# Promoting Partnership among Key Stakeholders for WEF Nexus: TISTR Perspectives

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## **TISTR** at a Glance



A non-profit state enterprise under MOST



A leading organization in integration of STI for creation of a sustainable innovation-based society



- To conduct R&D in STI for value adding of products & services
- To provide services in MSTQ, cert. of QMS, training & consultancy services
- To transfer technology & innovation to industry & community enterprises, for economic, social and environmental utilizations
- To develop an effective organizational management system



## SDGs & TISTR O'Z'O'N'E Concept



## **Case I: STIM Program**





#### **SDGs**

SUSTAINABLE G ALS



Ensure Environmental Sustainability

MDGs+ : Increase the Share of Municipal Waste Recycled to **30%** 

(2014 Assessment: Not Achieved)



#### MSW Management in a Sustainable Way

Sustainable Solutions for Municipal Solid Waste and Plastic Waste Management

Integrate the Concept of Technology and 3Rs for Solid Waste Management

Reduce the Impacts on the Environment and Climate Change Under the Sustainable Waste Management

Increases Separation of Waste, the Efficiency of Recycling and Treatment to more Environment Friendly Process

Use Technology for W2E

### **Case II**: A National Agenda on Municipal Solid Waste Management (MSW)



### **MSW Problems: Cause & Effect**



### **A National Agenda on MSW**



(MSW > 300 t/d) (MSW 50-300 t/d) (MSW < 50 t/d)

**Types of MSW** 

### Sustainable Solutions for Municipal Solid Waste and Plastic Waste Management





## **Future Direction**



Resilience for All Kinds of Challenges