



British Glass

**Getting glass recycling right  
for the future  
British Glass Virtual  
Roundtable**

**25 June 2020**



Llywodraeth Cymru  
Welsh Government

[www.cymru.gov.uk](http://www.cymru.gov.uk)

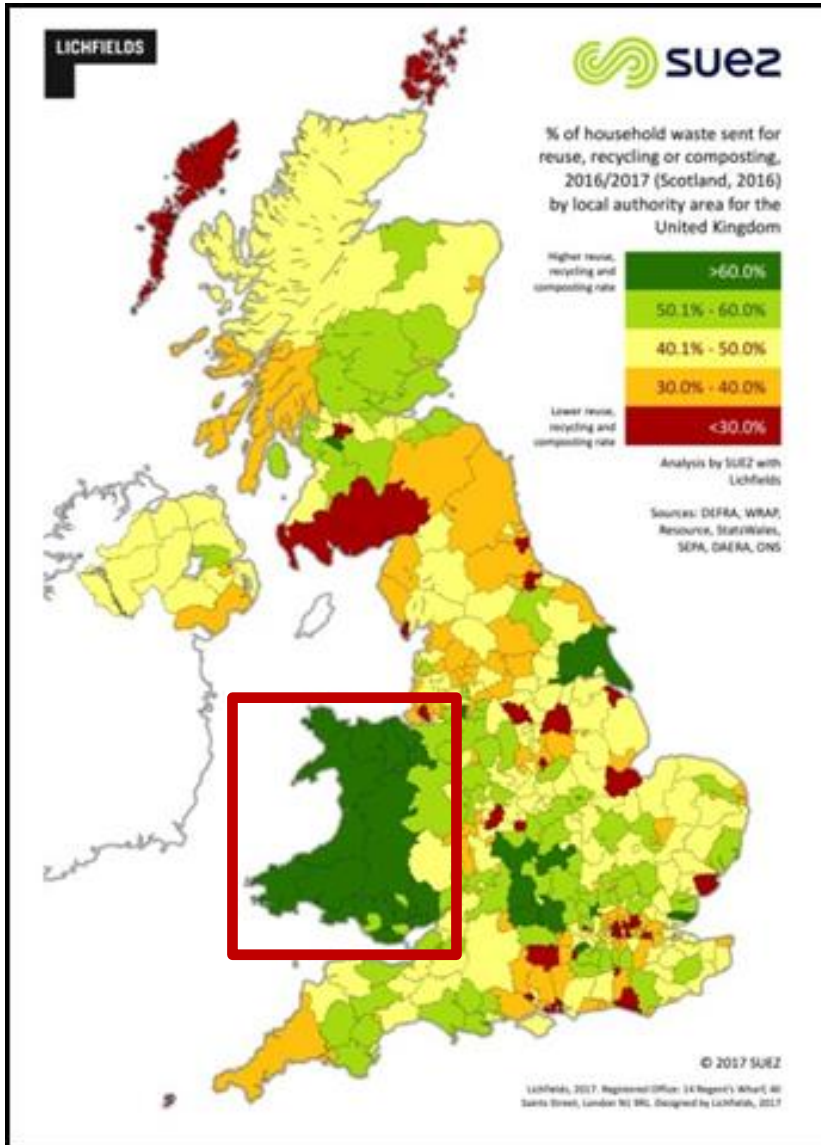
# **Case study: Glass recycling in Wales**

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Welsh Government

# My focus today

- How we got to number 3 in the world recycling league table.
- Moving towards consistency in recycling collection across all waste sectors.
- So far so good, but more to do.
- Thinking towards the longer term

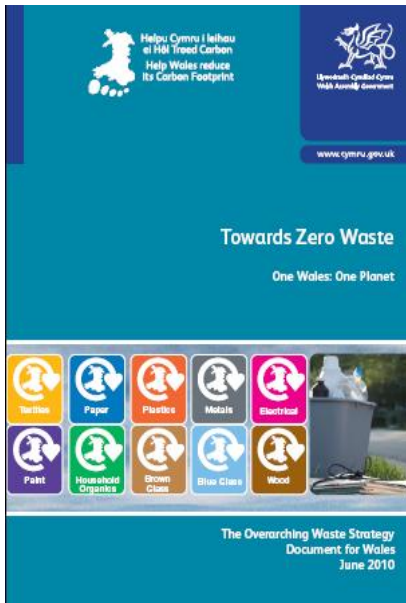
# Wales on the map!



