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connacht-ulster
waste region



eastern - midlands
waste region



southern
waste region

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Operating Properly

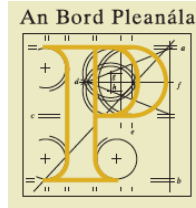
Not Operating Properly





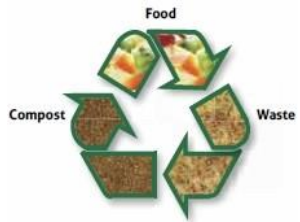






**Roinn Cumarsáide, Gníomhaithe
ar son na hAeráide & Comhshaoil**
Department of Communications,
Climate Action & Environment







POLITICS

DECISION

PEOPLE

IDEA

CITIZEN

PROMISE

STATE

LAW

GOVERNMENT

PARTY

CORRUPTION

POLITICIAN

CENTRE

MEMBER

ETHICS

GOAL

RIGHT-WING

IDEOLOGY

OPPOSITION

CONSTITUTION

COALITION

POLITIKOS

INTEREST

LEFT-WING

STUDY

POLITICAL

RELATIONSHIP

CANDIDATE

EXPERIENCE

PLATFORM

PUBLIC

ELECTION

CAMPAIGN

LIBERAL

POWER

WORLD

AFFAIR

DEMOCRACY

ORGANIZATION

TRUST

OPPOSEST



NO CONFIDENTIALITY

Confidence to Supply













**Household Waste
Recycling Centre**



①

Incentivise Households to Access Fixed Services

E22a. The Plans support the primacy of kerbside source segregated collection of household and commercial waste as the best method to ensure the quality of waste presented.





Three large, dark green recycling bins are lined up on a gravel surface. The bin on the left has a green lid and is labeled 'Green Organics'. The middle bin has a red lid and is labeled 'General Waste'. The bin on the right has a yellow lid and is labeled 'Recycling'. The background shows trees and a blue sky with white clouds.

