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Development of novel labeling system for microplastics

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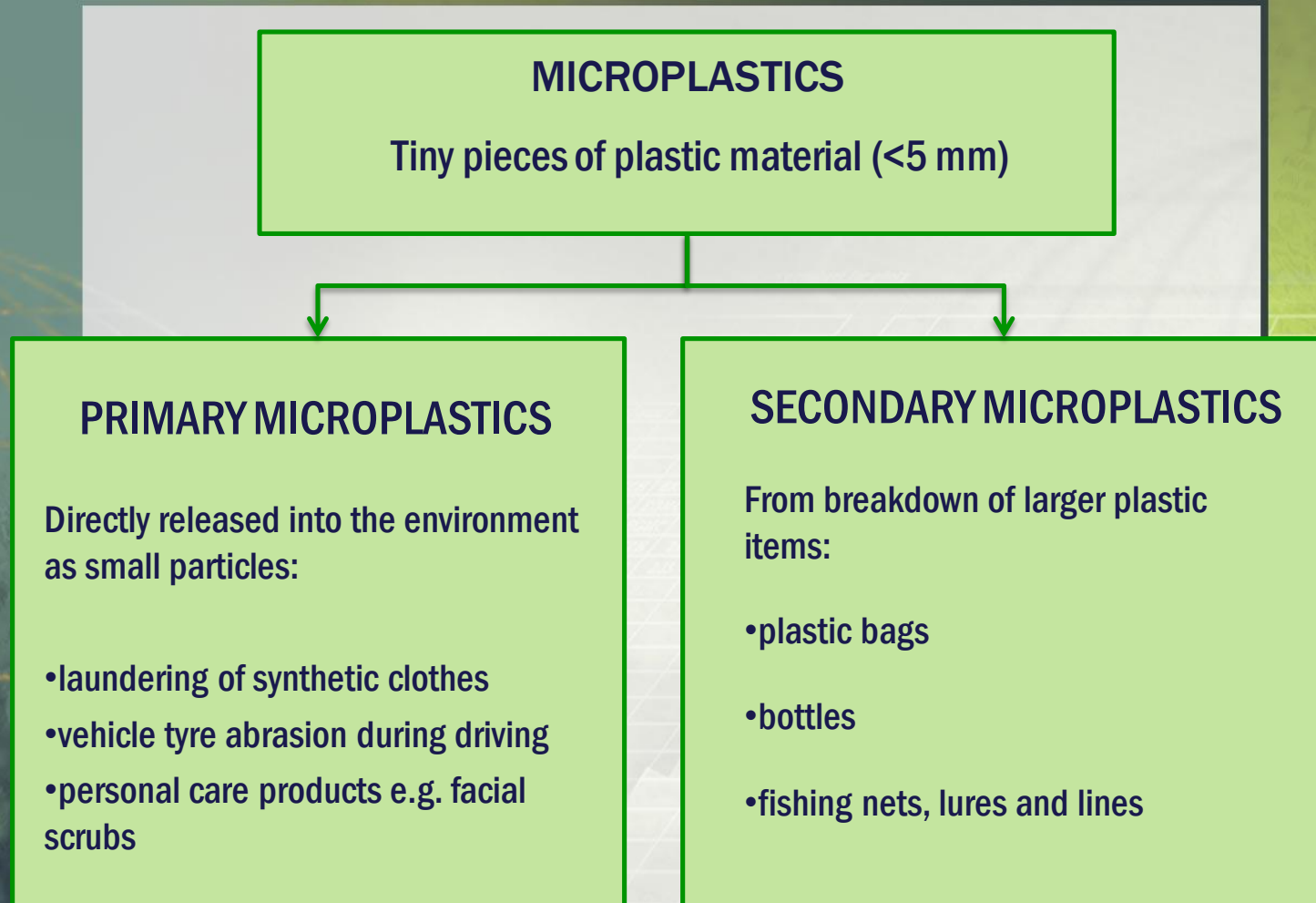