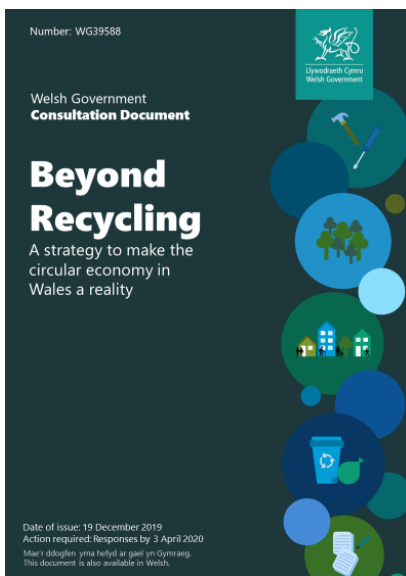
## Wales:

- ~3 million people
- 22 Local Authorities, with responsibility for the collection and management of household and some commercial waste
- Own Parliament and Government since 1999
- Sustainable Development duty
- Responsibilities include waste policy and delivery (including producing an Article 28 WFD compliant waste plan)
- Powers to develop waste Acts and Regulations
- Ability to set environmental taxes
- Responsible for Landfill Disposals Tax for Wales from 2018

# What have we set out to do?



- Towards Zero Waste (2010)
  - Minimum 70% recycling across all sectors by 2025
  - Collections Blueprint (kerbside sort) 2011
  - Separate food waste collection (to AD)
  - Live within our environmental limits by 2050 ('One Planet' resource use)
  - 66% reduction in waste generation by 2050
  - Zero waste (100% recycling) by 2050
  - A circular economy strategy in all but name!



- Circular Economy objectives set out
  - Natural Resources Policy
  - National Strategy – Prosperity for All
  - Economic Action Plan (Dec 2017)
  - Consultation on a new Circular Economy Strategy for Wales (December 2019)

# Wales waste strategy – key policy initiatives since 2002 for municipal waste recycling

- Legislation:

- Landfill Allowances Scheme – LAS (Wales) Regulations 2004
- Statutory Local Authority recycling targets under the Waste (Wales) Measure [Act] 2010 – 70% for 2025
- Statutory guidance on separate collection (regulation 13 of the Waste (England and Wales) Regulations 2011)

- Funding:

