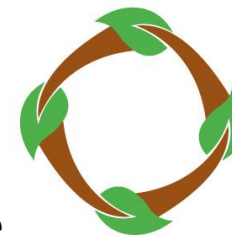




Disrupting the status quo to achieve a truly sustainable future



EUROPEAN
CIRCULAR
BIOECONOMY
POLICY
INITIATIVE

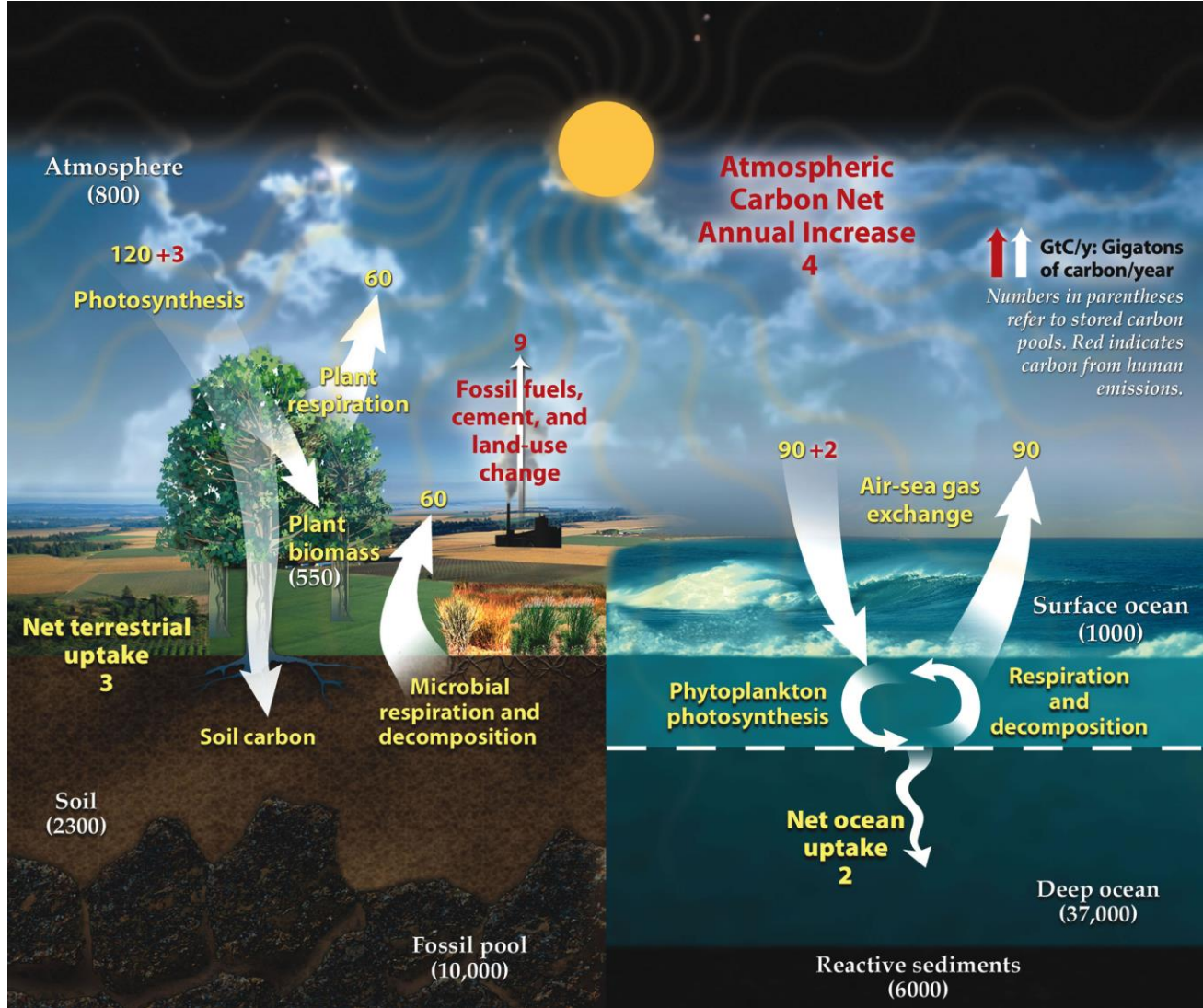
David Newman

Managing Director

BBIA and ECBPI