Green
Organics

General
Waste

Recycling



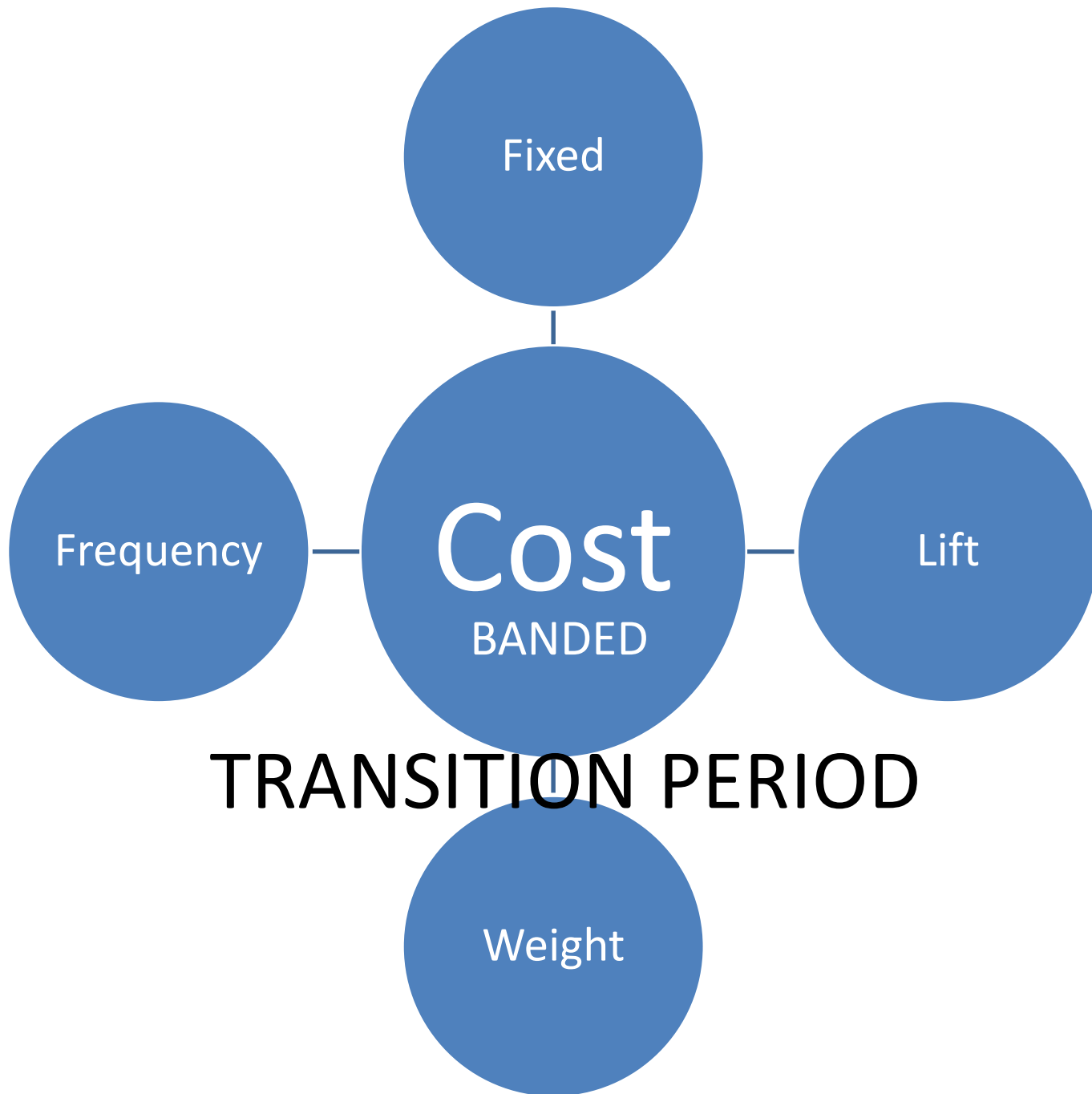


PAY BY WEIGHT

KNOW YOUR WASTE, CONTROL YOUR COST



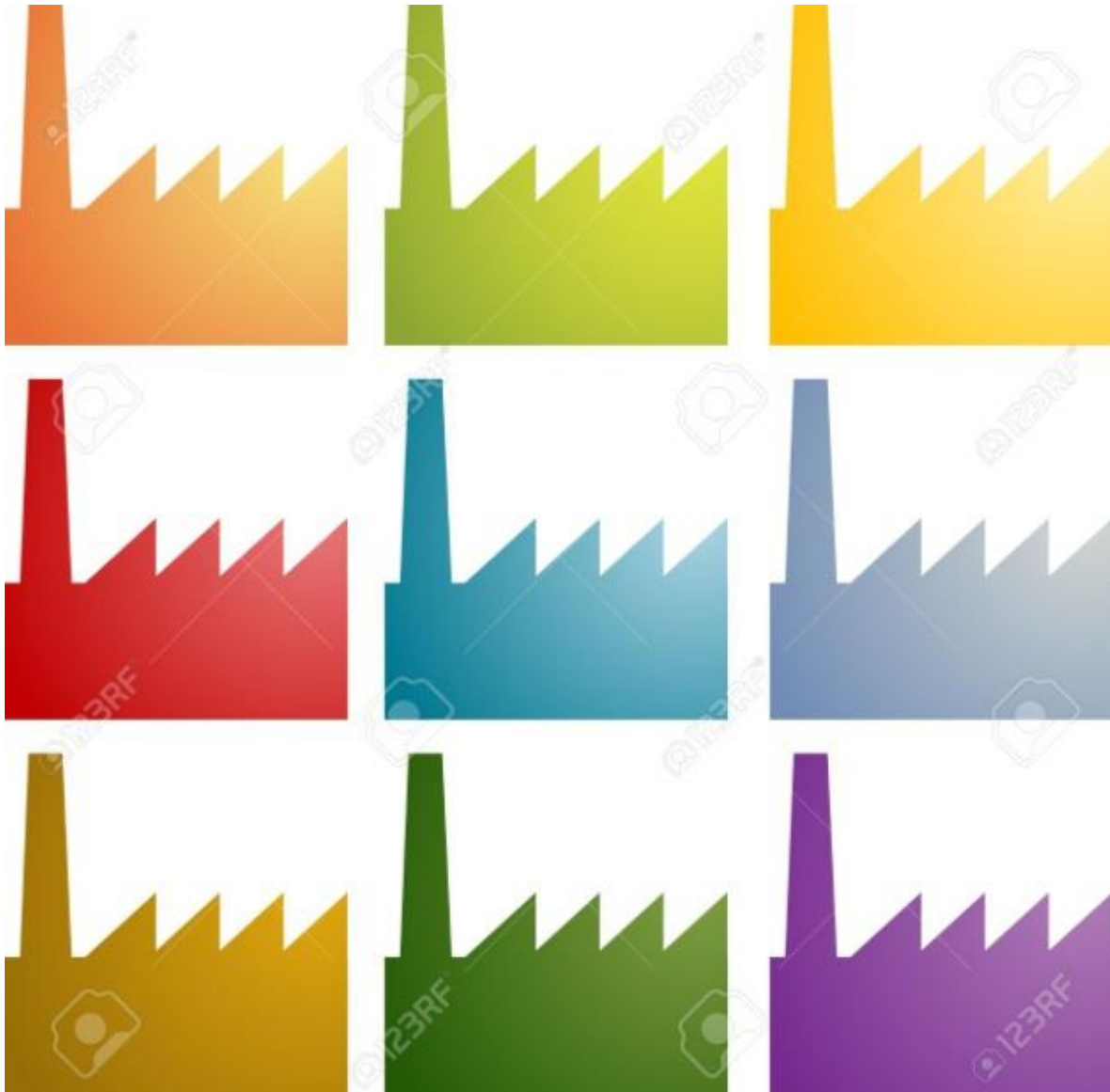




②

Matrix of Options for Households

A2. Implement the polluter pays principle across all waste services and regulatory activities in a manner appropriately reflecting the risk to the environment and human health.











Waste Management Infrastructure

Siting Guidelines

Eastern Midlands Region / Connacht Ulster Region / Southern Region
Waste Management Plans 2015 - 2021



