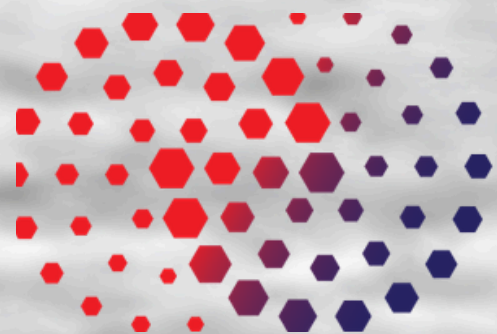
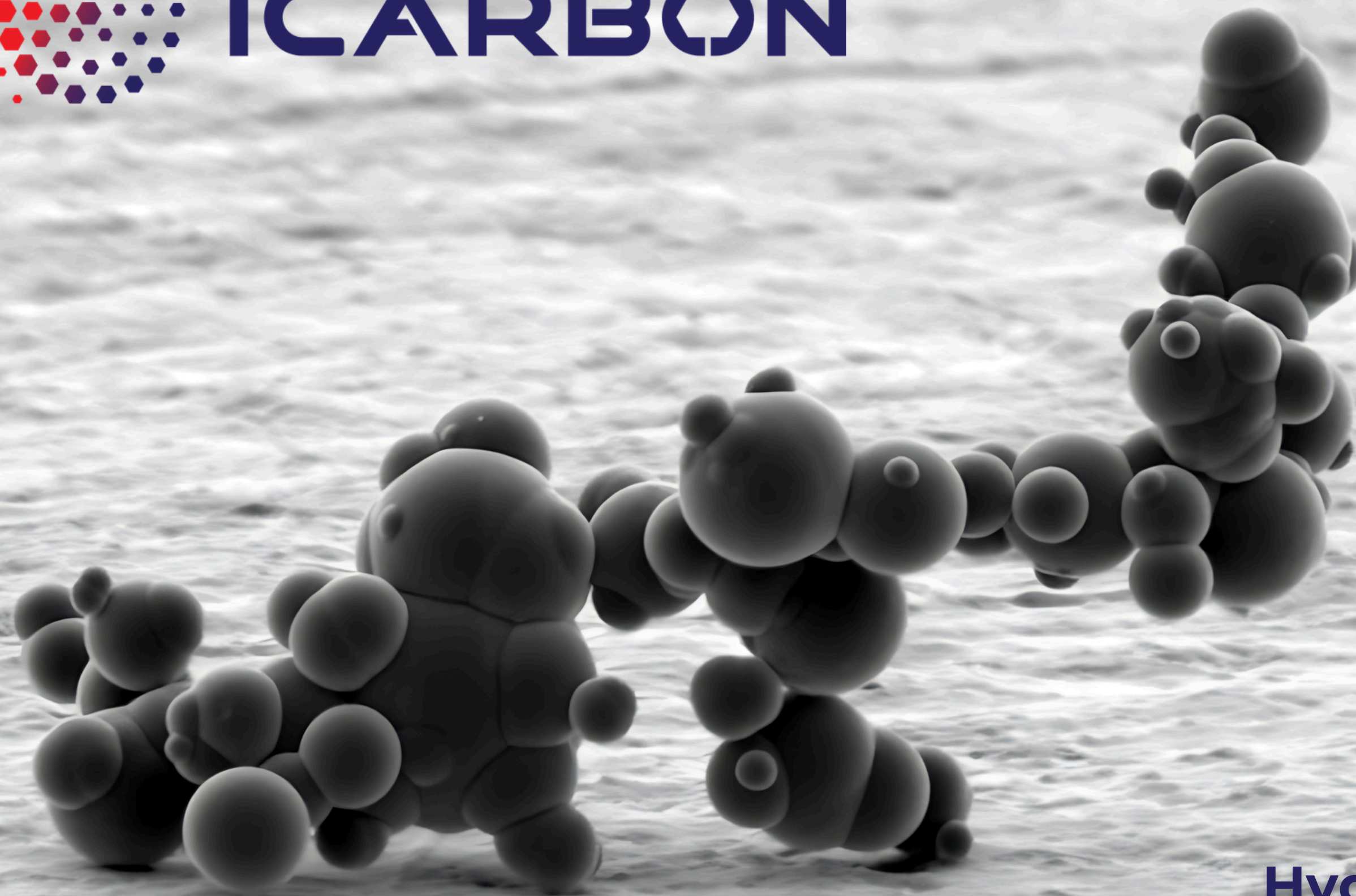




ICARBON



**Hydrothermal Powering
Carbon Circularity**

We Are All Facing the Same Challenges!



