

World Forum for a Responsible Economy - June 20th, Arras



EggPlant

NOT WASTING LIFE

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starting with WHY...

2 REASONS!



More Plastic Than Fish by 2050



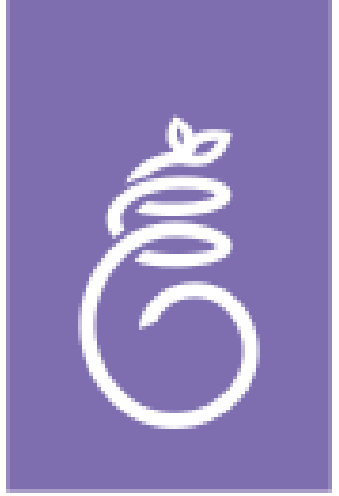


#1 PLASTIC

Production: 300Mt/y
degradation: +100y
Up to 24000 t/y ingested

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e.g. go to www.plasticoceans.org
to know more facts



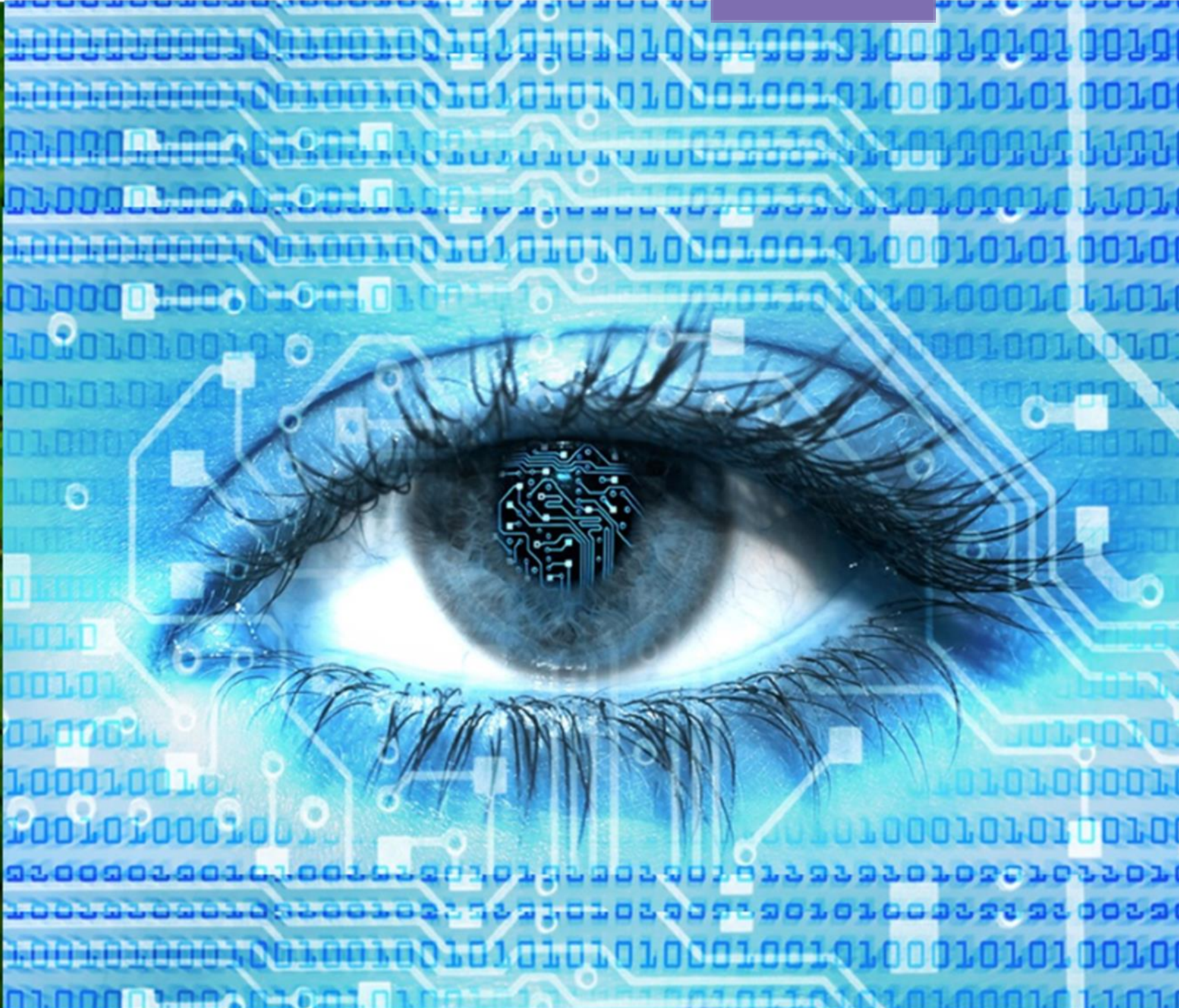
#2 WASTEWATER

Agro-food: 70% fresh water
Wastewater : food up to 10x
pollution > 10x municipal



Act global, Start local

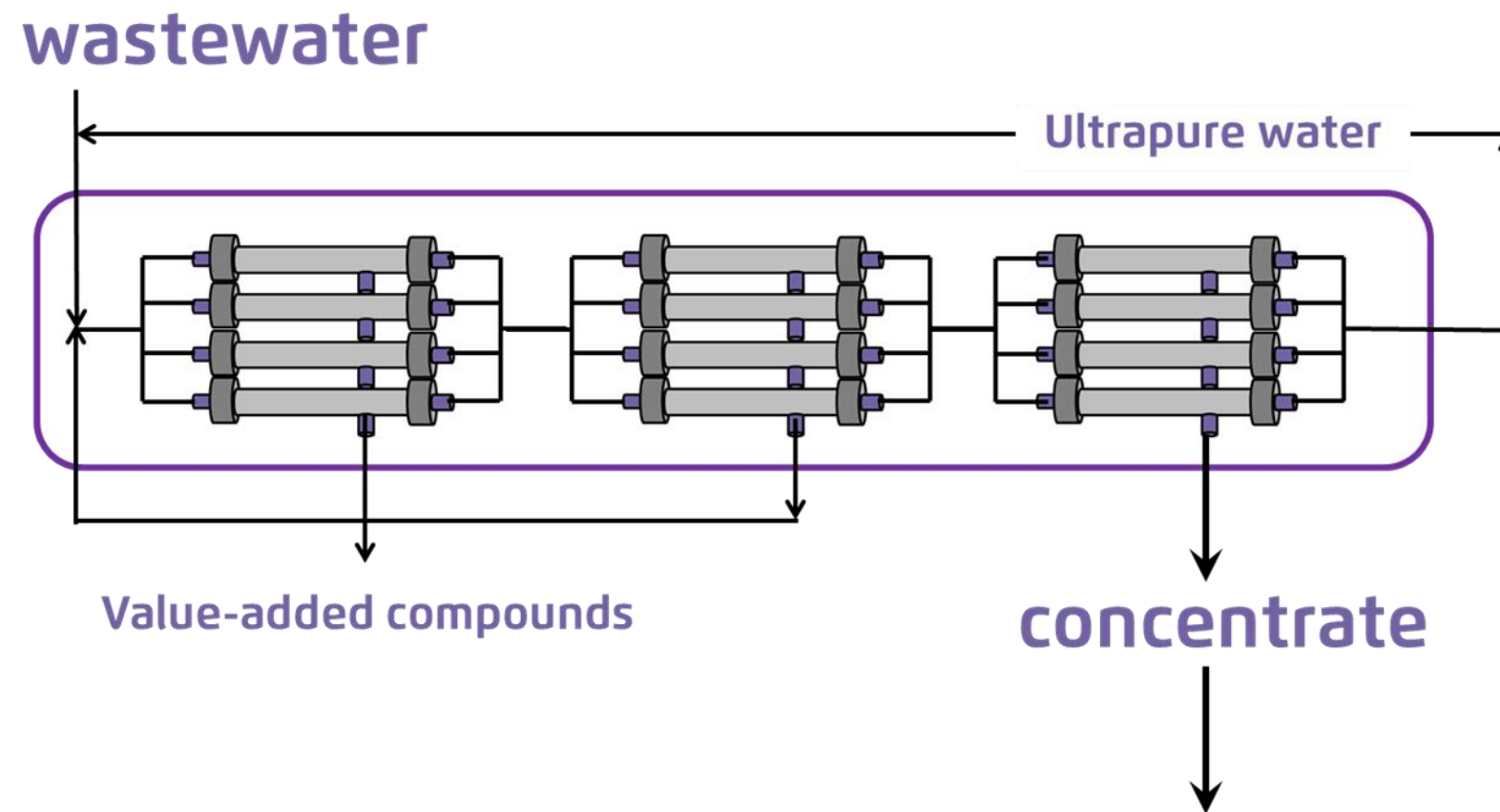
BIOMIMICRY: our contamination



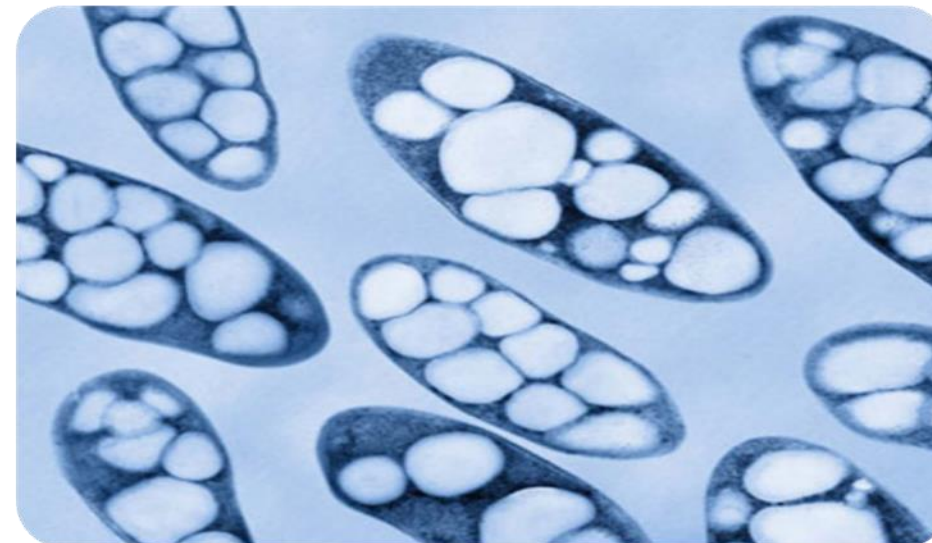


Transforming wastewater into high performance **BIOPLASTICS**

