

BASF Research Press Briefing, December 11, 2025



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Head of Global Product Innovation Monomers

**CIRCULARITY**

**YOU CAN WEAR**

loopamid® - a brand of BASF.

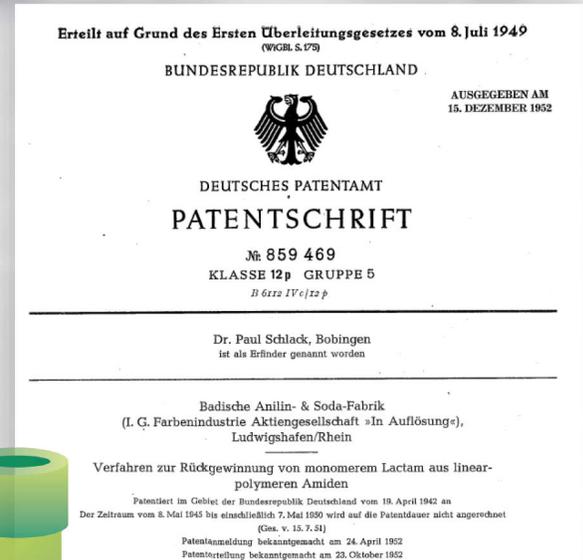
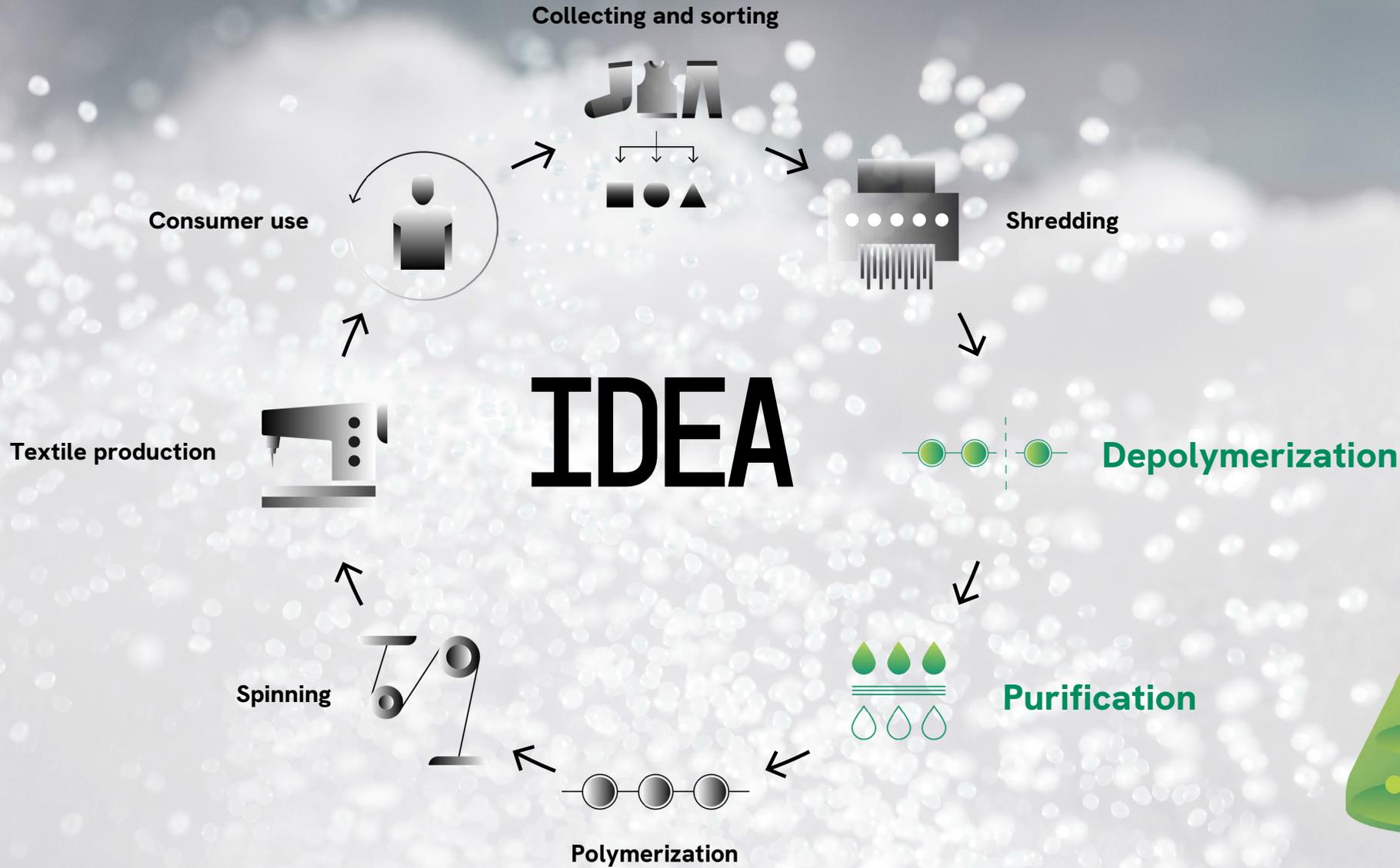


