

BioSinn list of applications after first expert workshop 2020-02-10

Planting aids and other small parts, which cannot be collected and remain in nature

Binding yarn / twine

Plant fixing clips, such as tree nursery clips, climbing support and clips for viticulture and farming

Leg bands for birds and wild animals

Lawn trimmer threads

Filter balls in sewage treatment plant

Explosive devices (military), practice ammunition, shotgun shells, avalanche protection (controlled detonation), toy ammunition

Plastic beads, used as interlayer between concrete blocks for transport protection

Control-release carrier substances for fertilisers and plant protection (pesticides), fertiliser additives

Seed coating

Erosion control pegs, pegs for garden netting and tarpaulins, ground nails

Plastic components in fireworks

Chewing gum

Applications that are ploughed under or otherwise end up in soil

Thin mulch films (up to 25µm)

Urns, coffins (and burial objects)

Small parts, which end up in composting streams, hidden plastic

Biowaste bags

Fruit- and vegetable stickers

Coffee capsules

Dirt erasers, wipes, rinsing sponges, fleece fabric

Floral foam, plug-in foam

Chewing gum

Teabags & tea/cocoa/coffee pads

Paper towels (wet-strength paper)

Applications in water

Dolly ropes (plastic parts added to the bottom of fishing nets to protect the main net, stay intact only for a few days)

Geotextiles for embankment protection

Fishing baits

Products for aquaculture (e.g. nets for clam / mussel cultivation)

Film for dishwasher tabs

Materials encountering a lot of wear / attrition in their use phase

Bristles for sweeping brushes (sweeping machines, road sweepers)

Shoe soles

Others

Tree protectors / tree covers

Artificial grass for football, especially infill / infill material

To be discussed:

Coating of paper cups, reinforcement for paper bags

Colour, lacquer, varnish (houses, ships?)

Glacial fleece