www.bbia.org.uk E: dn@bbia.org.uk

www.ecbpi.eu E: newman@ecbpi.eu

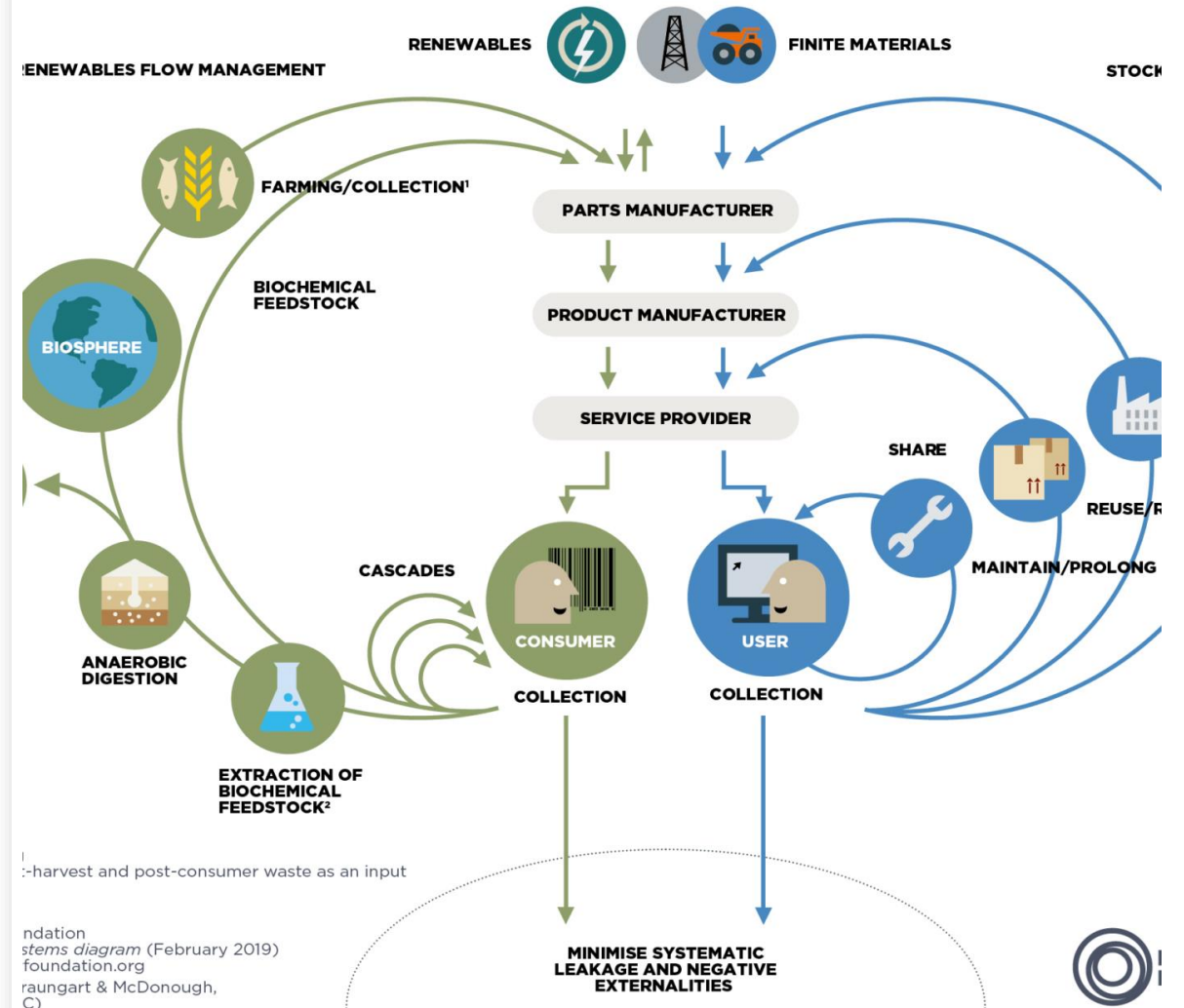


We have three final sinks, soil is one of them. We need to protect soil from plastic contamination and return carbon to soil, this is about the carbon cycle.

