

Appendix 1. MRWA Assessment against SDG's 2021

UN SDG's by 2030	SDG Target	SDG Indicator (outcome)	Corporate Plan Aim	Corporate Plan Objective	Corporate Target	Corporate Plan Outcome /KPI	Examples
2. End hunger, achieve food security	2.1. End hunger and ensure access to sufficient food	2.1.2. Prevalence of food insecurity	1. Improve the sustainable management of waste and resources	1.1 Maximise the value of otherwise wasted resources in terms of economic, environmental, and social benefits		Kg's/Tonnes of unwanted food being used to feed local people (food banks, surplus food businesses, etc.).	Alchemic Kitchen
				1.2 Work with stakeholders. to support the local economy and benefit the local community			
		2.2.2. Prevalence of malnutrition		1.3 Reduce waste and promote unwanted materials as a valuable resource			
4. Education and lifelong learning	4.7 All learners have the knowledge and skills education for sustainable development and sustainable lifestyles	4.7.1 Extent to which education for sustainable development in education policies, curricula, teacher education and student assessment	1. Improve the sustainable management of waste and resources	1.1. Maximise the value of otherwise wasted resources in terms of economic, environmental, and social benefits		No people served by education programmes at RDC, etc.	Education Programme
				1.2. Work with stakeholders. to support the local economy and benefit the local community			
				1.2 Reduce waste and promote unwanted materials as a valuable resource		Member and staff training programme	RDC

UN SDG's by 2030	SDG Target	SDG Indicator (outcome)	Corporate Plan Aim	Corporate Plan Objective	Corporate Target	Corporate Plan Outcome /KPI	Examples
							Southport Eco-Centre
							Training and Development Plan
5. Achieve gender equality and empower all women and girls	5.1 End all forms of discrimination against women everywhere	5.1.1 Legal frameworks in place to promote, enforce and monitor equality					Equal Opportunity Policy
	5.5 Ensure women's equal opportunity for leadership at all levels of decision-making	5.5.2 Proportion of women in managerial positions					Equal Opportunity Policy
							Training and Development Plan
6. Ensure sustainable management of water	6.3 Improve water quality by eliminating dumping		1. Improve the sustainable management of waste and resources	1.1 Maximise the value of otherwise wasted resources in terms of economic, environmental, and social benefits		See SDG 12	
				1.2 Work with stakeholders to support the local economy and benefit the local community			
				1.3 Reduce waste and promote unwanted materials as a valuable resource			

UN SDG's by 2030	SDG Target	SDG Indicator (outcome)	Corporate Plan Aim	Corporate Plan Objective	Corporate Target	Corporate Plan Outcome /KPI	Examples
	6.4 Increase water-use efficiency					Need to assess if we have any examples across the Estate	
	6a Recycling and re-use of water					ditto	
7. Access to sustainable energy.	7.2 increase share of renewable energy	7.2.1 Renewable energy share in the total final energy consumption	4. Measure and report on climate change impacts and sustainability improvements	4.1 Reducing climate change impacts through a programme of reviewing, benchmarking and reporting		Need to assess across the Estate	EMS
				4.2 Establishing targets that stretch performance to bring improvements			Solar on roofs?
				4.3 Reporting on all our activities openly and transparently			
	7.3 Double rate of energy efficiency	7.3.1 Energy intensity measured in terms of primary energy and GDP	4. Measure and report on climate change impacts and sustainability improvements	4.1 Reducing climate change impacts through a programme of reviewing, benchmarking and reporting		As 7.2	EMS
				4.2 Establishing targets that stretch performance to bring improvements			Replacement leachate pumps?
				4.3 Reporting on all our activities openly and transparently			

UN SDG's by 2030	SDG Target	SDG Indicator (outcome)	Corporate Plan Aim	Corporate Plan Objective	Corporate Target	Corporate Plan Outcome /KPI	Examples
8. Promote sustainable economic growth, decent work for all	8.3 Encourage the formulation and growth of micro, small and medium-sized enterprises	8.3.1 Proportion of informal employment in non-agriculture employment					Input into Local Industrial Strategy and LEP Clean Growth Board
	8.4 Improve global resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation	8.4.1 Material footprint, material footprint per capita and material footprint per GDP	1. Improve the sustainable management of waste and resources	1.1 Maximise the value of otherwise wasted resources in terms of economic, environmental, and social benefits		Need to assess any Circular Economy measures	Circular Economy Club
				1.2 Work with stakeholders. to support the local economy and benefit the local community			
				1.3 Reduce waste and promote unwanted materials as a valuable resource			Local Industrial Strategy
	8.7. End forced labour and modern slavery						Modern Slavery Statement and Veolia and Suez Policies?

