

























SI. No	Waste	Material Utilised	UoM	Quantity	Resource Conserved/Saved	UoM	Quantity
1	Pond Ash		MT	7,155,300	Topsoil	МТ	440,320
					Soil suitable for RE Wall	МТ	8,806,523
					Financial	in Lakhs Rs	4,403
		6			Diesel	Litres	2,764,783
2	Flyash		MT	70,659	Cement	МТ	70,659
					Financial	in Lakhs Rs	2,932
					Embodied Energy	MJ	283,695,825
2	Waste Plastic		MT	0.25	Bitumen	МТ	0.21
3					Embodied Energy	MJ	9387





Intangible Benefits-Waste Utilisation & Resource Conservation



Areas	Benefits			
Social Benefit	New employment opportunities to under privileged, Clean Water, Fertile topsoil, Clean air, Prevention of soil erosion, Prevention of Landslides, Flooding, etc			
Motivation	Employees are motivated to identify & deploy cross functional technology to get maximum value additions			
Aesthetics	Creation & Preservation of biodiversity creates aesthetic appeal to highway & adjoining areas			
Skill Upgradation	Cross functional knowledge sharing helps in job enrichment			
GHG Emissions Reduction inline with COP21*, Paris Agreement	Large scale implementation of the initiatives largely reduces CO_2 emission (including embodied emissions) as resources are no longer required to be consumed thereby cutting of the entire chain of CO_2 emissions			
Shaping Business Landscape	Inculcating importance of nature preservation through sustainable accelerated growth value creation by large scale structured implementation of initiatives			
tangible benefits reaped out of waste utiliz	ation & conservation of resources which would have utilized in conventional practices are enumerated above. Adani Road Transport Ltd.			

*COP21-UN Climate Change Conference













Areas

Development

Stakeholders &

Communication-

Consented Decision Value Drivers

Congruent

Job Enrichment/Talent

Common Data for all

Major Learnings

Le	earnings
1) 2)	Understanding stake holders' interests & aligning them to solve bigger and common challenges Cross functional technology identification & deployment
1) 2) 3)	Understanding data requirements from each stakeholders & customizing dashboards suiting for the requirement to facilitate automated real time reporting Saving time for data handling & rehandling based on stakeholder requirements by automating process Avoid errors due to data reworks
1)	Identifying new value drivers like timely implementation of environment sustainable initiatives thereby conserving resources & creating financial savings

	conserving resources & creating financial savings2) Sustainable accelerated growth through implementation in large scale
Ambience	1) Preservation & creation of biodiversity beautifies the highway project surrounding
Lean	1) Reducing waste/non-value adding activities

Major learnings are enumerated above which has resulted in organization enrichment and will further seed continual improvement process.

Adani Road Transport Ltd.







