



PLYMOUTH'S ACTION ON PLASTIC

Contacts and information about local organisations who
are working together as a city wide partnership

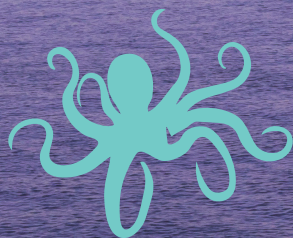
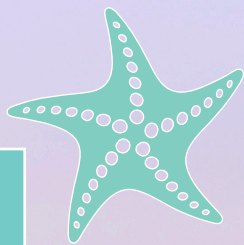
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**PREVENTING
PLASTIC POLLUTION**

European Regional Development Fund

Organisations across Plymouth are working together to tackle the issue of avoidable, single use plastics and plastic pollution. As Britain's Ocean City we are only too aware of the effects of plastic pollution and want to do all we can to reduce the amount of waste and the devastating effect it can have on our environment.



PREVENTING PLASTIC POLLUTION PROJECT

Working in partnership with 18 organisations from across France and England, Preventing Plastic Pollution seeks to understand and reduce the impacts of plastic pollution in the marine environment. By looking at the catchment from source to sea, the project will identify and target hotspots for plastic, embed behaviour change in local communities and businesses, and implement effective solutions and alternatives.

Preventing Plastic Pollution (PPP) is a €14million funded EU INTERREG VA France (Channel) England Programme project co-financed by the European Regional Development Fund (€9.9million) which will work across seven pilot sites, one of which is the Tamar estuaries.

The information gathered from research in these areas will allow the cross-Channel partnerships to tackle some of the four million tonnes of plastic waste that enter the sea via rivers every year.

Partners involved in Plymouth and the wider Tamar Catchment Area are:

- Plymouth City Council
- Environment Agency
- West Country Rivers Trust
- University of Plymouth

Organisations acting as consultants on the project are:

- Ocean Conservation Trust
- Environment Plymouth

For more information

Visit www.preventingplasticpollution.com

Email plastics@plymouth.gov.uk.



BRITAIN'S OCEAN CITY: PLYMOUTH'S PLAN FOR PLASTICS TASK FORCE

The Britain's Ocean City: Plymouth's Plan for Plastics has been launched, detailing our broader commitment as a city to reducing single use plastics in Plymouth. The Plan was initially launched on Friday 8 June 2018, and since then has been updated and re-launched on Tuesday 14 July 2020. The delivery of the Plan for Plastics will be driven, monitored and supported by the Britain's Ocean City: Plastics Task Force, with representatives from the public, private, voluntary and academic sectors. This group includes a variety of experts who are working together to review and implement changes across Plymouth to help reduce the overall impact of plastic pollution across the City.

For more information

Visit www.plymouth.gov.uk/plastics

Email plastics@plymouth.gov.uk



PLYMOUTH'S PLAN FOR PLASTICS
FOR PEOPLE AND PLANET





PLASTIC FREE PLYMOUTH

Launched by Environment Plymouth in December 2017, Plymouth's challenge to become a Plastic Free Community backed by the Surfers Against Sewage (SAS) campaign is now an innovative and all-encompassing project in its own right.

Working to the SAS template Plastic Free Plymouth has established its own Steering Group, began its own series of workshops and awareness raising events, and started to recruit the businesses, community groups and schools required to create the Plastic Free Community. Our aim is to reduce the sale, use and inappropriate disposal of single use plastic items, to encourage the use of alternatives and improved recycling and reuse, and to support the removal of plastic litter from the environment.

Working with the Plymouth Waterfront Partnership, Plastic Free Waterfront Plymouth status was secured by June 2018 and a year later, Plastic Free Plymouth status was achieved. Now phase two begins, supported by the Preventing Plastic Pollution Project. Our challenge is to recruit at least a further 50 businesses, 50 community groups, 20 tourism/leisure groups, and the remaining 60 schools to the SAS plastic free charter.

For more information
visit www.environmentplymouth.org
www.facebook.com/groups/140911630099135
Email plasticfreeplymouthsound@gmail.com



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Plastic is an extremely useful material, but the repercussions of plastic litter are the symptom of our linear use of resources to waste. The International Marine Litter Research Unit examines both the physical and behavioural dimensions to the plastic crisis. It is at the forefront of marine litter research and has helped guide industry, and provide evidence for governments and international organisations. It published the first paper coining the term microplastics in 2004, and later in 2015 first quantified microbeads in cosmetics leading to their UK ban in 2016, as well as some of the first papers on ingestion and retention of microplastics by organisms, the accumulation of microplastics in remote environments (the Arctic and the deep sea), and the release of microplastics from textiles during laundering.

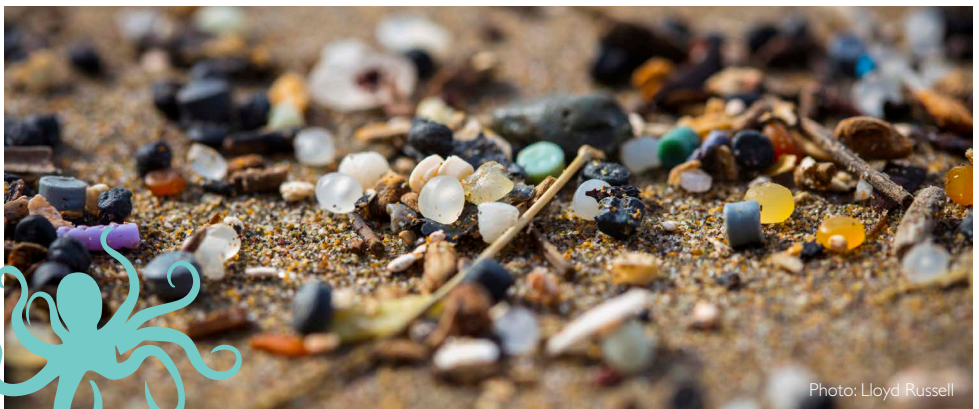
Current funded research includes:

- Bioplastic risk - this project will investigate how biodegradable materials react on entering the environment, and how they may be tailored to minimise potential risks.
- Minimise - seeks to generate novel data on how plastic particles interact with living tissues, distribute themselves through trophic webs, and affect ecological processes, supporting the development and design of safer alternatives.
- TYRE LOSS - explores how tyre wear spreads in the marine environment and any harm they might pose.
- Preventing Plastic Pollution project – we are collaborating with Plymouth City Council and MDL marinas to trail marine cleaning devices, such as sea bins.
- Sail GP - two University of Plymouth students are also undertaking work placements during the British leg, working on sustainability issues related to the event.

For more information

Visit www.plymouth.ac.uk/research/marine-litter

Email R.C.Thompson@plymouth.ac.uk and kayleigh.wyles@plymouth.ac.uk





OCEAN CONSERVATION TRUST

At the Ocean Conservation Trust, we are privileged to be based in Plymouth – Britain's Ocean City. Our understanding of the effects of plastic on our Ocean are improving and as a result, attitudes towards plastic are changing. But there is still work to be done.

Here at the Ocean Conservation Trust we are:

- Working with the Preventing Plastic Pollution Project and our local communities to deliver a beach clean every week for 2 years. Find locations on our website and join us!
- As a member of the Britain's Ocean City: Plastics Task Force, we have played a central role in engaging the city and local community in a bid to combat the issue of plastic pollution for Plymouth Plan for Plastics.
- Delivering our Plastic Seas workshop to schools nationally.
- Delivering outstanding public engagement in our Aquarium through inspiring conversations and shows.
- Running activities about plastic waste with our Ocean Squad club for teens and Toddler group.
- Reducing our own use of plastic! We were delighted to receive a silver BIAZA Award for our efforts in reducing plastic pollution at the National Marine Aquarium in 2019.

For more information

Visit www.oceanconservationtrust.org

Email community@oceanconservationtrust.org.





1000 TYRES PROJECT

The aim of the project is to help remove tyres and other pollutants from our marine environment and to provide education and awareness about the dumping of rubbish in the sea. The SHIPS Project will start by removing more than 1000 tyres from the seabed then have them recycled. We will remove the discarded tyres and some of the dumped rubbish to help stop the dispersion of pollutants into Plymouth's marine environment. We will find responsible ways of recycling the tyres, discarded GRP boats and recovered junk. We will share what we have learned about what is on the bottom of Plymouth Sound with supporters and stakeholders.

We are in the process of training up divers and volunteers to help with

tyre recoveries, if you would like to be involved in this project please contact us, we have volunteers from age 6-86.

For more information

Email mallory@3hconsulting.com



CLEAN OUR PATCH

Clean Our Patch is a Plymouth community litter picking group. Since March 2018, we've collected over 22,000 bags of litter across the city of Plymouth and South Hams. We have founded 36 groups that host litter picks on a regular basis in their locality. We pick litter every week across the city, from pavements, hedges, drains and embankments, in parks, woodlands, waterways and along our beautiful coast, educating communities about the damage single-use plastics cause to our environment.

We also run free workshops about waste and litter management in schools, with Scout troops, and other interested organisations. We have been developing a website and an accessible online education program, which is going focusing on four areas of educational need, primary age, secondary age, special educational needs and home-schooling. We have recently launched the school Ambassador programme providing schools with equipment to run litter picks free of charge as well as holding workshops with each class group. We have also been working with MVV, Babcock, GWR and the Co-op.

For more information
Email cleanourpatch@hotmail.com



PRECIOUS PLASTICS PLYMOUTH AND TAVISTOCK

Precious Plastic Plymouth and Tavistock is a low-tech, artisan plastic recycling project. It is part of a global initiative Precious Plastics. We take waste plastic, shred it and re-mould it, using a small injection moulder, currently into soap dishes, plant pots and buttons. It is engaging, creative, demonstrates how simple recycling plastic can be and opens up conversations around responsible use of plastic.

We are based at Ocean Studios, Royal William Yard, and can run demonstrations and workshops for small groups. We would love people to get involved, drop us a line.

For more information

Visit www.facebook.com/Preciousplasticplymtavi

www.katecrawfurd.co.uk/ppp

www.preciousplastic.com





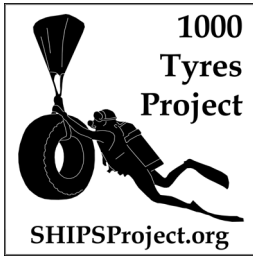
SMART CITIZENS PLYMOUTH COLLEGE OF ART

Smart Citizens is a programme of free events, workshops and training in digital design and fabrication based at Fab Lab Plymouth. We support citizens, entrepreneurs and communities to design and make in more sustainable ways. Our events champion innovative design solutions; one of our Community Meet-Ups explored how to tackle plastic pollution through technology, whilst our workshops hosted in collaboration with Precious Plastic Plymouth are supporting local citizens to create moulds for eco-objects made from plastic waste.

The Smart Citizens Programme is part of the iMayflower project and has been supported by The Department for Digital, Culture, Media and Sport, who fund the Cultural Development Fund, which is administered by Arts Council England.

For more information
Visit www.fablabplymouth.org/events
Email ezahoui@pca.ac.uk and sheaddon@pca.ac.uk.





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