

June 2025

Materials & Packaging

Energy

Waste Monetization

Technology

VIVOMER

[Shellworks launches compostable pipette](#)

Sustainable packaging firm Shellworks claims that it has developed the world's first fully compostable pipette dropper. The packaging uses Shellworks' award-winning plastic-free material Vivomer, which is created from waste biomass and breaks down in home compost environments

Palantir

[Palantir partners to develop AI software for nuclear construction](#)

Palantir Technologies announced partnership with a nuclear development company to develop an AI-driven software system specifically for nuclear reactor construction. The partnership aims to streamline and modernize the building process, enabling faster and cost-effective deployment of nuclear power plants.



[Grey Parrot launches AI powered packaging data platform](#)

Deepnest, an AI-powered packaging data platform designed to provide brands and packaging producers with real-time insights into how their packaging performs once it enters the waste stream. Major global companies such as Unilever, Asahi, and Amcor are among the initial users trialing the platform.

Regulation



[Oregon governor signs bottle bill](#)

Oregon has passed a law permitting the creation of "alternative" beverage container redemption centers for canners—individuals who regularly redeem containers for income. These centers aim to offer easier access for canners while allowing nearby stores to reduce or limit their own collection services.



[Poland's amends distancing rule for onshore wind farms](#)

The Sejm, lower house of Poland's parliament has amended the act on wind farms to reduce the minimum distance between turbines and housing from 700 meters to 500 meters. This change aims to expand land available for onshore wind development and provide financial benefits to property owners near turbines.



[Tesco and WRAP partnered to tackle global food wastages](#)

Tesco partnered with WRAP, a global NGO to call for urgent global action on food loss and waste, which causes 8–10% of global emissions and costs \$936 Bn annually. Through partnership, they aim to launch supply chain initiatives and WRAP aims to engage 50 global businesses in SDG-aligned targets, push for stronger national policies.

Finance

ecohelix

[Ecohelix secures \\$2.5 Mn funding from EU](#)

Ecohelix, a biotechnology company received \$ 2.5 Mn funding from EU to accelerate the market launch of its wood-based biopolymer, WOODMER Seal. This sustainable coating, made from forest material and pulp side streams, offers heat-sealability and barrier properties with a low carbon footprint, and enhances recyclability for packaging in sectors

ASEEM
INFRA FINANCE

[Aseem Infrastructure bags green loan](#)

Aseem Infrastructure Finance Limited secured an \$80 Mn green loan from DBS Bank to fund renewable energy projects across India. DBS Bank acted as the sole arranger and sustainability coordinator for the deal. Previously, Aseem provided Rs INR 4.16 Bn to Sunsare Energy for a 150 MW solar park in Solapur, Maharashtra.



Government of South Australia
Green Industries SA

[Green Industries SA to invest in circular infrastructure](#)

GISA has launched 2 grant programs focused on developing circular infrastructure. **Circular Infrastructure Grants:** \$0.3 Mn for local businesses and councils to invest in recycling equipment and processes. **Recycling Modernization Fund:** Up to \$2 Mn for large-scale projects to improve sorting & processing of materials banned from export.

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[Italy's Eni launches demo plant for mixed plastic recycling](#)

Eni's chemical division, Versalis, has launched a demonstration plant in Mantua, Italy, featuring its new 'Hoop' technology for the chemical recycling of mixed plastic waste. This proprietary process converts mixed plastics into feedstock suitable for producing new plastic materials, including those used in food and pharmaceutical packaging.



[SAJ launched AI Saving 2.0](#)

At Smart Energy Conference & Exhibition-SNEC 2025, SAJ launched AI Saving 2.0, an AI-driven energy management, integrated system design, with full-scenario adaptability. It integrates four self-developed algorithms: solar generation forecasting, load forecasting, electricity price prediction, and intelligent scheduling.



[SAF Technology Alliance](#)

Honeywell, Samsung E&A, Johnson Matthey, and Gidara Energy have come together to form the SAF Technology Alliance to scale up sustainable aviation fuel (SAF) production using waste feedstocks. The alliance will integrate gasification and the Fischer-Tropsch process to convert waste into fuel, aiming to build a full-service SAF supply chain.



Regulation



[Ethiopia banned use of single use plastics](#)

Ethiopia's parliament passed a law to phase out single use plastics. The new law prohibits the import and production of single-use plastics, particularly targeting plastic bags with a thickness of less than 0.03 millimeters and disposable plastic items such as bags, bottles, straws, and wrappers.



[New state aid framework to expedite renewables roll-out](#)

The European Commission has adopted a new State aid framework—the Clean Industrial State Aid Framework (CISAF)—to fast-track the roll-out of renewable energy projects across the EU. This framework, effective from June 25, 2025, until December 31, 2030, replaces the previous Temporary Crisis and Transition Framework.



[New York passes bill to shift packaging waste costs](#)

The New York Senate passed a bill shifting packaging waste costs from taxpayers to producers through Extended Producer Responsibility (EPR). It mandates a 30% cut in single-use plastic over 12 years and bans 17 toxic chemicals like PFAS and PVC. All packaging must reach a 75% recycling rate by 2052.



Finance



[IW Capital invests £3.3Mn into Impact Recycling](#)

IW Capital has invested £3.3 Mn into Impact Recycling, that has commercialized the patented Baffled Oscillation Separation System (BOSS), a water-based density separation technology. The BOSS process converts mixed plastic waste into high-purity streams of polyethylene (PE) and polypropylene (PP), each exceeding 95% purity.



[ORLEN secures over PLN 1.7 Bn in funding](#)

ORLEN Group has secured over PLN 1.7 Bn funding for its hydrogen projects under Poland's National Recovery Plan, administered by Bank Gospodarstwa Krajowego. The funding will support the Green H2 project—led by LOTOS Green H2—which involves a 100 MW electrolyser integrated with energy storage for refinery operations in Gdańsk.



[Woodchuck Secures \\$3.75 Mn Seed Funding](#)

Woodchuck, secured \$3.75 Mn in seed funding led by Mason Fink, with additional backing from NorthStar Clean Energy, Alloy Partners, and Beckett Industries. The company uses advanced AI to identify, sort, and process wood waste from construction and manufacturing, diverting millions of tons from landfills and converting it into high-quality biomass.