**LOOPAMID® IS THE FIRST  
POLYAMIDE 6 ENTIRELY MADE  
FROM TEXTILE WASTE.**

# A CHALLENGE OF 120 MILLION TONS

Amount of valuable resources being dumped every year





**Pioneer  
in the 1940s**



# A NEW RECYCLING CHALLENGE



# FEEDSTOCK AVAILABILITY

Sorting by fiber type is only at a very limited scale today

Polyester

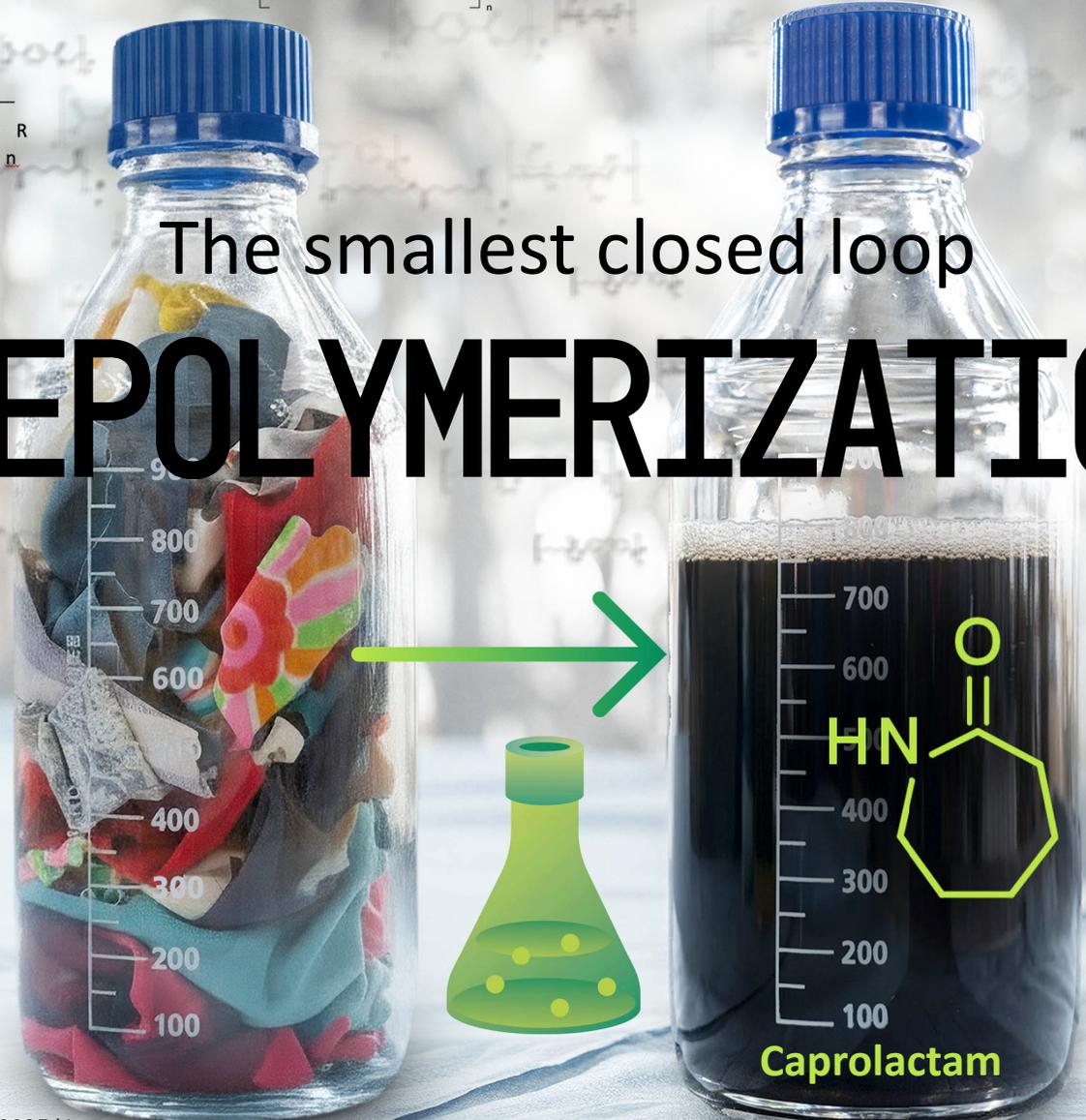
Polyamide

Collecting  
and sorting

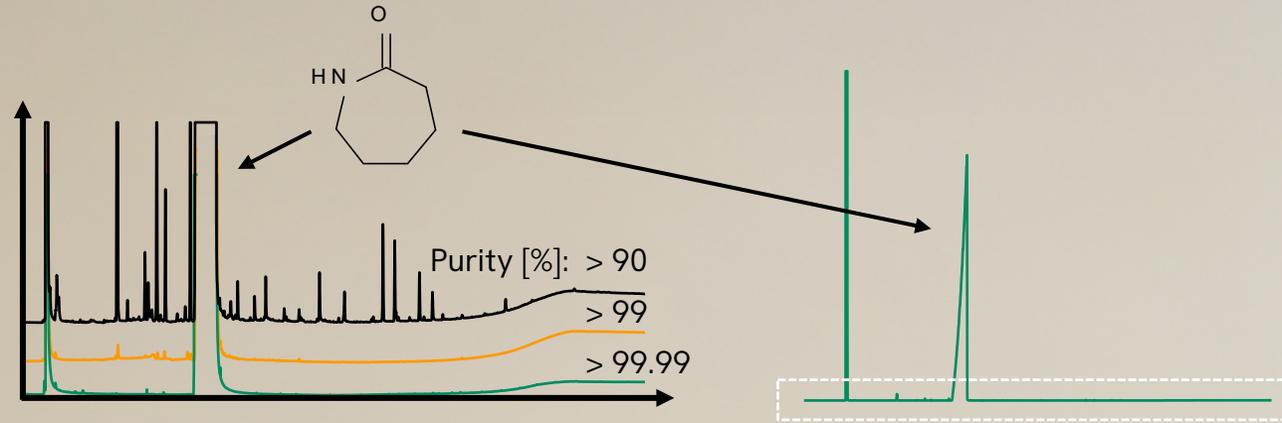


The smallest closed loop

# DEPOLYMERIZATION



Gas Chromatogram



# PURIFICATION

High-speed spinning requires extreme purity level



# TEXTILE-TO-TEXTILE RECYCLING IS A REALITY

LOOPAMID x ZARA

ADIDAS T-REX\*

# CIRCULARITY YOU CAN WEAR

1

LOOPAMID® IS DESIGNED FOR CIRCULAR FASHION

2

SORTING OF TEXTILE WASTE BY FIBER TYPE IS PRE-REQUISITE FOR RECYCLING

3

COMPLEX FIBER MIXTURES, INCLUDING SPANDEX CAN BE PROCESSED

4

CONTROLLED DEPOLYMERISATION AND PURIFICATION ARE KEY

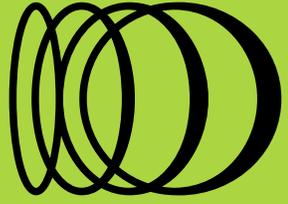
5

THE RECYCLED POLYAMIDE, LOOPAMID, HAS VIRGIN QUALITY

6

PRODUCING NEW GARMENTS FROM LOOPAMID CLOSES THE LOOP ON TEXTILES





loopamid®

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**LOOPAMID**

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**DESIGNED FOR  
CIRCULAR FASHION**

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