**≥ 353 Million Tons/Year¹
Plastic**

<10% Recycling



**≥ 40 Million Tons/Year⁴
Rubber Waste**

<10% Recycling



**≥ 50 Thousand²
Tons/Year
Composite Waste**

<15% Recycling



**≥ 30 Million Tons/Year³
Polyurethane**

<30% Recycling

Sources: 1-<https://www.oecd.org/en/about/news/press-releases/2022/02/plastic-pollution-is-growing-relentlessly-as-waste-management-and-recycling-fall-short.html>

2-A review on the recycling of waste carbon fibre/glass fibre-reinforced composites: fibre recovery, properties and life-cycle analysis

3-Reviewing the thermo-chemical recycling of waste polyurethane foam

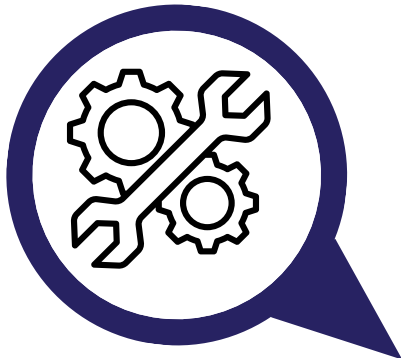
4-BlackCycle Project

Problem



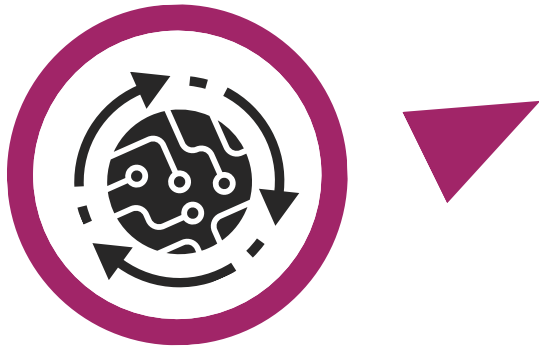
01 | Technological Insufficiency

Existing recycling technologies are inadequate for waste and approaches cause secondary waste.



02 | Sustainability / Green Transformation

Sustainable product safety. Industry's failure to address needs for recycled products.



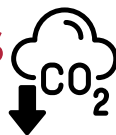
2030-2050 goals...