G.3.1 Prepare Siting
protection criteria

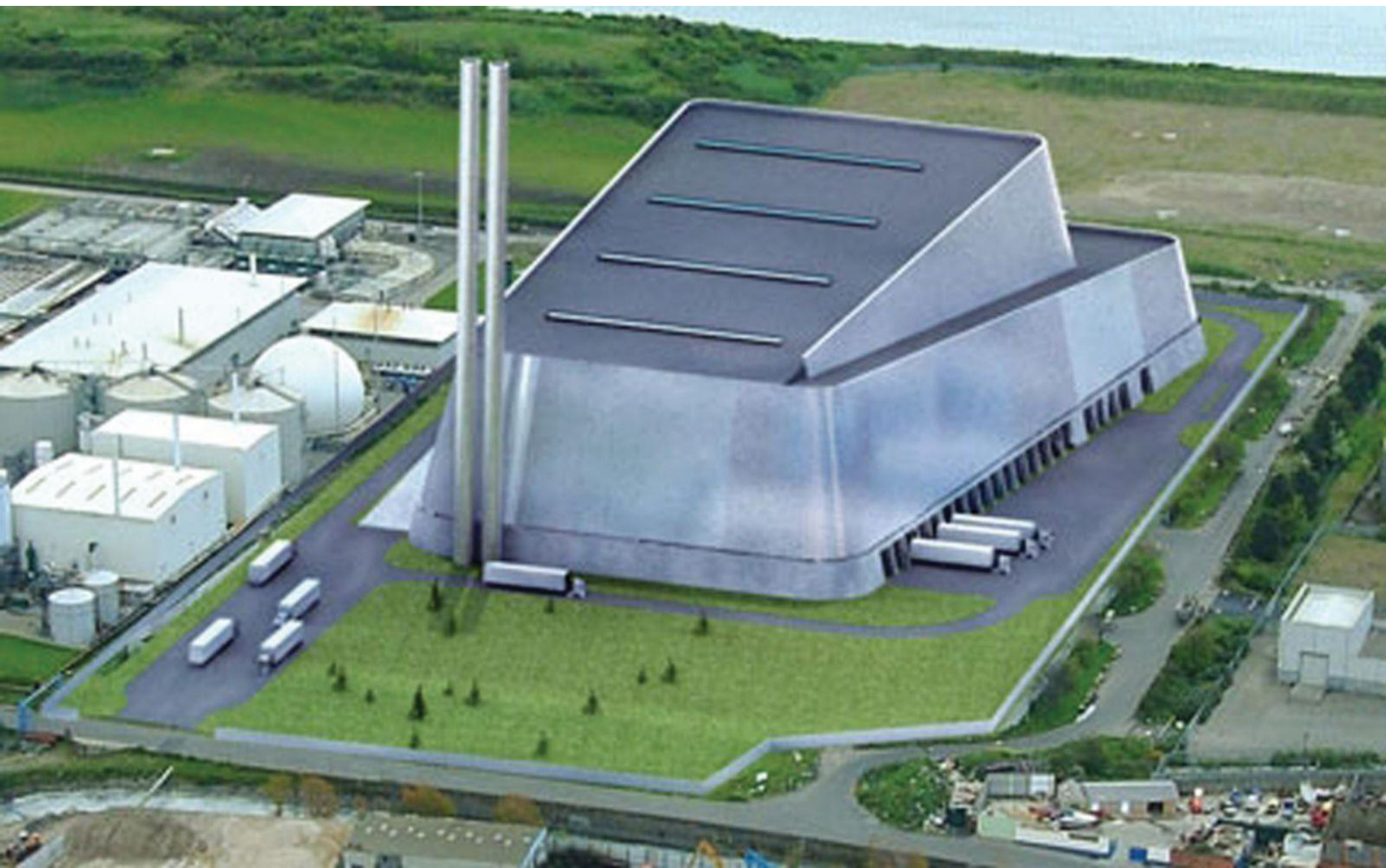
General environmental

www.emwr.ie
www.curwmo.ie
