



Reducing Plastic Pollution

A Collaborative Approach from Source to Sea

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Reducing Plastic Pollution: Strategic Objectives

- Demonstrate we are an ‘exemplar’ organisation.
- Work collaboratively with Defra, BEIS and other partners to establish a coherent policy and regulatory framework based on sound science and practical effective interventions.
- Support others, NGO’s, businesses and communities, to take initiatives to reduce plastics reaching the sea and contribute to a better understanding of the impact of plastics on the environment.



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Reducing Plastics through a 7 point plan



1. Expand our Evidence Base
2. Circular Economy
3. Increased Use of Waste Powers & New Waste Legislation
4. Micro-plastics in the Water Environment
5. Plastics in the Supply Chain
6. Public Awareness
7. Working with Others.

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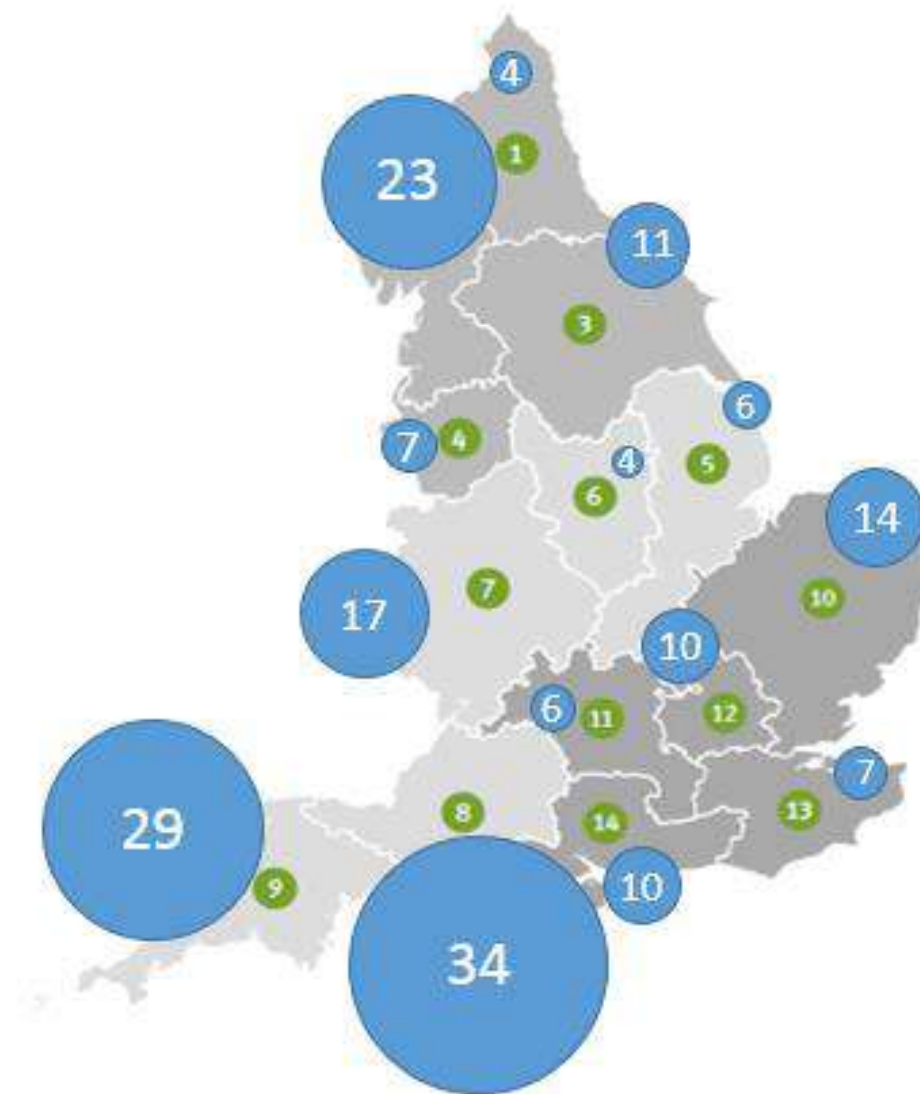
The Plastics and Sustainability Team

- Seek opportunities within the Environment Agency
- Increase collaboration within communities
- Outreach and engagement
- Support businesses to reduce plastic waste
- Inspire young people to engage with STEM subjects

Working within the Environment Agency



Plastic Champions Network



Plastic Pollution School Workshops

Microplastic Survey




LEARN

KS2 UPPER – WORKSHOP 4 – LEARNING ABOUT PLASTIC

Pop | Learn

The final workshop in a series of four from The Environment Agency, focussing on human impact on the oceans, microplastics and how to conduct a survey in the field.