UN SDG's by 2030	SDG Target	SDG Indicator (outcome)	Corporate Plan Aim	Corporate Plan Objective	Corporate Target	Corporate Plan Outcome /KPI	Examples
	8.9 Promote sustainable tourism that creates jobs and promotes local culture and products	8.9.1 Tourism GDP					Circular Economy Club
		8.9.2 Jobs in sustainable tourism...out of total tourism jobs.					Community Fund
							Produce tourism Sustainable Event Waste management Guide?
9. Build resilient infrastructure	9.4 Upgrade infrastructure and retrofit to make sustainable, with increased resource-use efficiency and greater adoption of clean technologies...		4. Measure and report on climate change impacts and sustainability improvements	4.1 Reducing climate change impacts through a programme of reviewing, benchmarking and reporting			EMS
				4.2 Establishing targets that stretch performance to bring improvements			Climate Action Plan
				4.3 Reporting on all our activities openly and transparently			Solar on roofs
							Authority reports

UN SDG's by 2030	SDG Target	SDG Indicator (outcome)	Corporate Plan Aim	Corporate Plan Objective	Corporate Target	Corporate Plan Outcome /KPI	Examples
							Annual Report
11. Make cities and settlements sustainable	11.6 reduce the adverse per capita environmental impact of cities, special attention to air quality and municipal and other waste management		1. Improve the sustainable management of waste and resources	1.1 maximise the value of otherwise wasted resources in terms of economic, environmental, and social benefits		As SDG 12	As SDG 12
				1.2. Work with stakeholders. to support the local economy and benefit the local community			
				1.3 Reduce waste and promote unwanted materials as a valuable resource			
	11.7 Access to accessible green spaces		3.Cooperate to improve working arrangements	3.1 Considering how waste services can best be aligned to deliver climate change objectives.		Green space on Estate used for carbon sequestration/public access	Bidston Moss
							Billinge
				3.2 Work collaboratively to identify and deliver more impactful ways of working			Foul lane
							Carbon sequestration project Foul Lane

UN SDG's by 2030	SDG Target	SDG Indicator (outcome)	Corporate Plan Aim	Corporate Plan Objective	Corporate Target	Corporate Plan Outcome /KPI	Examples
							Food waste collection procurement options
	11b. Implementing policies and plans towards resource efficiency adaption to climate change		See SDG 12				Zero Waste Strategy
							Circular Economy Plan?
12. Ensure sustainable consumption and production patterns	12.2 Achieve the sustainable management and efficient use of natural resources	12.2.1 Material footprint, material footprint per capita and material footprint per GDP	1. Improve the sustainable management of waste and resources	1.1 Maximise the value of otherwise wasted resources in terms of economic, environmental, and social benefits		Tonnes [material] per year, per hh, per capita, %'s rates according to the waste hierarchy, rates per District	Zero Waste Strategy based on waste hierarchy
				1.2 Work with stakeholders. to support the local economy and benefit the local community			
		12.2.2 Domestic material consumption, and per capita and per GDP		1.3 Reduce waste and promote unwanted materials as a valuable resource		Carbon metrics	Community Fund
							Circular economy
							Behavioural Change Prog etc.,

UN SDG's by 2030	SDG Target	SDG Indicator (outcome)	Corporate Plan Aim	Corporate Plan Objective	Corporate Target	Corporate Plan Outcome /KPI	Examples
							Carbon working group?
							Education programme
	12.3 Halve per capita global food waste reduce food losses along production and supply chains, including post-harvest losses	12.3.1 Food loss index and food waste index	1. Improve the sustainable management of waste and resources	1.1 Maximise the value of otherwise wasted resources in terms of economic, environmental, and social benefits		Food waste tonnes per hh/capita	LFHW
				1.2 Work with stakeholders. to support the local economy and benefit the local community			
				1.3 Reduce waste and promote unwanted materials as a valuable resource			Surplus food
	12.4. Environmentally sound management of all wastes	12.4.1 Party to international environmental agreements on hazardous waste and chemicals	1. Improve the sustainable management of waste and resources	1.1 Maximise the value of otherwise wasted resources in terms of economic, environmental, and social benefits		Tonnes [material] per year, per hh, per capita, %'s rates according to the waste hierarchy, rates per District	Zero Waste Strategy based on waste hierarchy
				1.2 Work with stakeholders. to support the local economy and benefit the local community			

