Reimagine Drug Delivery Devices with Polycarbonates

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Covestro Deutschland AG / Covestro (France) SNC

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With the support of:



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Covestro – global plastics manufacturer



Strong and global

- €14.2 bn in sales
- 17,500 employees[1]
- 46 production sites

Game-changing and beneficial

- Polymer materials of superior quality
- Across numerous industry sectors
- Keeping an eye on global challenges





Innovative and sustainable

- ~1,300 employees in research and development
- 80 years of ideas and inventions
- Pioneer of the circular economy

Information is based on financial results for 2024.
[1]calculated as full-time equivalent (FTE)

Leading polycarbonate supplier to the Healthcare industry



For 50 years*, Healthcare OEMs have relied on our materials and industry expertise:

- Consistency, quality and long-term reliable supply
- Global product availability from sites following GMP
- Innovative materials meeting rigorous Healthcare requirements
- Excellent technical and regulatory service

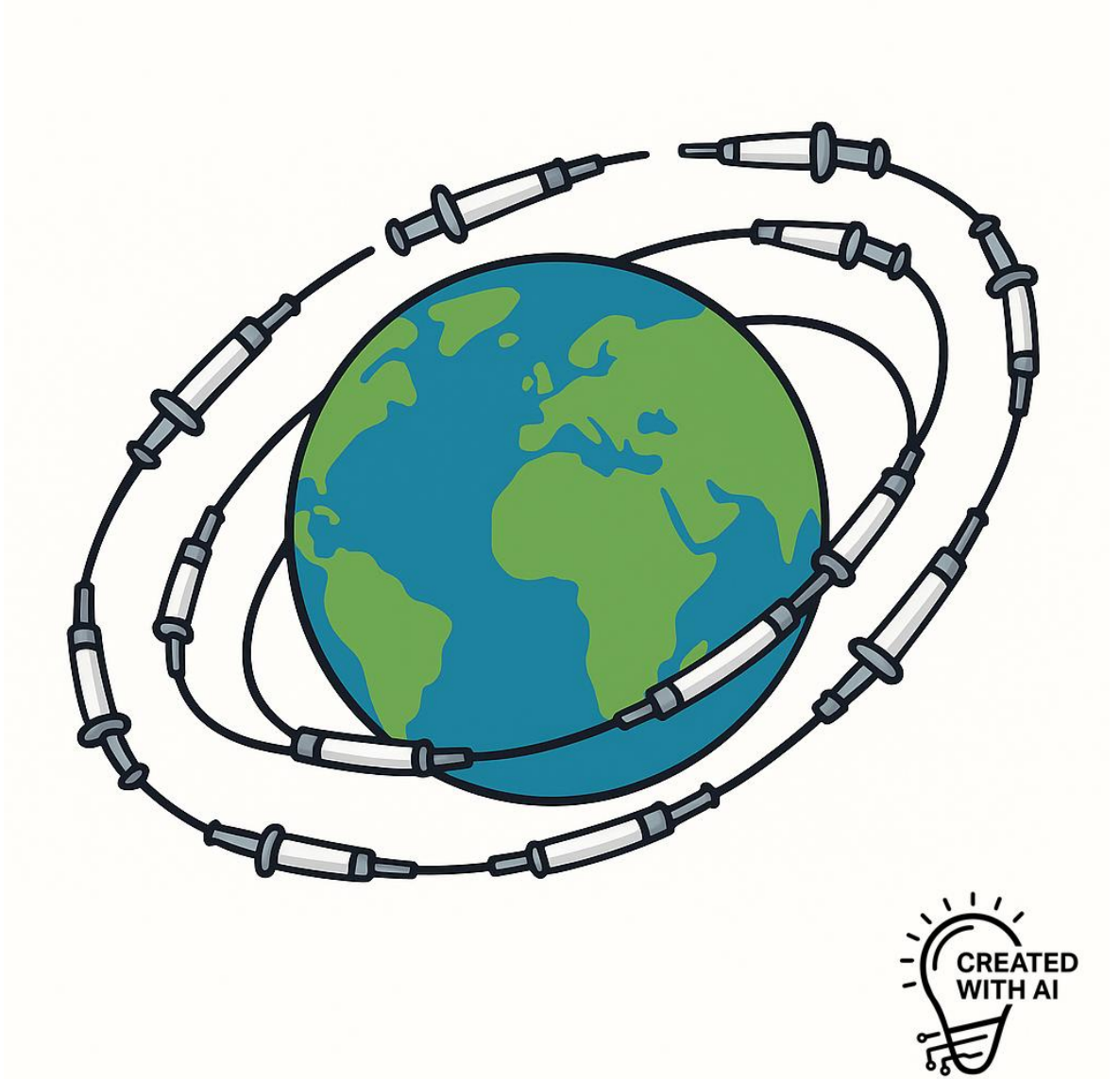
* Including former legal entities, for more details see History of Covestro | Covestro

Why „Reimagine“ Drug Delivery?

Growing demand for single-use Drug Delivery devices poses a growing waste problem.

„An additional one billion typical single-use autoinjectors discarded after use could equate to 35,000 tonnes or 50,000 cubic metres of waste – and enough devices to cirlce the globe 3.5 times.“

From: M. Parker, S. Lyons, A. Lyness, ““Scaling GLP-1 drugs without a mountain of waste“, **ONdrugDELIVERY issue 159, May 2024.**



Reimagine Drug Delivery Devices

with polycarbonates

Further information that builds on the contents of this presentation can be found online:



Mono-material design

For better recyclability and circular use of plastics

Reduction of CO_2 footprint

Through biocircular-attributed polycarbonates as drop-in solution

Reduced material consumption

Towards high performance in thin-wall designs

Reusable devices

Enabled by more durable material solutions

Improved aesthetics

Digitalization of sampling and prototyping

THANK YOU!

Check out the latest version of our Healthcare reference guide:

Visit us at



May 27-28, Geneva - Switzerland