This is the role of compostable packaging within the context of food packaging and food waste.

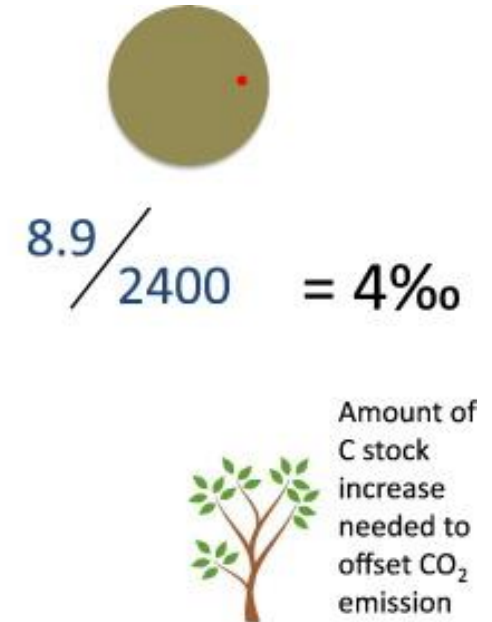
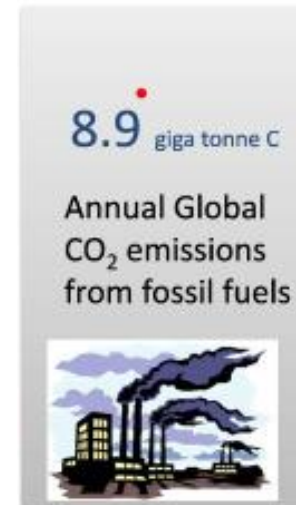
Food waste is a biosphere issue

Getting food waste back to soil as organic carbon is the answer to many of our ecological issues