 Data handling  environment  Issues and Concerns  KS2  Lesson Resource  Microplastics  Ocean Plastic  Plastic



LEARN

KS2 LOWER – WORKSHOP 3 – LEARNING ABOUT PLASTIC

Pop | Learn

Third workshop in a series of four from The Environment Agency, focussing on collecting and presenting data, life cycles and alternatives to single-use plastic.

 Data handling  environment  Issues and Concerns  KS2  Lesson Resource  life cycles  Ocean Plastic  Plastic

Coral Reef



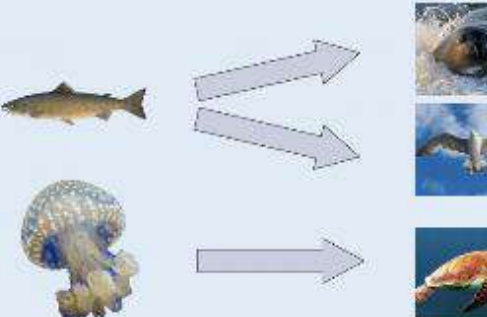
LEARN

KS1 UPPER – WORKSHOP 2 – LEARNING ABOUT PLASTIC

Pop | Learn

Second workshop in a series of four from The Environment Agency, focussing on animals, habitats and ocean plastics.

 environment  Issues and Concerns  KS1  Lesson Resource  Ocean Plastic  Plastic  Plastic Pollution  Teacher Resource Pack



LEARN

KS1 LOWER – WORKSHOP 1 – LEARNING ABOUT PLASTIC

Pop | Learn

First workshop in a series of four from The Environment Agency, focussing on animals, what they eat and an introduction to issues around plastic pollution.

 environment  Issues and Concerns  KS1  Lesson Resource  Ocean Plastic  Plastic  Plastic Pollution  Recycling

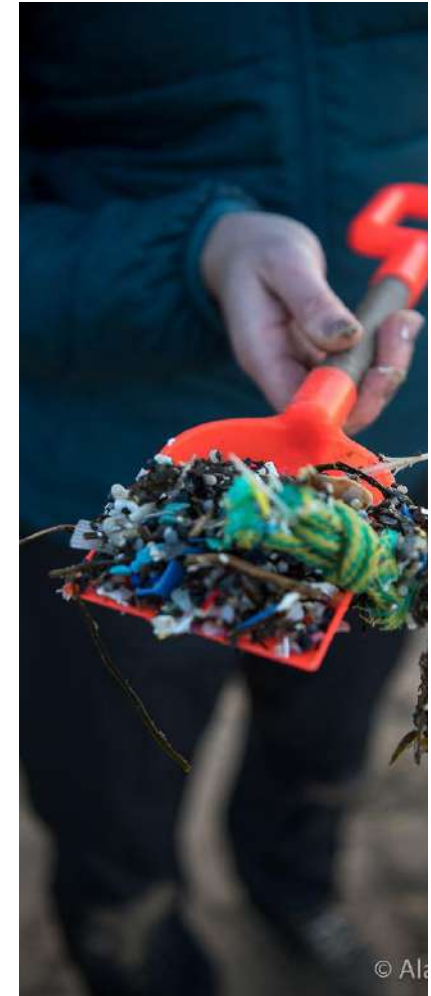
Community Collaboration – Community Toolbox



- Share resources and experiences
- Avoid duplicated effort
- Communicate new scientific evidence
- Create resources to reduce confusion and misconceptions
- Devon, Lancashire and Wessex so far...

Avoid • Reduce • Reuse • Recycle

Outreach and Engagement



International Scientific Engagement



Supporting Businesses - Plastics in Agriculture

- Guidance for farmers
- Agricultural college lecture material



Supporting Businesses – Harbour Masters and Fishing Industry



- Project area at Brixham Harbour, Devon
- Explore challenges and opportunities
- Work with Harbour Masters and Fishermen
- Evaluate circular economy opportunities

Engaging the Next Generation with Science, Technology, Engineering and Maths



What next?