UN SDG's by 2030	SDG Target	SDG Indicator (outcome)	Corporate Plan Aim	Corporate Plan Objective	Corporate Target	Corporate Plan Outcome /KPI	Examples
						Setting 'substantial' reduction targets – National W+R Strategy targets? Trajectories to those targets e.g. 65% by 2035	
							Circular Economy
	12.6 Encourage companies to adopt sustainable practices and integrate into their reporting cycle	12.6.1 Companies publishing sustainability reports	1. Improve the sustainable management of waste and resources	1.1 Maximise the value of otherwise wasted resources in terms of economic, environmental, and social benefits		Business on CE Programme	Annual report
				1.2 Work with stakeholders. to support the local economy and benefit the local community			
				1.3 Reduce waste and promote unwanted materials as a valuable resource			Circular Economy Club
	12.7 Promote sustainable procurement practices	12.7.1 Countries implementing sustainable public procurement policies and action plans	1. Improve the sustainable management of waste and resources	1.1 Maximise the value of otherwise wasted resources in terms of economic, environmental, and social benefits		Sustainable Procurement – assess future needs for SDG outcomes	VLR/Annual report against SDG's
				1.2 Work with stakeholders. to support the local economy and benefit the local community			

UN SDG's by 2030	SDG Target	SDG Indicator (outcome)	Corporate Plan Aim	Corporate Plan Objective	Corporate Target	Corporate Plan Outcome /KPI	Examples
				1.3 Reduce waste and promote unwanted materials as a valuable resource		Sustainable Procurement Strategy	
	12.8 Relevant information and awareness	12.8.1 Extent to which education for sustainable development in education policies, curricula, teacher education and student assessment	1. Improve the sustainable management of waste and resources	1.1 Maximise the value of otherwise wasted resources in terms of economic, environmental, and social benefits		Revised Corporate Plan and SDP	Education Programme
				1.2 Work with stakeholders. to support the local economy and benefit the local community			
				1.3 Reduce waste and promote unwanted materials as a valuable resource			
	12b. Monitor sustainable development impacts for sustainable tourism	12b.1 Sustainable tourism strategies or policies and action plans	1. Improve the sustainable management of waste and resources	1.1 Maximise the value of otherwise wasted resources in terms of economic, environmental, and social benefits		See SDG 8	
				1.2 Work with stakeholders. to support the local economy and benefit the local community			
				1.3 Reduce waste and promote unwanted materials as a valuable resource			

UN SDG's by 2030	SDG Target	SDG Indicator (outcome)	Corporate Plan Aim	Corporate Plan Objective	Corporate Target	Corporate Plan Outcome /KPI	Examples
13. Climate Action	13.2 Integrate climate change measures into (national) policies strategies and planning	13.2.1 Operationalisation of an integrated policy/strategy/plan which increases ability to adapt foster climate resilience and low greenhouse gas emissions	2. We will deliver effective waste services	2.1 Managing our services to deliver continuous improvement in sustainability		Annual CAP report	Climate Action Plan 2020
				3.1 Considering how waste services can be best aligned to deliver climate change objectives		Development of climate action measurements/metrics	
			3. Co-operate to improve working arrangements				
				4.1 Reducing climate change impacts through reviewing, benchmarking and reporting.			
			4. Measure and report on climate change impacts	4.2 Establishing targets that stretch performance to bring improvements.			
				4.3 Reporting on all our activities openly and transparently.			
				4.4 Ensuring that our staff are deployed effectively and have opportunities to develop the new skills needed.			

UN SDG's by 2030	SDG Target	SDG Indicator (outcome)	Corporate Plan Aim	Corporate Plan Objective	Corporate Target	Corporate Plan Outcome /KPI	Examples
	13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning	13.3.1 Integration into curricula	1. Improve the sustainable management of waste and resources	1.1 Maximise the value of otherwise wasted resources in terms of economic, environmental, and social benefits		No people going through waste education programmes	Education Programme
				1.2 Work with stakeholders. to support the local economy and benefit the local community			
		13.3.2 Strengthening of institutional, systemic and individual capacity-building to implement adaptation, mitigation and technology transfer and development actions		1.3 Reduce waste and promote unwanted materials as a valuable resource			
14. Life Below Water	14.1 Reduce marine pollution from land-based activities	14.1.1 index of floating plastic debris density	1. Improve the sustainable management of waste and resources	1.1 Maximise the value of otherwise wasted resources in terms of economic, environmental, and social benefits			End destinations reporting
				1.2 Work with stakeholders. to support the local economy and benefit the local community			

UN SDG's by 2030	SDG Target	SDG Indicator (outcome)	Corporate Plan Aim	Corporate Plan Objective	Corporate Target	Corporate Plan Outcome /KPI	Examples
							Re-use Hub Wirral Waters?