

NowPack

New BioBased Film for Packaging

www.newpack-h2020.eu

WORKSHOP

Development of innovative bioplastics
for the food sector

Sustainability and innovation: from feedstock to green chemistry

Maria Grillo, PhD

CEREAL DOCKS
GROUP

atp
r&d



Cereal Docks is an Italian industrial group, active in the first agro-food processing, for the production of ingredients derived from oilseeds (flours, oils, lecithins) and from cereals, for applications in feed, food, pharma, cosmetic and technical sectors .

The group collaborates with the world of agriculture, acting as a link between industry and customer, favoring an ever-closer connection between cultivation, transformation, market placement, and relationship with the final consumer



Cereal Docks

Agriculture, feeding, environment



CD Group
Business diversification

Our products and applications

From seeds to products



People Health



Sustainable Development

Sustainability

Food safety

Green energy

Environment

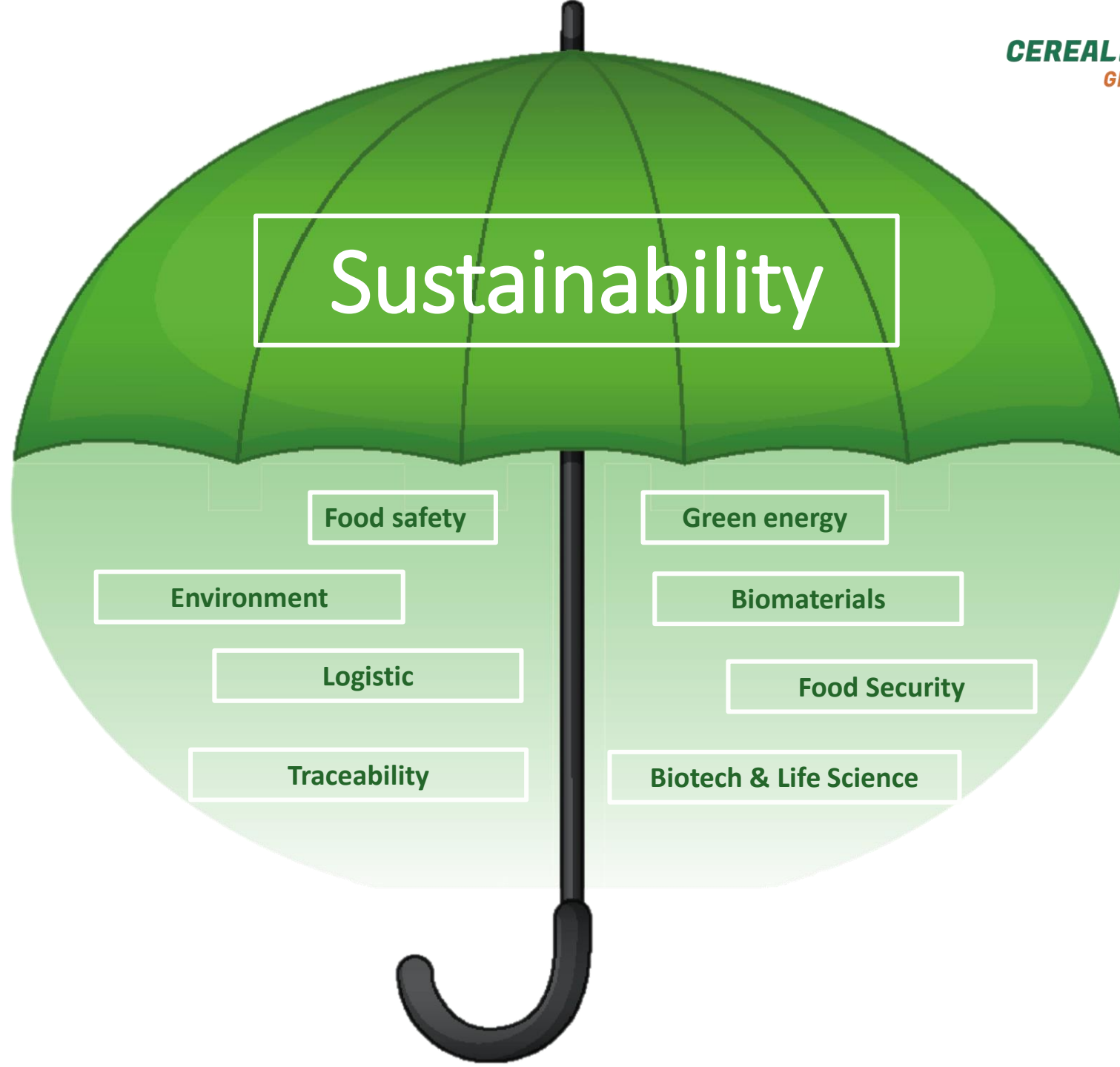
Biomaterials

Logistic

Food Security

Traceability

Biotech & Life Science



Our ways to sustainability... ... through green chemistry

- Innovative use of renewable raw materials
- Agroindustry by-products valorization



From by-products to bio-based building blocks

Biotechnological processes for innovation



From by-products to biobased building blocks

Biotechnological processes for innovation



- Enzymatic reactions
- By product fermentation
- Hydrolisys
- Bioactive molecules extraction
- Single cell colture

From oils to plastic ingredients



Gardening



Biomedical



Toys

Bio- based plasticizers

Next goals

...transforming
traditional processes
into sustainable
biobased industries



Grazie per l'attenzione

Maria Grillo, PhD
mariagrillo@atprd.it

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