Preventing Plastic Pollution Project 2020-2022

Interreg 
EUROPEAN UNION
France (Channel
Manche) England
European Regional Development Fund

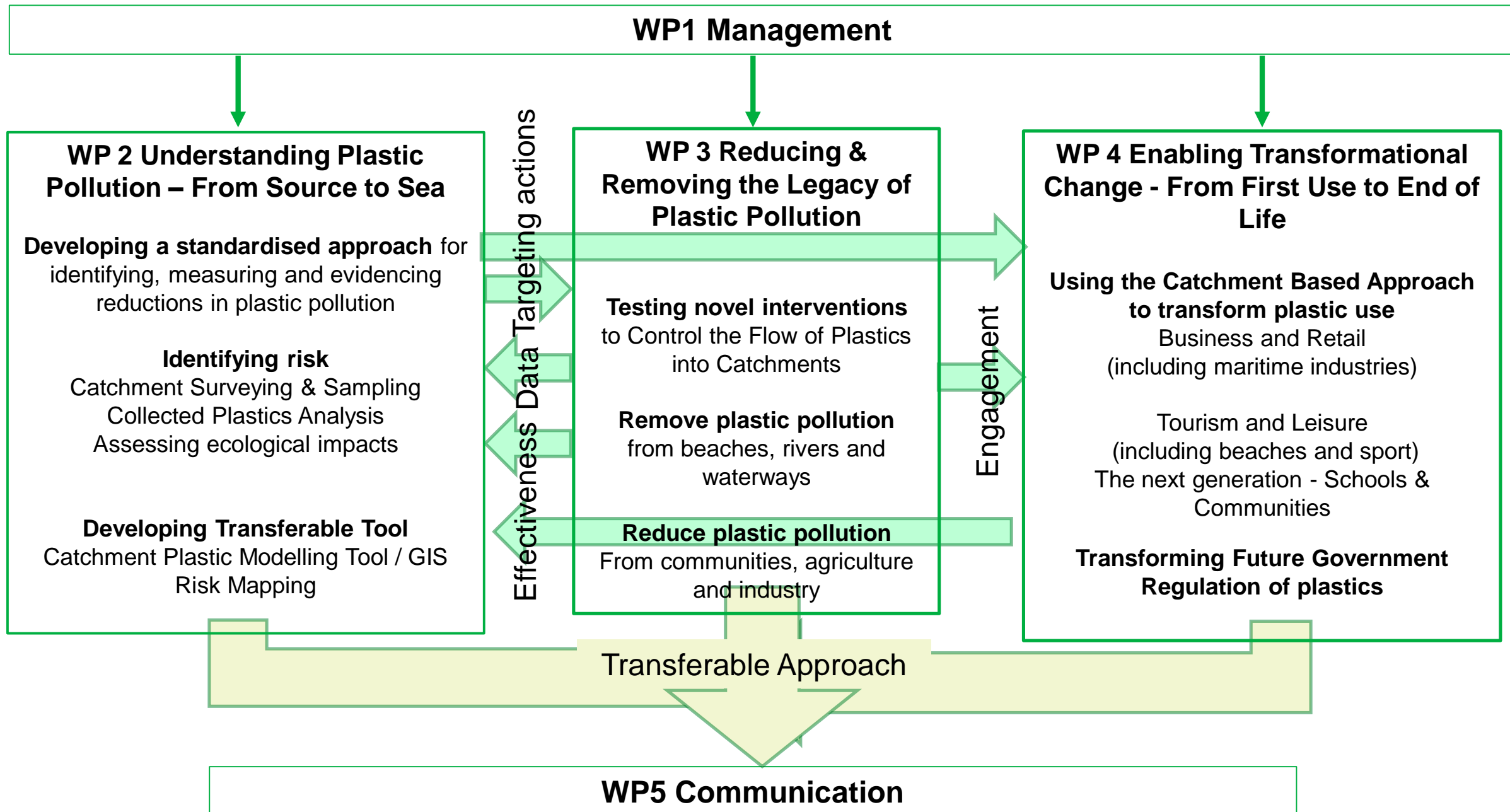


Westcountry

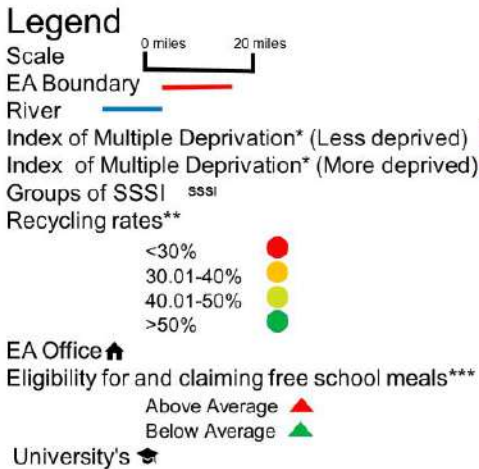


Rivers Trust





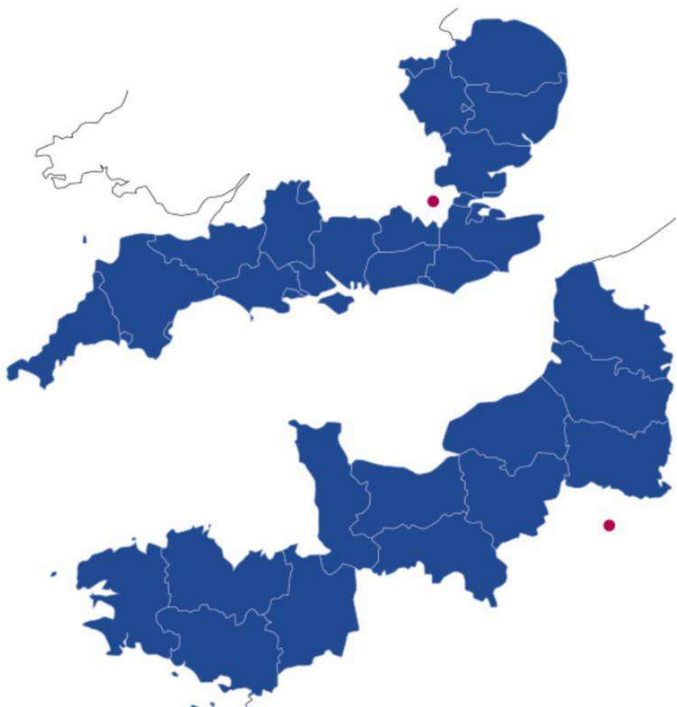
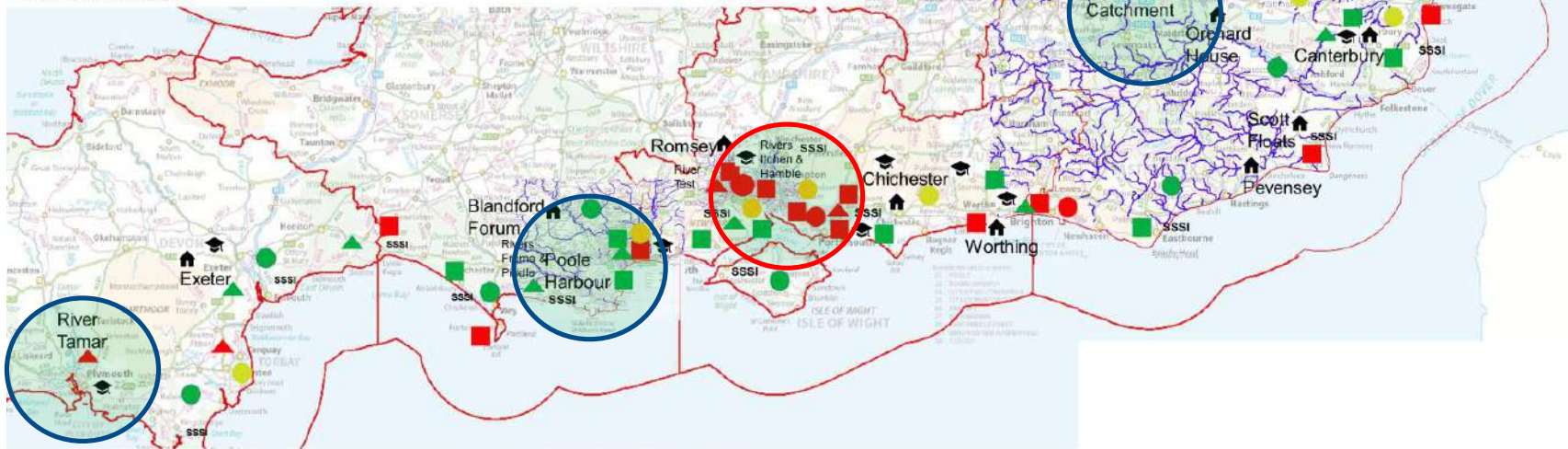
Interreg Project Area:



*Index of Multiple Deprivation 2019 based upon combining information from seven domains. These domains are income deprivation, employment deprivation, education, skills and training deprivation, health deprivation and disability, crime, barriers to housing and services and living environment deprivation.
https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/835115/2019_Statistical_Release.pdf

** recycling rates based on the collection and management of waste under the possession or control of Local Authorities in England including waste from households, local authority collected waste and household waste.
https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/783191/LACW_mgt_annual_State_Notice_Dec_2018.pdf

***Eligibility for and claiming free school meals based on the percentage known to be eligible for and claiming free school meals in state funded primary schools, the data is from January 2019. <https://www.gov.uk/government/statistics/schools-pupils-and-their-characteristics-january-2019>



Further information: Jessica.Hickie@environment-agency.gov.uk
Preventing Plastic Pollution Interreg Project Website
(launching February 2020): www.preventingplasticpollution.com



Thank you