www.southernwasteregion.ie











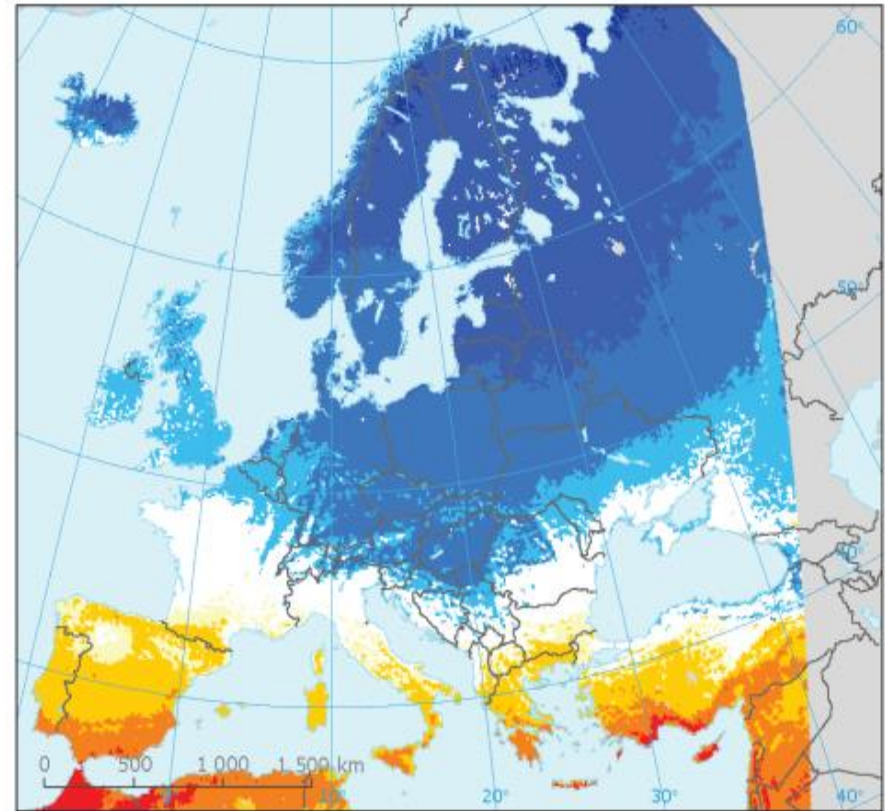
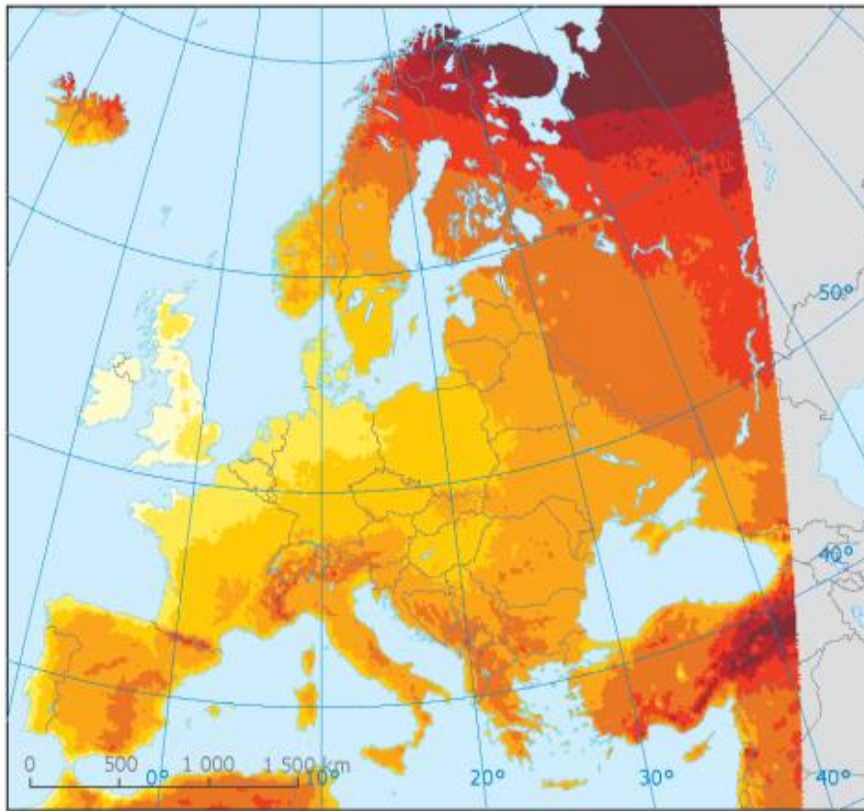
④