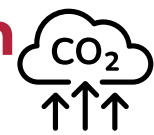


03 | Standards / Regulations

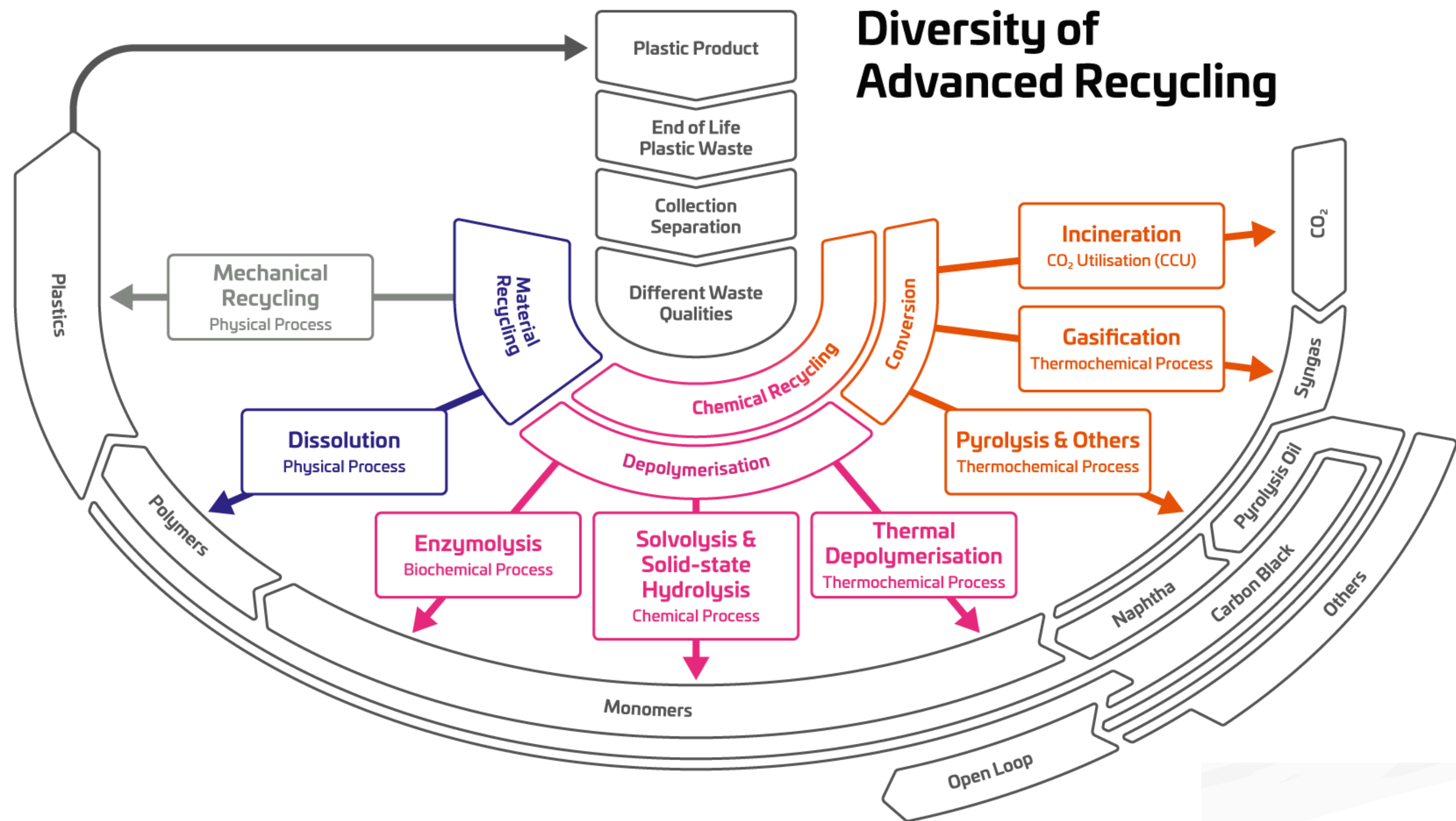
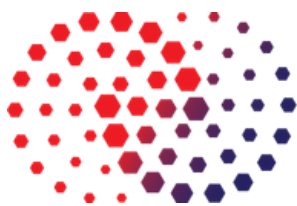
Inconsistency of standards and formulations for characterizing recycled product properties.