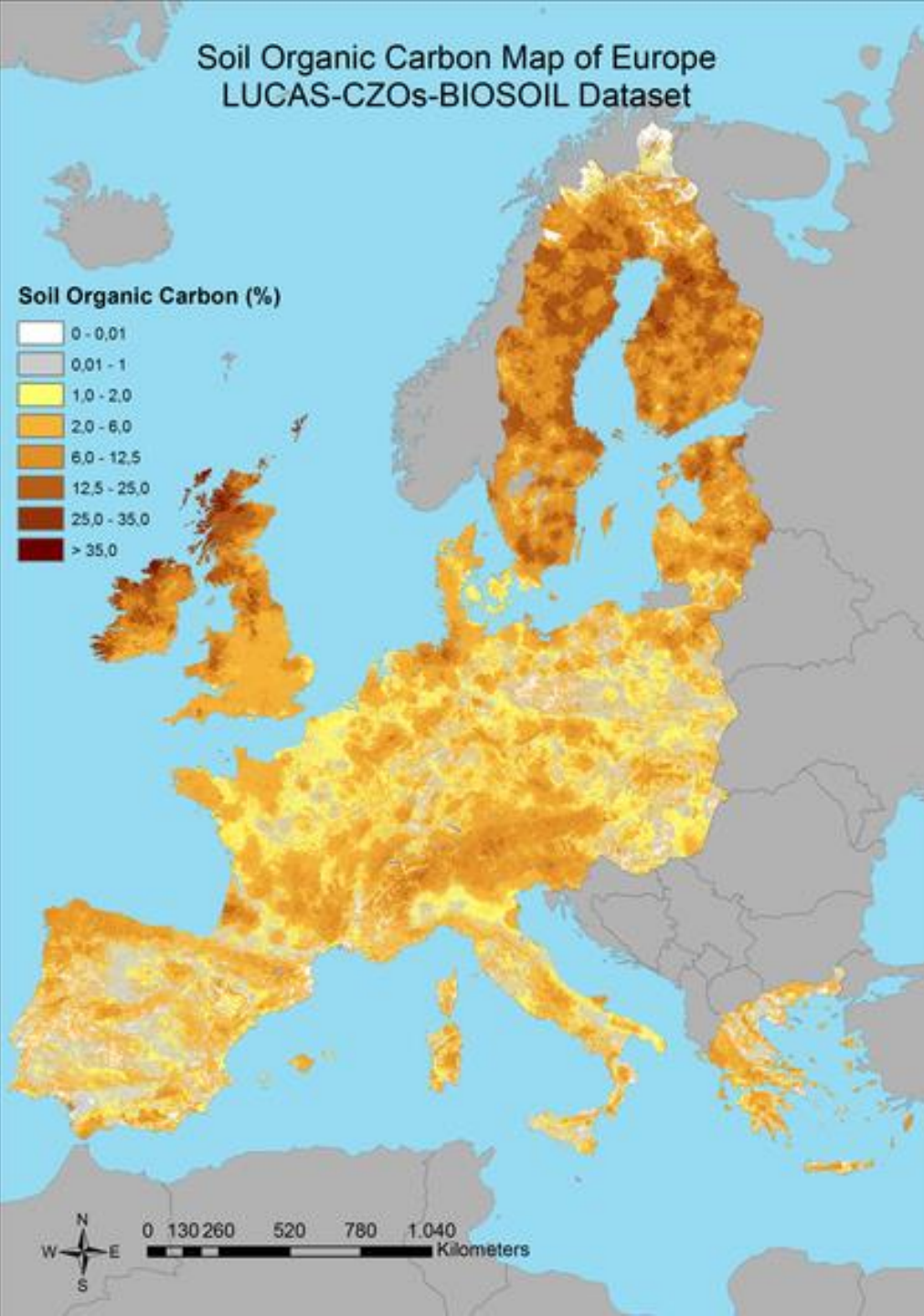
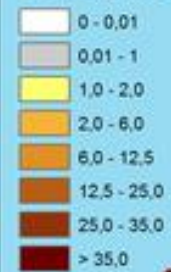
ECBPI is a partner
to the 4p1000
initiative

- Getting food waste back to soil has immense climate benefits
- Plus soil health and nutrient content
- This is the 4:1000 campaign led by the French Government-UNFCC



Soil Organic Carbon Map of Europe LUCAS-CZOs-BIOSOIL Dataset

Soil Organic Carbon (%)



- Even in the UK advanced loss of organic carbon in soils means we may have only 30-40 years crops left according to Michael Gove.
- Getting organic carbon back to soil is essential
- Composting is one way of doing that.
- Compostables assist this process making sure it is clean.

