

Project title: **PLASTICSHREDS: REGULATIONS GOVERNING THE USE OF PLASTIC WASTE IN CONSTRUCTION**

Organisation Details

Organisation:	Diversey
Organisation Description:	Diversey's mission is to protect and care for people through leading hygiene, infection prevention, and cleaning solutions. We develop and deliver innovative products, services, and technologies that save lives and protect our environment. Over the course of 95 years, the Diversey brand has become synonymous with product quality, service, and innovation. Our fully-integrated suite of solutions combines patented chemicals, dosing and dispensing equipment, cleaning machines, services, and digital analysis. We are a trusted partner; serving more than 85,000 customers in over 80 countries with a network of approximately 8,500 employees globally. We are the leading global provider to the cleaning and hygiene industry for the institutional and food and beverage markets. We provide customers peace of mind by helping maintain their brand integrity so they can focus on growing their business. Through end-to-end repeatable services we deliver the highest standards across customer locations to achieve improved operational efficiency and environmental sustainability.
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Project Details

SDGs:	9 Industry, Innovation and Infrastructure 11 Sustainable Cities and Communities
Project objective:	What are the regulations governing the use of plastic wastes as aggregates in building structures such as roads, badminton courts, carparks, etc? Objective 1: regulations pertaining to potential of microplastics seeping into the environment, and Objective 2: if the structures need to be demolished, are there regulations pertaining to plastic wastes embedded in the structures.
Expected outcomes:	Literature review of existing regulations governing the use of plastic waste as aggregates, globally. How are these regulations implemented and enforced? Best practices of the use of plastic wastes as aggregates in construction, globally.
Deliverables:	Reports and recommendations.
Resources	

available:

<https://www.zermatt.ch/en/Media/News/Sustainability/Pilot-project-recycled-plastic-road-surface>

<https://www.orbia.com/this-is-orbia/news-and-stories/plastic-road/>

<https://edition.cnn.com/videos/world/2018/07/02/plastic-roads-uk.cnn>

https://www.youtube.com/watch?v=Bq7UCtQ_tj8

<https://www.youtube.com/watch?v=0vPLxwmf2dY>

<https://www.chicagotribune.com/business/ct-biz-plastic-recycled-roadways-20181029-story.html>

<https://www.facebook.com/worldeconomicforum/videos/india-is-building-roads-from-plastic-waste/10154758571286479/>

<https://www.youtube.com/watch?v=uShp8o8zhnE>

https://plasticroad.com/en/?gclid=Cj0KCQjw7KqZBhCBARIsAI-fTKJ9ot6oU9LxFm0qVD9wZ7aI7DC0F5eC8vUPy9WBdcN9wH3-1Hxz9e0aAI-gEALw_wcB