Thermal Recovery Capacity

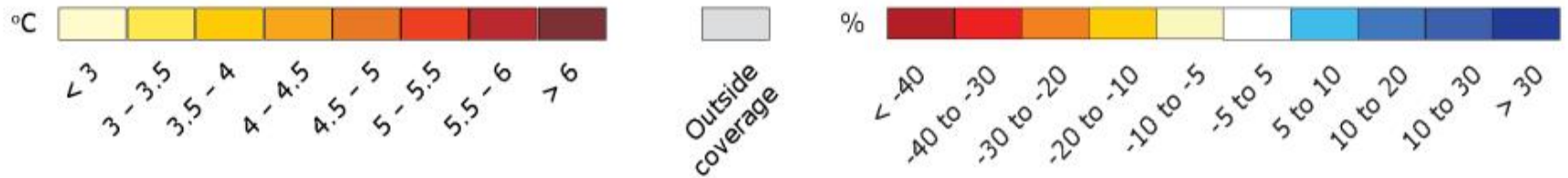
E15a.the development of up to 300,000 tonnes of additional thermal recovery capacity nationally







Projected changes in annual mean temperature (left) and annual precipitation (right)





⑤

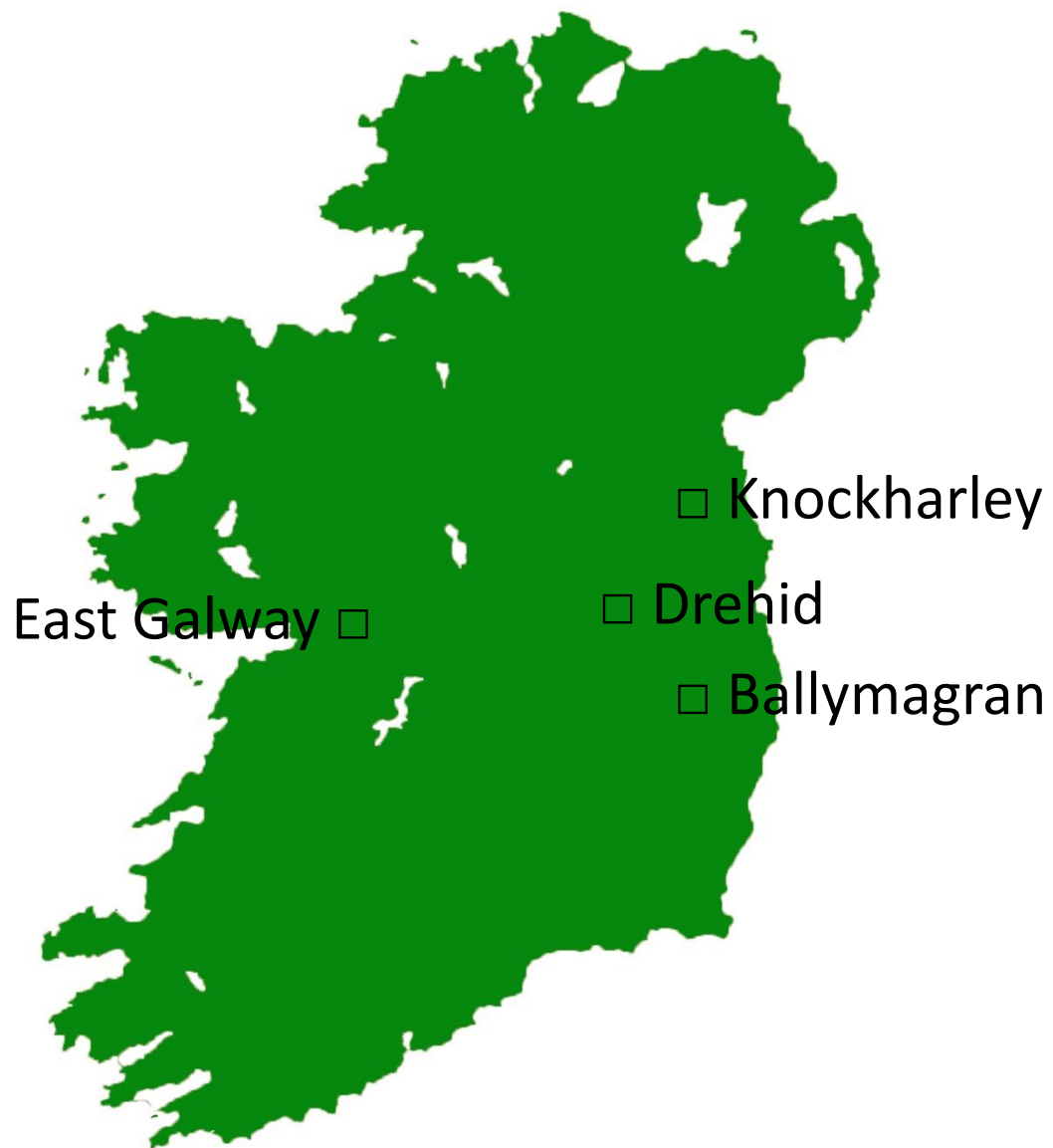
Export Capacity

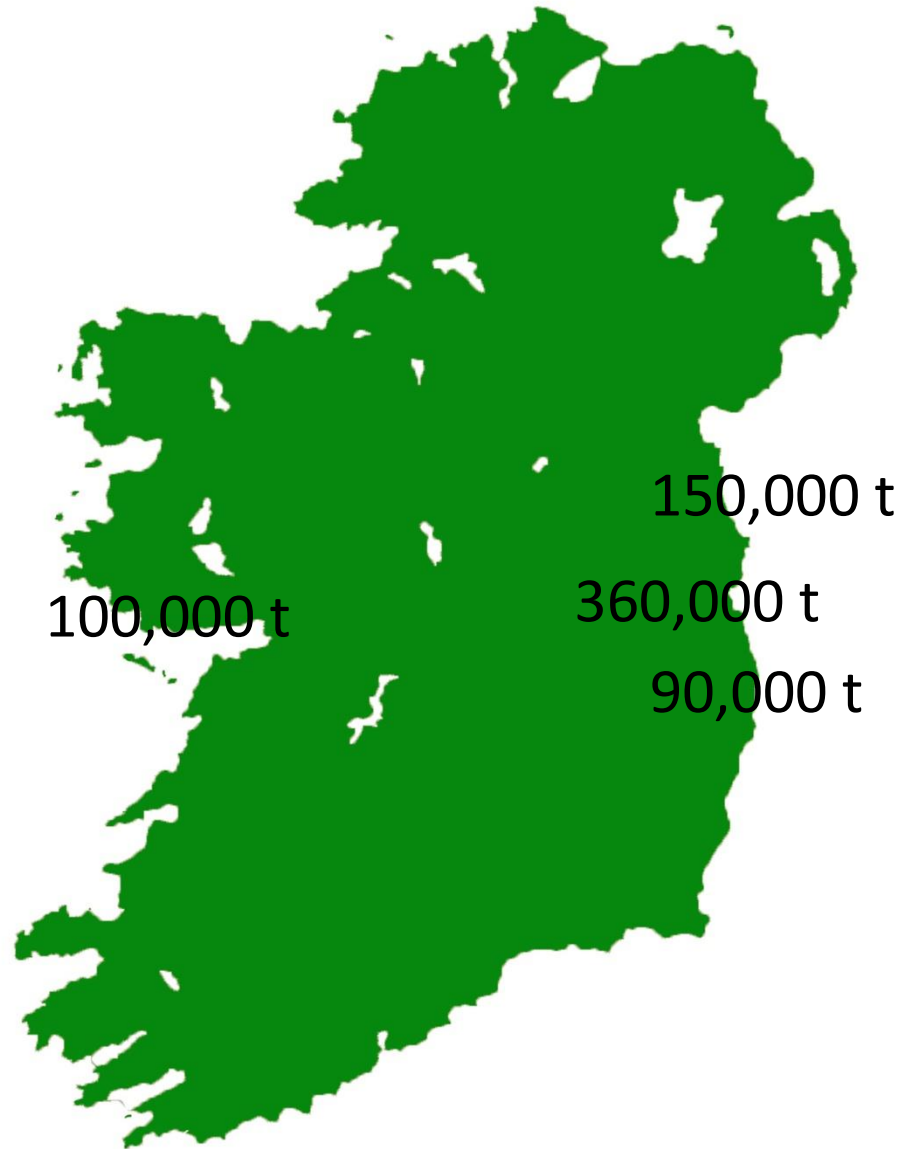
E17.the development of at least 40,000 tonnes of additional biological treatment capacity nationally



Cataloguing the Residual Waste Capacity Issues 2016

Month	Issue	Waste Effect	
Jan 2016	Waste Licence at Drehid reduces to 120,000 tonnes per annum for non-inert waste	<div>Strategic Waste Management Plan</div> <div>Section 56</div> <div>Section 56 signed by all Local Authorities on 10th March</div> <div>Regional Waste Planning Offices made arrangements with Drehid and Knockarley landfill</div> <div>April 2016</div> <div>Bord Na Mona applied to An Bord Pleanala to alter SID planning to increase planning permission to 360,000tonne for waste accepted for disposal</div> <div>May 2016</div> <div>Regional Waste Planning Offices arranged for a notice to be sent to all municipal collectors confirming that no further arrangements would be put in place by Las and al collectors should make arrangements for the rest of 2016</div> <div>August 2016</div> <div>An Bord Pleanala deferred their decision on Drehid- Drehid put immediate restrictions on their intake to their landfill</div> <div>Sept 2016</div> <div>DCCA E wrote to CCMA confirming further potential for serious capacity deficit for</div>	
