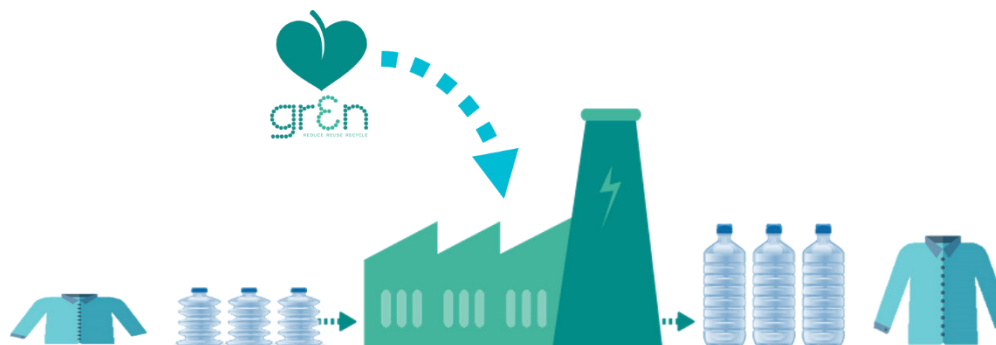




EC HORIZON2020  
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dem&to

Modular, scalable and high-performance  
DE-polymerization by MicrowavE TechnolOgy

September 28<sup>th</sup> || European Plastic Converters || Bruxelles



# Event details

## HIGHLIGHTS

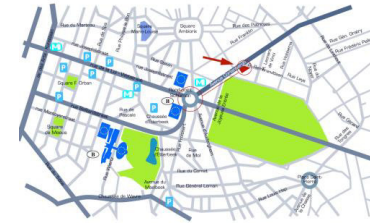
- Increasing global importance of PET/Polyester inevitably raises concerns about the future sustainability of its market
- Today PET/Polyester is reused and not recycled, in fact useless disposal is only delayed through current technologies but not avoided and after 1-3 cycles of re-use, even this path leads to landfill or combustion
- **DEMETO** is a new industrial process which allows for the first time to recycle chemically PET bottles, food containers and even textiles in a highly profitable and environmentally sustainable way
- During the event we will go through all the main features of **DEMETO** from its technological foundation, to its economical aspects and to its contribution for the circularity of PET/Polyester

## VENUE

### European Plastic Converters

Avenue de Cortenbergh 71, 1000 Bruxelles, Belgium

<https://en.vleva.eu/meeting-rooms>



## KEYNOTE SPEAKERS



**Alexandre Dangis**

**EuPC**

Managing Director



**Bernard Merckx**

**Waste Free Oceans**

Founder

[www.wastefreeoceans.org](http://www.wastefreeoceans.org)



**Wim Hoederdaal**

**Indorama**

Technical Marketing  
Manager PET



**Maurizio Crippa**

**gr3n**

CEO



**Matteo Bertelé**

**gr3n**

CFO



**Franco Cavadini**

**Synesis**

CTO



# Agenda

	13.00	Registration
	14.00	Introduction video
	<b>14.05</b>	<b>Opening speech on Env. issues of plastic and its (New) Plastic Economy</b> Speaker: <b>Bernard Merckx</b>
	14.20	Introduction to DEMETO and to its Consortium Speaker: <b>Alexandre Dangis</b>
<b>FOCUS 1</b>	<b>14.30</b>	<b>“De-polymerization by microwave Technology: a new solution to an old problem”</b> Speaker: <b>Maurizio Crippa, gr3n</b> Main contents: “History” of DEMETO The technological approach and its points of innovation Comparison with competing solutions: strengths and weaknesses The DEMETO project: what, when, how, who Milestones to be expected and interactions with the IAB
	15.00	<i>1st Moderated Discussion</i>
<b>FOCUS 2</b>	<b>15.15</b>	<b>“A business model for successful commercial deployment”</b> Speaker: <b>Matteo Bertelé, gr3n</b> Main contents: Market context Relevant stakeholders Business case outline Commercial deployment strategy Open points and relevance of IAB
	15.45	<i>2nd Moderated Discussion</i>
	16.00	Coffee break;
<b>FOCUS 3</b>	<b>16.30</b>	<b>“DEMETO in Industry 4.0 and its role for the circular economy of PET”</b> Speaker: <b>Franco Cavadini, Synesis</b> Main contents: Polyester: the real issue, the holy grail Current situation of polyester waste What fibre-to-bottle re-cycling could mean The missing elements and what is needed to fill the gap
	17.00	<i>3rd Moderated Discussion</i>
	<b>17.15</b>	<b>Inspirational closing speech: “Circular Polyester in 2030”</b> Speaker: <b>Wim Hoederdaal</b>
	17.30	Networking aperitif