How it works



Phase 1: *membrane filtration*



Phase 2: *bacterial digestion*

PHA Bioplastic



PHA Bioplastic: truly natural, still plastic

- ***100% Bio-based***
- ***100% Bio-degradable***
- ***Superior performances***

Market trends & opportunity



■ Bioplastics ■ Oil-based plastics

Bioplastics
<1% market share
\$3.75B

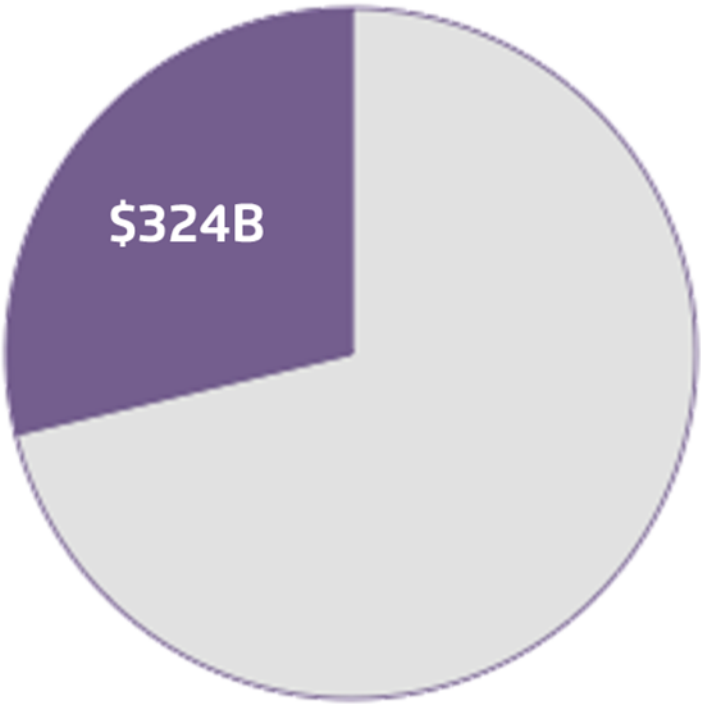


\$455B (2013)