Compostables ensure clean collections and treatment even for AD

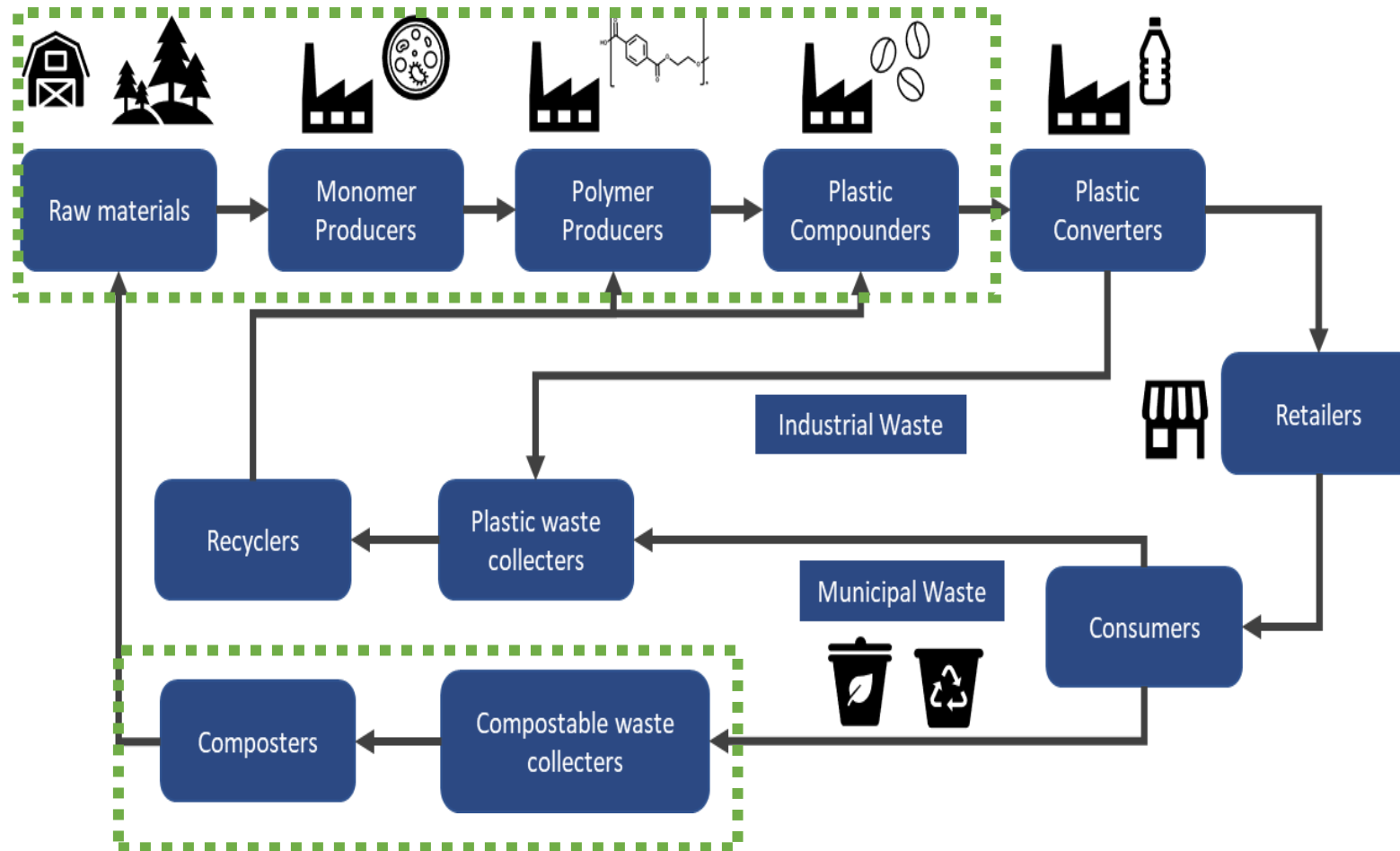
Packaging which contains fresh food or can be used to collect food waste should be compostable, to drive the recovery of organic carbon back to soil. It is critical to our fight against climate change.

See WRAP 2020 guidelines eg food waste bin liners, fruit and vegetable bags, carrier bags, coffee pods, tea bags, sticky fruit and vegetable labels, catering ware, film food packaging, yoghurt pots etc. Compostables currently about 20-25KT in the UK growing to 150KT by 2030.

The standard: EN 13432/14995 in law since 2000.

But also where plastics are used directly in or on soils- eg soil mulch films, bale wraps, tree guards, clips which may biodegrade into soil

The standard: EN17033 in law since 2018.



In green the opportunities for new industrial investments in the UK derived from using composable materials- potential to drive £520+ million investments in biorefineries and compounding alone by 2030.

Some pretty pictures to leave you with



A bin liner disguised as a carrier bag



Quality Street sweet wraps

Planet Organic



Put your food waste here



Biodegradable soil mulch