MICROPLASTICS

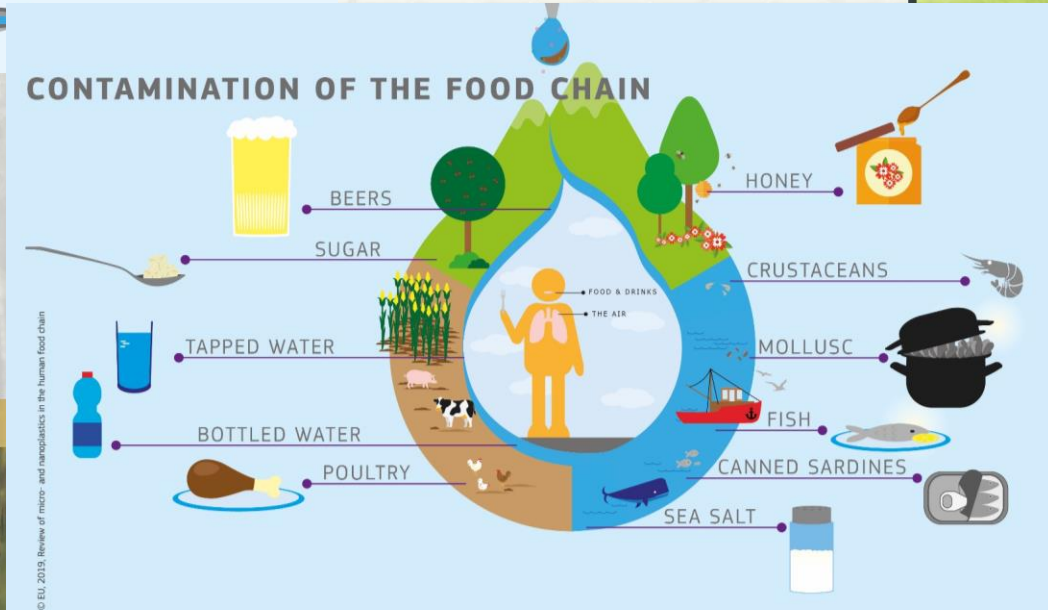
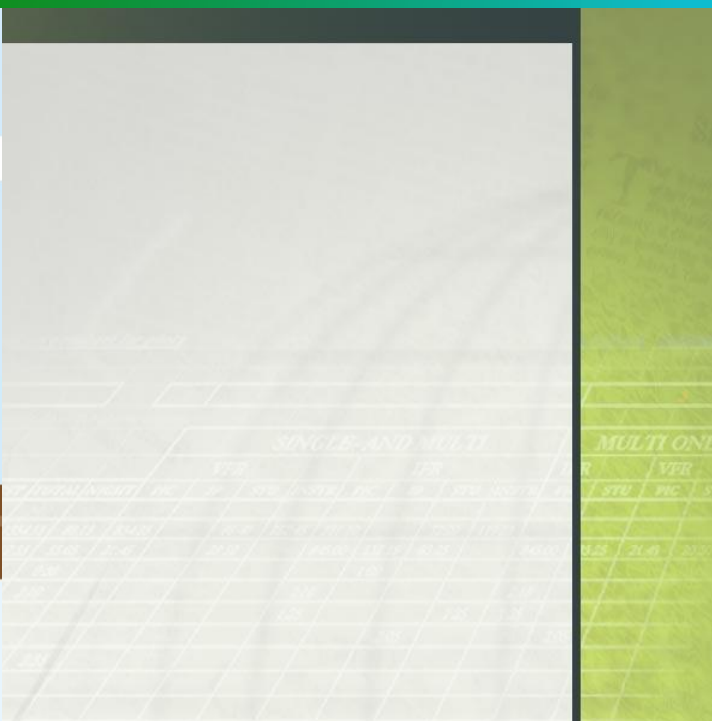
Microplastics are silent pollutants present in the almost every corner of the planet, even the most isolated.



SOURCES OF MICROPLASTICS



PATHWAYS TO THE ENVIRONMENT



LABELLING OF MICROPLASTICS



European Parliament

MICROPLASTICS

- A ban on intentionally added micro-plastics in cosmetics, personal care products, detergents and cleaning products by 2020.
- A stricter norms for products such as textiles, tyres, paint and cigarette butts in order to reduce the release of micro-plastics from them.

SINGLE-USE PLASTICS

- A ban on certain single-use plastics such as cutlery, plates and balloon sticks
- Goods packaging companies have to contribute towards the cost of cleaning up discarded plastics.
- Restriction of lightweight plastics bags

LABELLING OF MICROPLASTICS

Raising awareness of microplastics by Labeling of microplastic content

Microplastics labeling needs

Microplastics		Label for	
Primary	Secondary	Goods	Package

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 Examples of good practice

Laundry Label Chart

PROFESSIONAL CLEANING
 Dry Clean, Do Not Dry Clean, Any Solvent, PCE* Only, HCS† Only, Professional Wet Clean

WASHING
 Normal Wash, Do Not Wash, Permanent Press, Delicates*, Cool/Cold, Warm, Hot, Hand Wash Only, Do Not Wring

BLEACH
 Bleach, Do Not Bleach, Non-Chlorine Bleach

DRYING
 Tumble Dry, Do Not Tumble Dry, Permanent Press, Delicates, Low Heat, Medium Heat, High Heat, Do Not Dry, Line Dry, Drip Dry, Dry Flat, Dry In Shade, No Steam

IRONING
 Iron, Do Not Iron, Cool/Cold (Steam-Iron), Warm (Wool/Irks), Hot (Linen), No Steam

*PCE: Perchloroethylene (perc) also known as tetrachloroethylene or trichloroethylene.
 †HCS: hydrocarbon petroleum-based solvents which are less aggressive than perc.

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 Novel labeling system for microplastics

Thank you for your attention

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