Feb 2016	Collectors contacted Regional Waste Planning Offices re shortage of outlets for Municipal waste		<div>Month</div> <div>Issue</div> <div>Waste Effect</div>
	Regions wrote to the EPA highlighting the Issue		<div>Month</div> <div>Issue</div> <div>Waste Effect</div>
	Regional Waste Planning Offices Reviewed capacity for treatment/disposal of municipal Waste		<div>Month</div> <div>Issue</div> <div>Waste Effect</div>
	DECLG wrote to CEs in all Local Authorities requests uses of powers under Waste Management Act		<div>Month</div> <div>Issue</div> <div>Waste Effect</div>
Mar 2016	Bord Na Mona applied to the EPA for Technical Amendment to increase their intake of waste for disposal this was granted by the EPA on 16 th March 2016		<div>Month</div> <div>Issue</div> <div>Waste Effect</div>
	Regional Waste Planning Offices prepared a recommendation to CEs in all local authorities to simultaneously sign		<div>Month</div> <div>Issue</div> <div>Waste Effect</div>
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2017 – 1.6mt



580kt



698kt



200kt



150-300kt

1.63mt

2018 – 1.6mt



820kt



458kt



200kt



150-300kt

1.63mt

2019 – 1.6mt



820kt



433kt



200kt



175-300kt

1.63mt

⑥

Contingency Capacity ...excruciatingly painful...