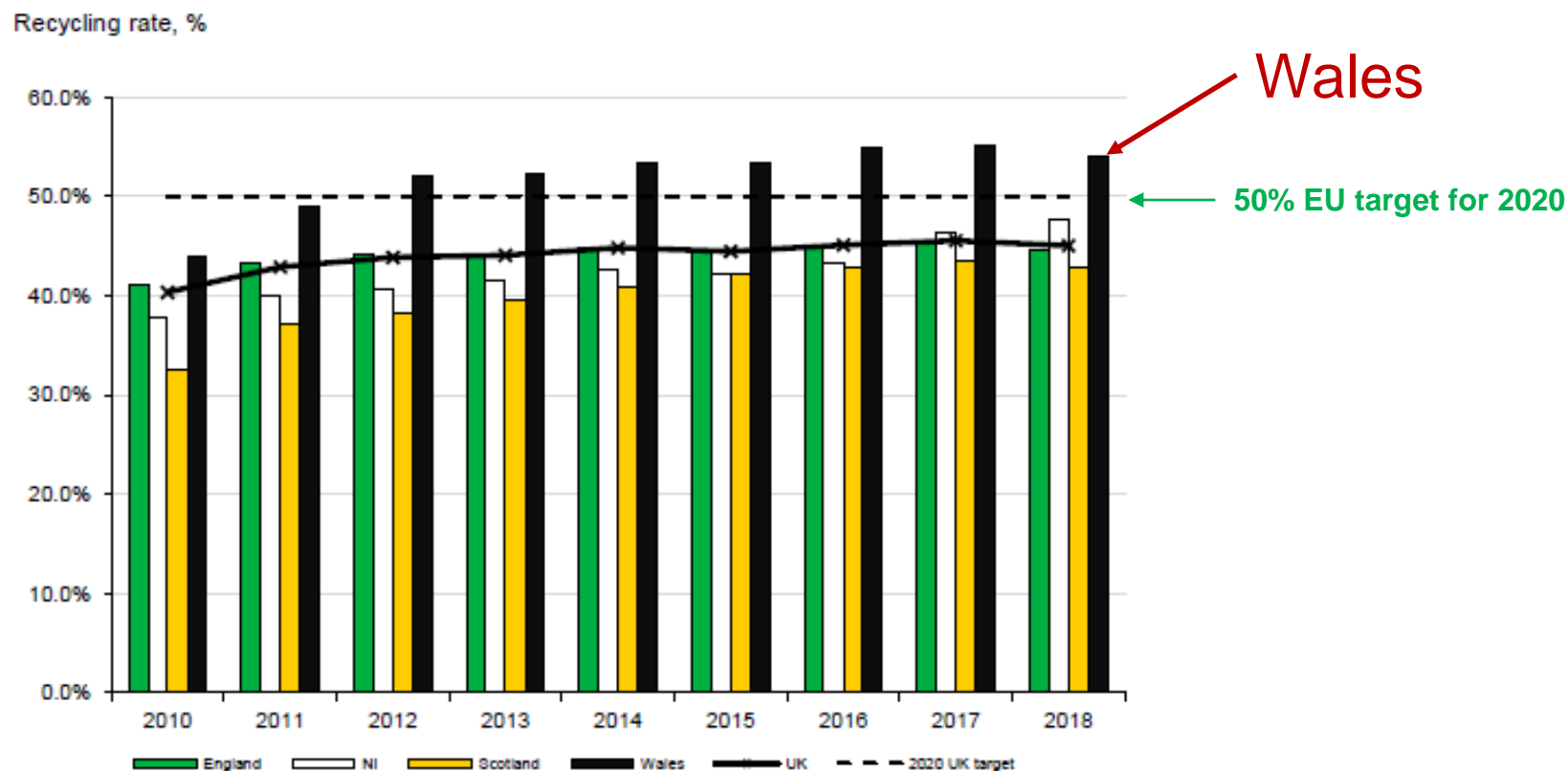
- c. £1 billion additional funding to Local Authorities since 2002
- Procurement support for food waste/AD procurement partnerships

- Maximising wider benefits / well-being / SD

- Collections Blueprint 2011
- Materials Marketing (WRAP Cymru)
- WRAP Cymru Plastics Recycling Route Map

# Comparing each UK nation – comparable 'waste from households' recycling rates

Figure 1. Recycling rate from Waste from Households, UK and country split, 2010-18



Source : WasteDataFlow, Defra Statistics

From 2015, these figures include IBA metal (this typically adds up to 0.7 percentage points to the overall UK recycling rate).

For Northern Ireland, figures including IBA metal are the same as those excluding IBA metals as no local authority collected municipal waste went directly to incinerators.