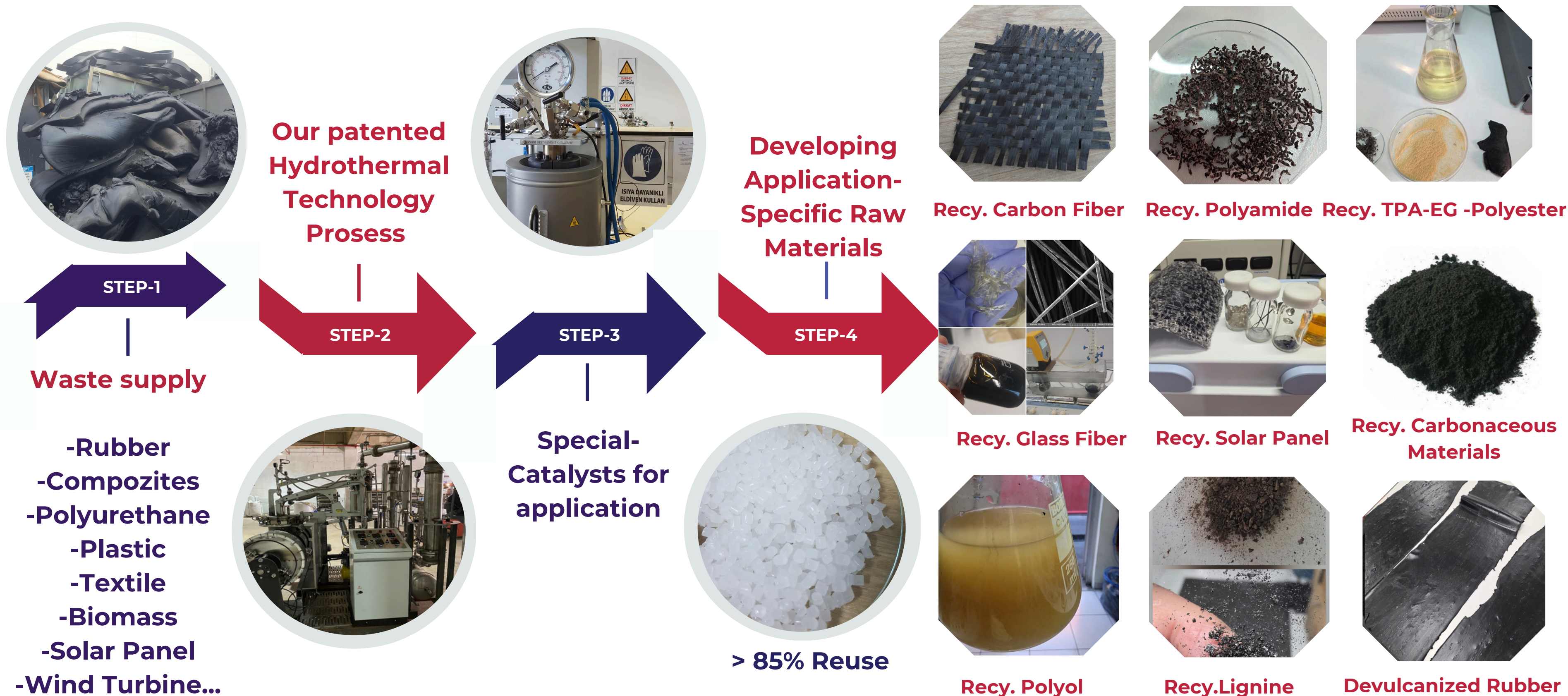
2030 Goals ~ 5 billion tons  -e

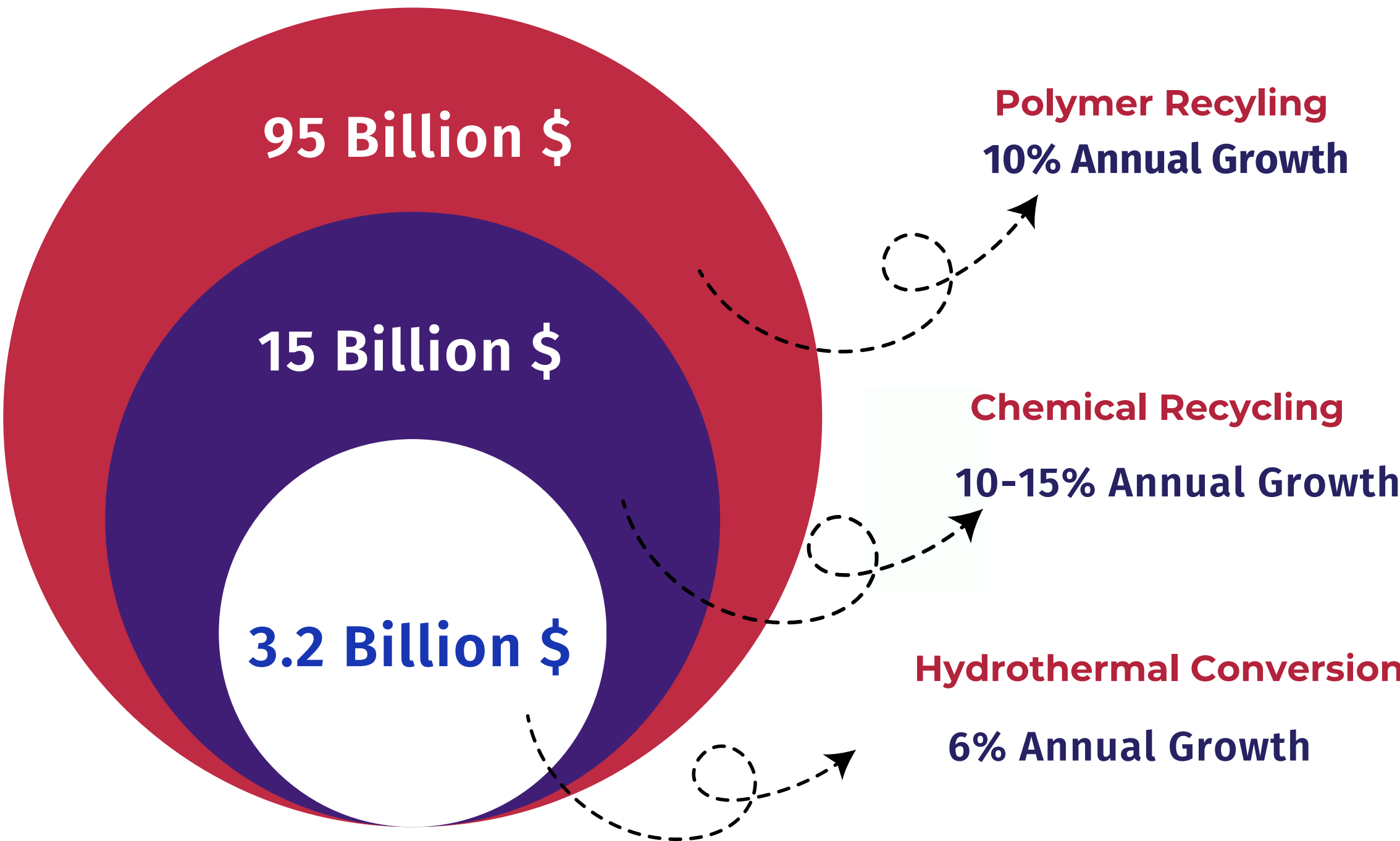
Today ~ 1,7 billions ton  -e

Advanced Recycling ?



