

Materials & Packaging

Energy

Waste Monetization

Technology



[Saveggy Unveils Edible, Plastic-Free Cucumber Packaging](#)

Saveggy, a Swedish food-tech company, has launched an edible, plant-based coating made from rapeseed and oat oil to replace plastic packaging for cucumbers. The innovation keeps produce fresh for two weeks, reduces plastic waste, and is being trailed in Sweden, with potential expansion across Europe ahead of the EU’s 2030 plastics ban.



[Schneider Unveils Boost Pro Battery System](#)

Schneider Boost Pro a scalable battery energy storage system for commercial and industrial sites, supporting 200 kWh–2 MWh. It reduces costs, carbon footprint, and boosts energy resilience by optimizing renewable energy use, balancing grid demand, supporting EV charging, and providing backup power with AI-driven and cybersecure features.



[Chemical Recycling Byproduct Powers Rubber Production](#)

TACFILLER, a char-based byproduct of chemical recycling, is now a commercial, low-emission alternative to carbon black in rubber production. Used as a “drop-in” additive, TACFILLER reduces carbon emissions by up to 89%, supports regulatory compliance, and encourages circularity, with successful trials by key industry players.

Regulation



[Turkey Allows Recycled Plastics in Packaging](#)

Türkiye’s Food Codex Regulation now allows recycled plastics in food packaging and reprocessing of production scraps. It aims to introduce new environmental and recycling requirements, traceability systems, and regulations, enhancing circularity and ensuring safer, more sustainable food-contact materials in the country.



[India Mandates Solar, Wind Import Registration](#)

From Nov 1 2025, India mandates prior registration of solar and wind equipment imports under the new REEIMS system. Covering components like PV cells and wind turbine parts, this mandate enables better tracking, end-use declaration, and transparency to support domestic manufacturing and secure India’s renewable energy supply.



[Indonesia Updates Rules, Expands Waste-to-Energy](#)

Indonesia’s new Presidential Regulation 109/2025 centralizes waste-to-energy management, replaces the previous regulation, and empowers Danantara to oversee project implementation. It aims a single tariff, expands project eligibility, simplifies licensing, investor safeguards, and transition to sustainable, circular waste solutions nationwide.

Finance



[Council Awarded £5 Million Recycling Grant](#)

Nottingham City Council to receive £5.025 million funding to expand recycling collections, upgrade infrastructure, and enhance engagement in line with new packaging reforms. This EPR initiative shifts producer costs, promotes circular packaging, and helps Nottingham meet waste reduction and carbon neutrality goals.



[EU Commits €545 Million for African Energy](#)

The European Union pledged €545 million for clean energy in nine African countries, supporting grid modernization, renewables expansion, and electrification in rural areas. It aims to assist major projects to improve transmission, boost access, and integrate solar, wind, hydro, and geothermal power, driving jobs and progress towards cleaner climate.



[Endolys Invests £120 Million in Darlington Recycling Facility](#)

Endolys plans to invest £120 million to build a two-phase plastic film recycling plant in Darlington, converting municipal waste into pyrolysis oil. Scheduled for operation by late 2026, the facility will process up to 120,000 tonnes of waste annually, create 120 jobs, and boost circular economy efforts.

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#### [Tournaire Unveils Lightweight, Infinitely Recyclable Bottles](#)

Tournaire's Omni Plus aluminium bottles feature durable, mono-bloc, lightweight construction for leak and contamination resistance. Designed for easy dismantling and recycling, they are 7% lighter than conventional bottles, infinitely recyclable, and align with EU sustainability goals, setting a new benchmark for circular packaging innovation.



#### [UAE Launches Gigascale 24/7 Renewable Project](#)

The UAE is constructing the world's first gigascale 24/7 renewable energy project, featuring a 5.2 GW solar PV plant and 19 GWh battery storage to supply 1 GW continuous clean power. By 2027, it will cut 5.7 million tonnes of CO<sub>2</sub> emissions and create 10,000 jobs, establishing a new global clean energy benchmark.



#### [Spoiled Food Waste Converted Into Valuable Chemicals](#)

KAUST researchers have developed a modular technology that transforms expired dairy and fruit beverages into high-value chemicals, animal feed, and casein. This technology aims to avoid methane emissions, supports Saudi's landfill reduction and circular economy targets, and enables on-site, chemical-free valorization of spoiled food.

### Regulation



#### [India Plans Ban on PFAS, BPA Packaging](#)

India's FSSAI has proposed banning the use of PFAS and BPA in food packaging, mandating food contact materials be free from these chemicals. A 12-week public consultation is underway. The move aims to reduce human health risks, boost environmental safety, and align India with global standard.



#### [India Sets Legally Binding Carbon Reduction Targets](#)

India's MoEFCC has established the Greenhouse Gases Emission Intensity Target Rules, 2025, requiring 282 units across aluminium, cement, chlor-alkali, and pulp & paper sectors to meet binding GHG reduction targets for 2025-27. Non-compliance incurs steep penalties; outperformers earn tradable credits, operationalizing India's first mandatory domestic carbon market



#### [EU Parliament Approves Plastic Pellet Pollution Limits](#)

The European Parliament has adopted rules requiring companies handling, transporting, or transforming plastic pellets to prevent, report, and clean up spills, with packaging upgrades and mandatory labelling. Firms handling over five tonnes per year must comply, aiming to slash EU pellet pollution by up to 74%.

### Finance



#### [EIB, Navigator Agree €40 Million Sustainability Loan](#)

The EIB granted Navigator €40 million loan for decarbonisation—funding upgrades to renewable energy, energy-efficient technology, and bio-based packaging production in Portugal. The project supports EU climate goals and industrial innovation by reducing emissions and promoting circular, sustainable manufacturing.



#### [EBRD Supports Central Asia's Largest Solar-Battery Project](#)

The EBRD is providing \$142 million for Uzbekistan and Central Asia's largest solar-plus-battery project (1 GW solar, 1,336 MWh BESS) in Samarkand and Bukhara. Developed by ACWA Power and Japanese partners, the project will generate 2,300 GWh/year—enough to power 600,000 homes—and enhance grid reliability.



#### [Closed Loop Funds Superior Fine Grind Expansion](#)

Closed Loop Partners issued a multi-million-dollar loan to Superior Fine Grind (SFG), enabling the rural Pennsylvania recycling facility to expand and upgrade equipment for processing more recyclable materials. The investment boosts rural recycling access, job creation, and regional circular economy infrastructure.