# Capture rates in Wales 2015

**Table 1** Capture rates of the main materials in the kerbside collected dry recycling streams

Main category	Capture rate
1.1 Recyclable paper	80.2%
1.2 Recyclable card	73.4%
3. Dense Plastic	66.0%
4. Textiles	7.6%
7. Glass	87.3%
9. Ferrous Metal	73.7%
10. Non Ferrous Metal	49.1%
<b>Total</b>	<b>72.0%</b>

# Consistency

- Wise About Waste 2002 principle of ‘everyone has an equal right to a good recycling service’ led to:
  - Every Local Authority set the same recycling target
  - Every Local Authority getting the same equitable share of additional new funding (SSA formula)
  - No trading under our Landfill Allowances Scheme.
- Collections Blueprint 2011 – for Local Authority services
- Statutory guidance on separate collection (regulation 13 of the Waste (England and Wales) Regulations 2011)
- Consultation on new regulations to increase recycling at non-domestic premises – a requirement to properly segregate and collect separately



# The Collections Blueprint 2011

- Weekly dry/food collection via a simple **kerbside sort** system (3 containers for dry)
- Fortnightly residual waste collection from 140 litre wheeled bins, with a no side waste policy
- Use of modern single pass Resource Recovery Vehicles
- HWRCs achieving at least 80% recycling rate
- A maximum of 30% of non-recyclable waste to be sent to energy efficient EfW with IBA recycling.
- **NOT MANDATORY**



# Collections Blueprint for Wales – kerbside sort and the use of single pass collection resource recovery vehicles

- Up to 9 materials separated onto the vehicle (including food)
- Driver plus one
- Lower capital costs than RCVs
- Lower running costs than RCVs
- Operate in Valleys, Rural and Urban localities in Wales (and in back lanes!)





**What next?**

# Our journey towards a more circular economy... packaging



## Extended Producer Responsibility (Wales, NI, Scotland and England)

- Consulted on radical reform
- With the proposal for producers having to :
  - Fund 100% of the costs of end of life management of the packaging
  - Pay a 'modulated fee' based potentially on recyclability / recycled content / impact when littered
  - Meet targets and report data separately in each UK nation

## Deposit Return Scheme (Wales, NI and England)

- Consulted on options for a Deposit Return Scheme for drinks packaging
- Options include:
  - 'On-the-go' only
  - 'All in'
- With producers having to meet collection/recycling targets separately in each UK nation



# Increasing non-domestic recycling: The proposed new legal requirements



The Welsh Government intends to bring forward regulations under Environment (Wales) Act 2016 that includes amendments to the Environmental Protection Act 1990 and Waste (Wales) Measure 2010 (as amended) and to commence the ban on the disposal of food waste to sewer. It has recently consulted on options.

The Welsh Government will thus require:

- **business waste producers (including the public sector) to present their wastes separately for collection**
- **separate collection of business wastes (including public sector wastes)**

and:

- **ban specified materials to landfill**
- **ban specified materials to incineration**
- **ban the disposal of commercial food waste to sewer**

Natural Resources Wales (NRW) will regulate all the above requirements other than the ban on the disposal of food waste to sewer from non-domestic premises, which will be regulated by Local Authorities.