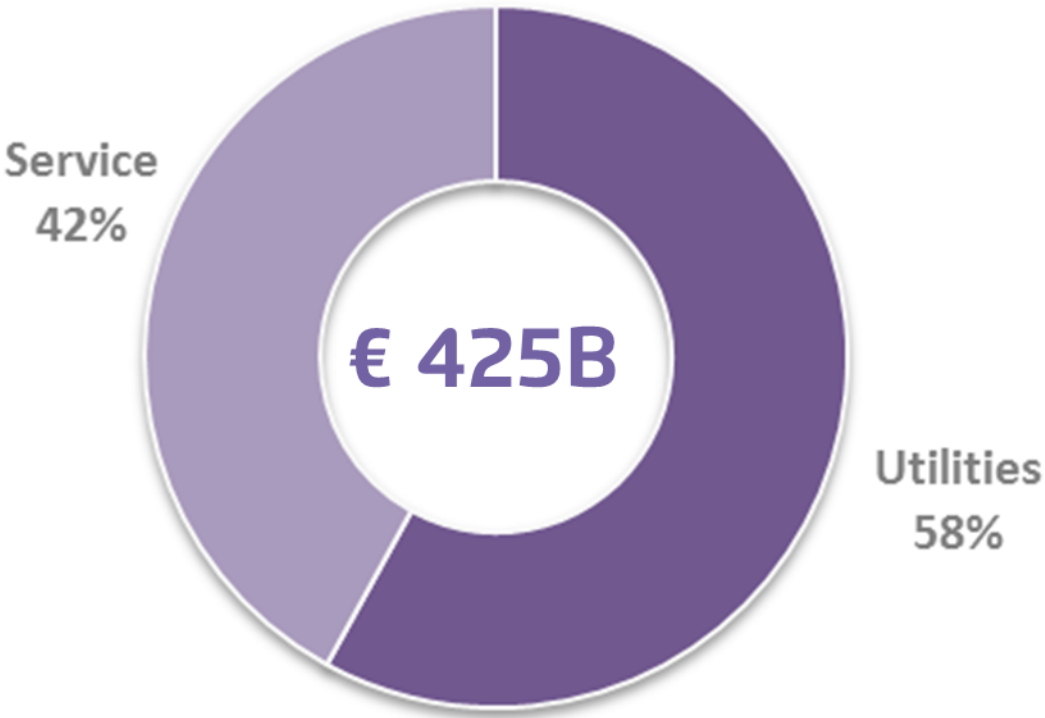
4% market share
\$21B



\$510B (2019)



\$803B (2030)



from plastics to BIO-PLASTICS

from waste to RESOURCES

Tech enabling business



Wastewater revenue

Customer:
Wastewater producer
cost cut >20%



EggPlant
NOT WASTING LIFE

Bioplastic revenue

Customer:
Plastic compounder
cost cut up to 40%

Short term: IP-licensing



License Agreements



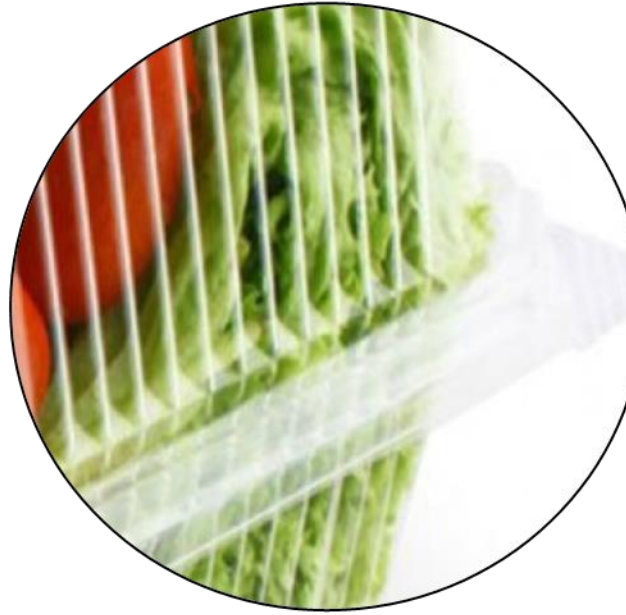
- Pilot plant construction
- Customization study
- License: geography, waste stream