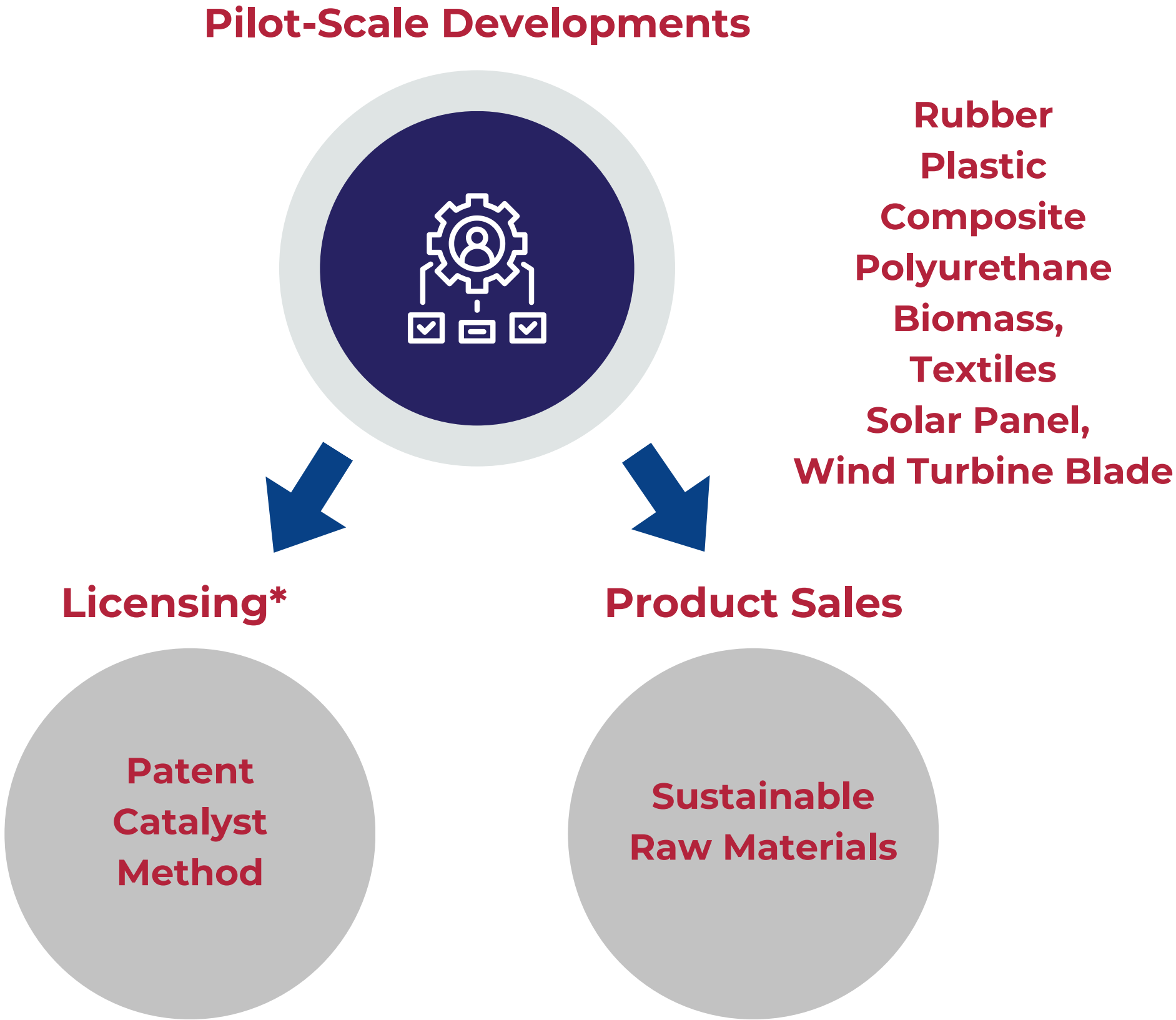
ICarbon's Advanced Recycling Solution and Sustainable Product





Investors in Advanced
Recycling.....





