



Depolymerizing the Problem

Closing the missing loop for polyester





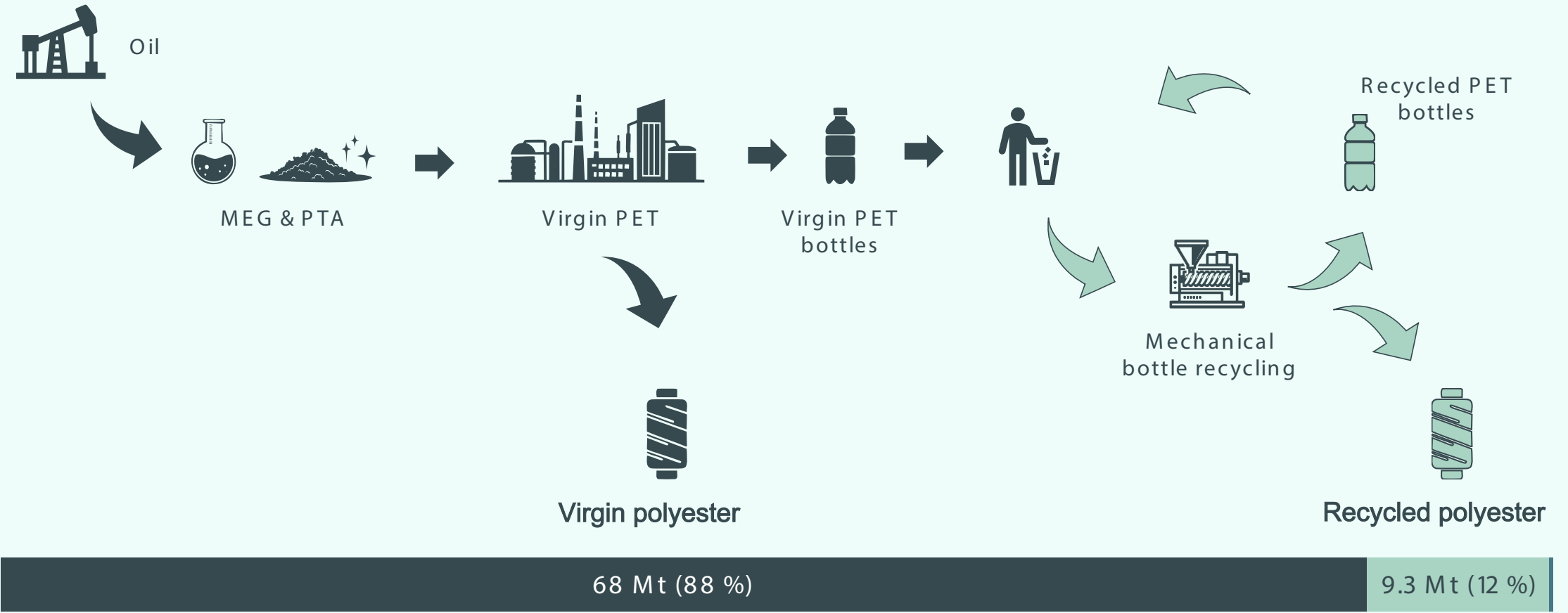
Industrialized
beginning



manual
end-of-life.



Where polyester comes from today



Today's recycled polyester is a bottle story - built on fossil resources.



Mechanical recycling does not solve complex waste



3.4 Mt¹

PET bottles on EU market

75 % collection for recycling



1.4 Mt¹

PET trays & films on EU market

< 25 % collection for recycling



7 Mt²

Textile waste in EU

12 % separate collection*

technical textiles, carpets and nonwovens and others not included.

[1] Petcore Europe 2024, PET m market in Europe state of play 2022
[2] European Environment Agency 2024, Management of used and waste textiles in Europe's circular economy

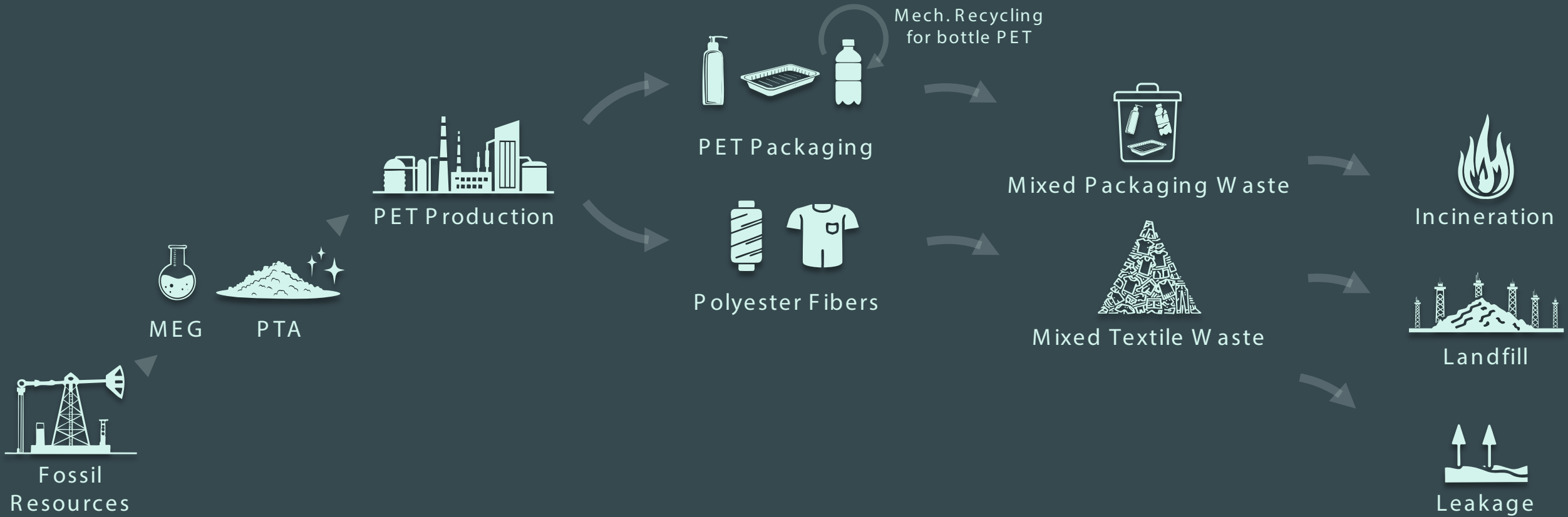
*data from 2024 before mandatory separate collection