E10.the need for ongoing disposal capacity to be available in response to events

Directive	Title	Article	Targets		Current progress to target in Ireland	Indicator
			Target date	Specifics		
94/62/EC as amended	Packaging Directive ¹	6(1)	31-12-2011	60% as a minimum by weight of packaging waste will be recovered or incinerated at waste incineration plants with energy recovery.	88%	Achieved
				55% as a minimum by weight of packaging waste will be recycled.	70%	Achieved
				No later than 31 st December 2011 the following minimum recycling targets for materials contained in packaging waste will be attained:		
				(i) 60% by weight for glass;	80%	Achieved
				(ii) 60% by weight for paper and board;	79%	Achieved
				(iii) 50% by weight for metals;	79%	Achieved

Directive	Title	Article	Targets		Current progress to target in Ireland	Indicator
			Target date	Specifics		
2002/96/EC	WEEE Direct	2002/96/EC	WEEE Directive ²	For small household appliances, electrical & electronic tools, toys, leisure and sports equipment:- - the rate of recovery shall be increased to a minimum of 70% by an average weight per appliance; and - component, material and substance reuse and recycling shall be increased to a minimum of 50% by an average weight per appliance.	88%	Achieved
					81%	
				For medical devices:- - the rate of recovery shall be increased to a minimum of 70% by an average weight per appliance; and - component, material and substance reuse and recycling shall be increased to a minimum of 50% by an average weight per appliance.	92%	Achieved
					84%	

Directive	Title	Article	Targets		Current progress to target in Ireland	Indicator
			Target date	Specifics		
2006/66/EC	Batteries Directive	10(2)	31-12-11	Minimum 25% collection rate for batteries & accumulators.	29% ⁵	Achieved
			26-9-2016	Minimum 45% collection rate for batteries & accumulators.	(33%) ⁶	Risk Due September 2016
		12(4)	26-9-2011	Recycling processes shall achieve the following minimum recycling efficiencies:		
				(a) recycling of 65 % by average weight of lead-acid batteries and accumulators, including recycling of the lead content to the highest degree that is technically feasible while avoiding excessive costs;	90% ⁶	Achieved
2000/53/EC	End of Life Vehicles Directive ⁴	5(2)	(16-7-2006) 16-7-2010 ⁷	Biodegradable municipal waste going to landfills must be reduced to 75% of the total quantity (by weight) biodegradable municipal waste produced in 1995 (< 916,000 t)	860,000 t ⁸	Achieved
			(16-7-2009) 16-7-2013	Biodegradable municipal waste going to landfills must be reduced to 50% of the total quantity (by weight) biodegradable municipal waste produced in 1995 (< 610,000 t)	380,800 t ⁹	Achieved
			16-7-2016	Biodegradable municipal waste going to landfills must be reduced to 35% of the total quantity (by weight) biodegradable municipal waste produced in 1995 (427,000 t)	(380,800 t) ⁹	On track Due July 2016
		29	12-12-2013	Establishment of a National Waste Prevention Programme (NWPP)	NWPP established in 2004	Achieved



Government
of Ireland

REPAK **ELT**
End of life tyres

An Bord Pleanála



Roinn Cumarsáide, Gníomhaithe
ar son na hAeráide & Comhshaoil
Department of Communications,
Climate Action & Environment



NWCPO
National Waste Collection Permit Office



WERLAS



Údaráis Áitiúla Éireann
Local Authorities Ireland





- 1 Incentivise Households
- 2 Options for Households
- 3 Siting
- 4 Thermal Capacity
- 5 Export Capacity
- 6 Contingency Capacity

The Waste Management Family

Functional ?

Dysfunctional ?

Hopefull !