*Detailed technical assistance services such as training and supervision during detailed engineering, construction, commissioning, and performance testing of industrial facilities for licensees.

Road Map



2022



PoC Studies: New Product Development Efforts



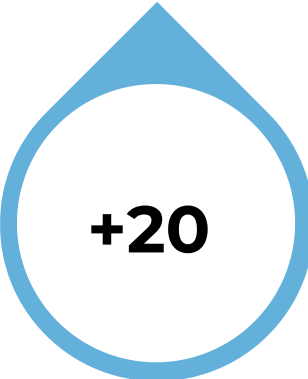
2024 -1

Carbonization and Devulcanization Mass Production: Strategic business agreement - International project acceptance



2021

Development Completion: Devulcanized Rubber and Carbon-Derived Materials - TÜBİTAK 1512



2023

Service Agreements: R&D and URGE-focused with 6 different companies - Training for 25 companies



Resource Optimized Injection Mold Design -. Cornet Project

2024-2-3

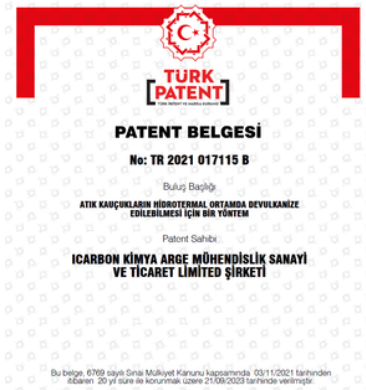


2025...

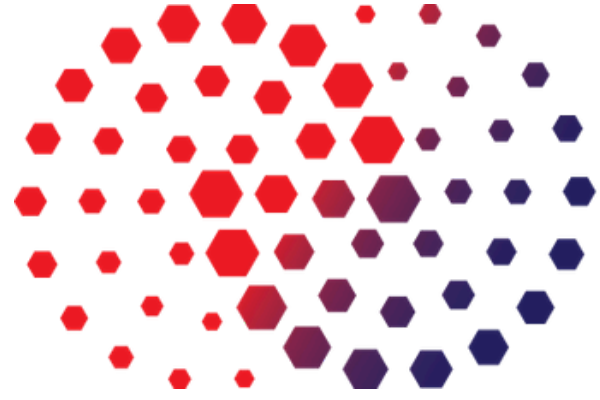


2026...

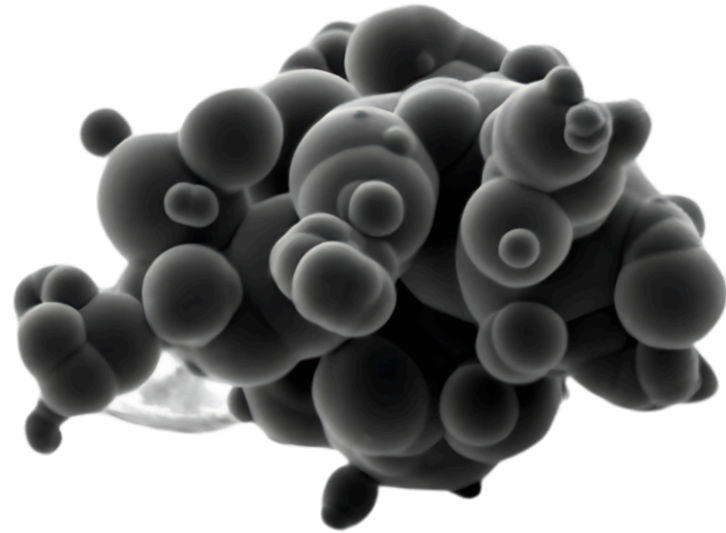
5 Licenses >10 Tons Product Sales



We received pre-seed investment with a valuation of 2.8 million \$



Thank you!



**Do You Want to Use the Power of Carbon
for the Circularity of the World?**

Contact Icarbon...



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Founder

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