The ***matter***
solution

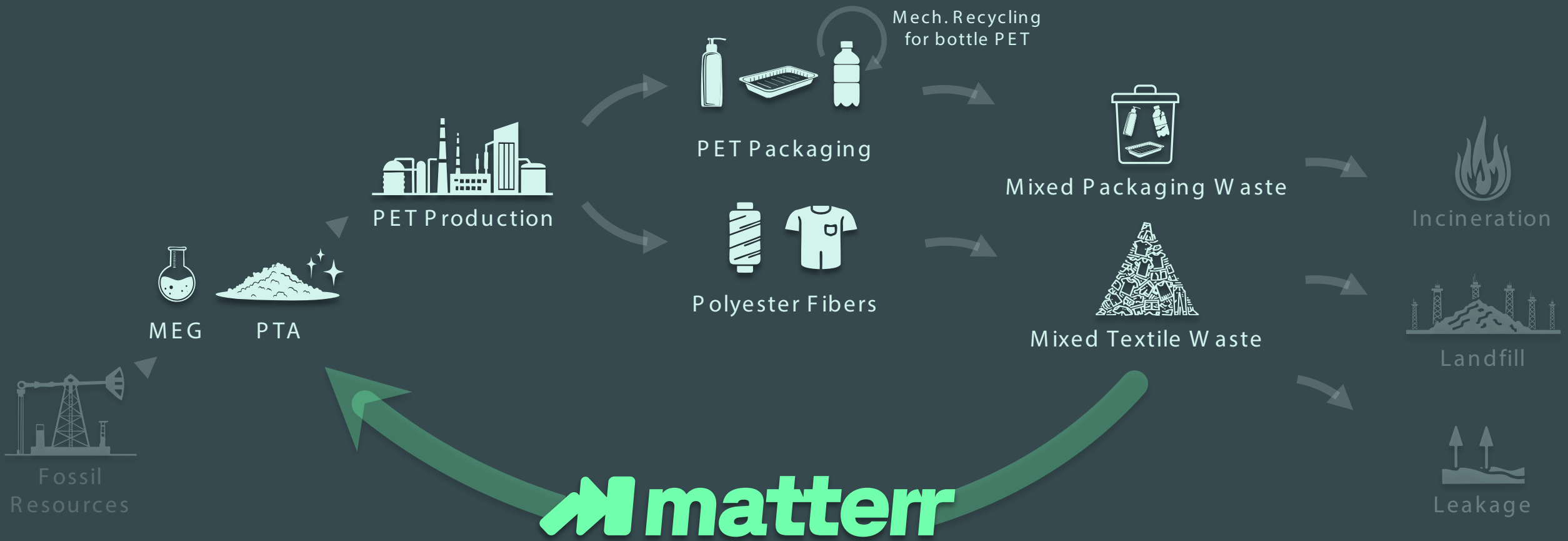


Today's linear system





Circularity powered by **matterr**





Today

R&D Center
Pilot plant & lab

BESTSELLER Investment
Driving circularity

€30m EU-Funding
Committed for scale-up

Next

Industrialization
11.000 mt/a plant

Supply Chain Integration
In & offtake secured

Commercialization
Drop-in ready





**Technology alone
does not scale.
Ecosystems do.**



**Fast forward to a
time when forgotten
landfills have
become vibrant hubs
of the circular
economy.**

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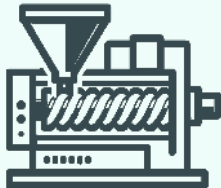


matterr technology

PET/PES waste



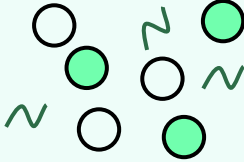
Depolymerization



Dissolution



Separation



Product recovery

Water recovery

Purification

- ~ Non-polyester residue
➔ Residue can be valuable e.g. cotton, PE & others
- Recycled terephthalic acid
- Recycled monoethylene glycol