R&D: expanding the IP-portfolio



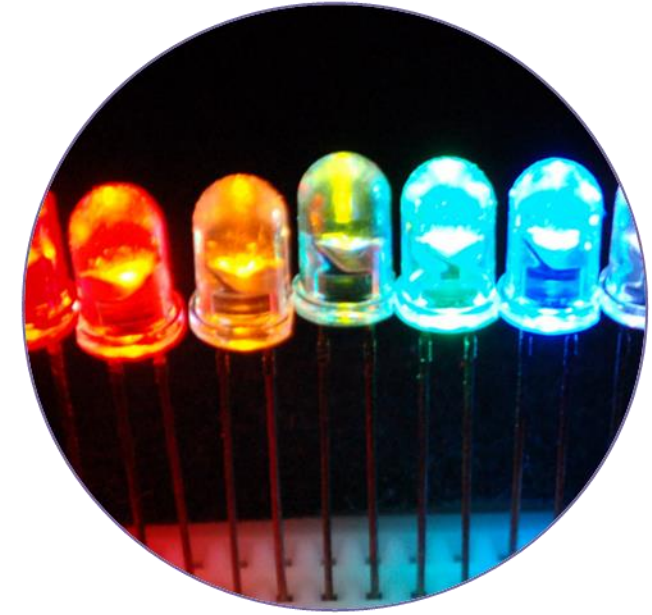
Bio-med

Drug delivery, tissue engineering



Smart packaging & formulations

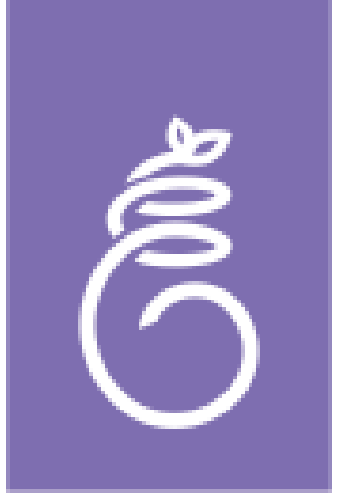
Food, cosmetics, natural additives



Electronics

Green devices (PV, storage, mobiles)

EggPlant So Far



750k\$ raised

10+ prizes & awards



20+ operative collaborations

10+ letters of interest



2 patent pending

1 industrial shareholder

Network & Collaboration: core values



AFTERLIFE

- 15 partners
- 7 EU Countries
- 4 M€ budget
- Starting next Sept.1st
- Scaling up PHA from wastewater



Horizon 2020
European Union Funding
for Research & Innovation



~~What~~ Who is EggPlant?



Domenico Centrone, CEO

7+ yrs business development, co-founder @ Cicer00s
PhD Management Engineering
Fulbright BEST & Echoing Green 2015 fellow



Vito Carofiglio, R&D head

7+ yrs biotechnology and biopolymers
PhD in Molecular Biology
DHITECH fellow, tech transfer associate



Paolo Stufano, CTO

7+ yrs green-chemistry
PhD in Chemistry, IP management
Fulbright BEST & Echoing Green 2015 fellow



Alessandro Sannino, COO

Co-founder at Gelesis Inc. (raised \$ +50M, IPO April 2015)
20+ yrs academic experience (Full Professor at Uni Salento)
Serial Entrepreneur (Gelesis, Type-One, Silverlife ...)

6 International Advisors

March 2017: Industrial Shareholder

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The intersection of money and meaning: the opportunity of a world without waste.