	d	e	f	a	b	c	d	e	f	g
Level (Please tick the appropriate box)	Level-II: Joint Projects between research institutions and industry								Level-III: Scaling up of proof of concepts by a factor of 10 to 25									
Name and affiliation	PI					Co-PI					Participating Industry							
Years of experience in WMT						Is Ph.D. or Post Doc in the Proposed field/WMT												
Publications in the last 3 years in the field of WMT											SCI							
											Non SCI							
Mobile Number						Email												

Project Objectives	
Project Deliverables	

Project Title			
What is new			
Patented/ Applied for Patent/Patentable			
Proof of Concept established			
Current status of technology in terms of "Technology Readiness Level"		Expected level at the end of the project	
Demonstration site identified			
Global Scenario			
Indian Scenario			
Likely Industries which can take up your technology for commercialization			
Budget	Total Budget		
	Budget Req. from DST		
	Industry Contribution		
Flow sheet of proposed methodology			
Reviewer's comments	For Office Use Only		

THRUST AREAS

- 1. Newer Technologies for Biomedical waste**
- 2. Laboratory Hazardous & Non- Hazardous Waste Management- Demo Plant**
- 3. Agricultural waste/Stubble management (Waste to Wealth), alternative to burning**
- 4. E-Waste**
 - a. Development of simple indigenous material recovery technology for specific applications (precious & other metals, plastics, glass and rare earths) in collaboration with industry.
 - b. Green Product development and Design for recycling.
- 5. Urban & Rural Solid Waste, including Plastic Waste**
 - a. Existing Landfills: Gas Extraction, Leachate Treatment, Material Mining, Remediation, Value-added Material Recovery
 - b. Non-recyclable packaging material.
 - c. Household hazardous waste
 - d. Construction & demolition debris
 - e. Co-digestion of sewage sludge
 - f. End of Life Vehicles
- 6. Industrial Hazardous & non-hazardous Wastes**
 - a. Mining Waste: Overburden, Tailing Pond
 - b. Metallurgical Waste
 - c. Cost effective treatment of refractory organics
 - d. Recycling/recovery of value added materials from hazardous/non-hazardous wastes
 - e. Solid Waste from Chemical Industry (such as adsorbents like ion exchange resins, activated carbon, clays, membranes)
 - f. Membrane rejects and Salts
 - g. Industrial sludges