# Already standard practice for some



Royal Welsh Showground – dog show



Small café and shop - Gower



Vehicle parts company - Swansea



Morrison Hospital, Swansea



Welsh Government office, Cardiff

Number: WG39588



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**Consultation Document**

# Beyond Recycling

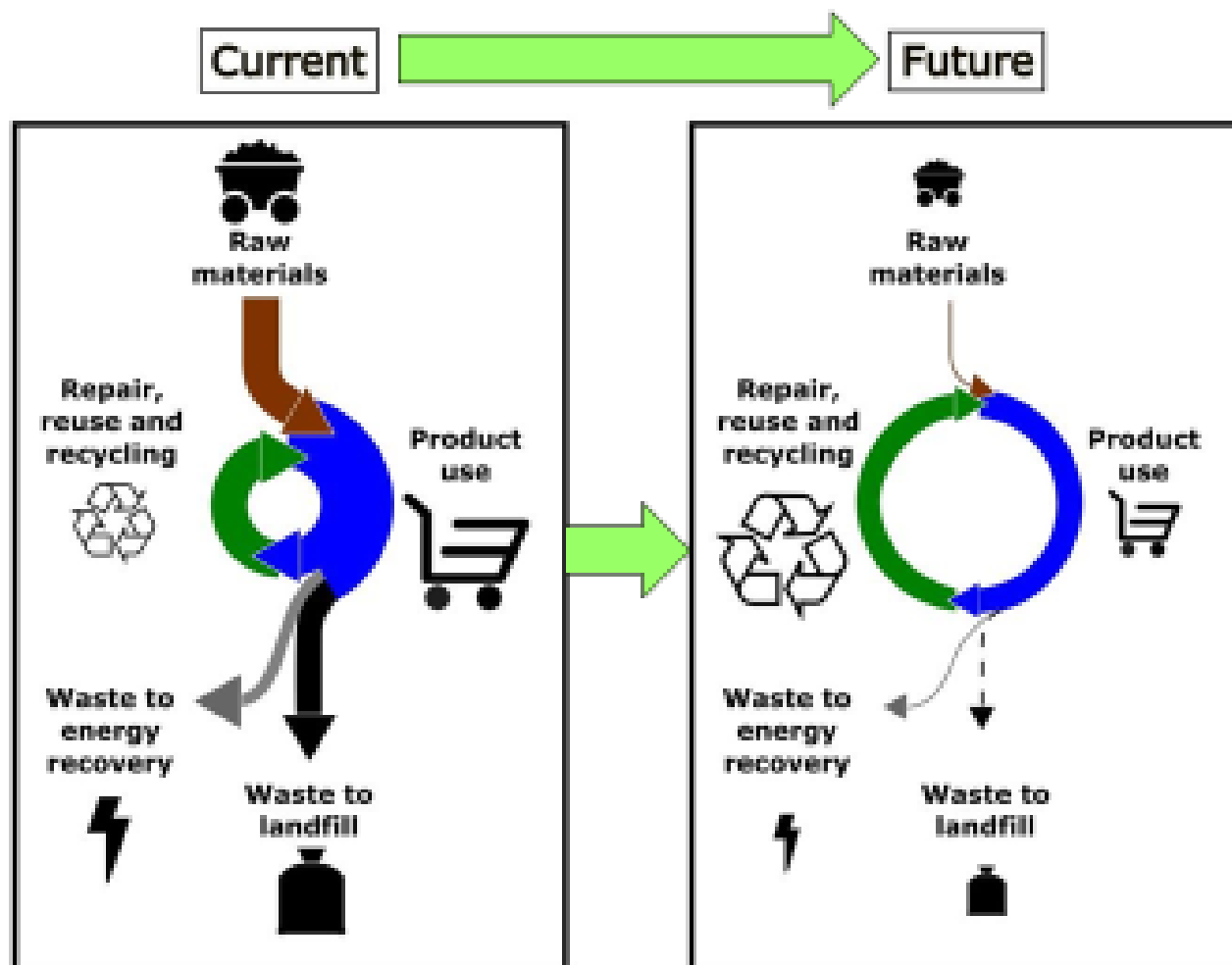
A strategy to make the  
circular economy in  
Wales a reality



Date of issue: 19 December 2019  
Action required: Responses by 3 April 2020

Mae'r ddogfen yma hefyd ar gael yn Gymraeg.  
This document is also available in Welsh.

# The next stage – where we want to be



*Our aim is to move to a circular economy in Wales. Where waste is avoided and the things we use are kept in use as long as possible.*

*This is an important part of the action needed on climate change. It also brings many new economic opportunities as part of the move to a low carbon economy.*



# Some radical circular economy solutions for glass!



# Thank you for listening

Any queries / comments to:  
[wastestrategy@gov.wales](mailto:wastestrategy@gov.wales)



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Help Wales reduce  
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