Packaging Technology To Meet Sustainability Goals

Investigate applicable sustainability strategies



- Determine what sustainability means to your core customer through in-depth research
- Develop realistic sustainability goals with robust criteria to satisfy end-users and suppliers

The sustainable packaging market is projected to reach \$349 billion by 2026



- Explore possible packing changes in terms of material, manufacturing processes and supply chain constraints
- Analyze the financial impact of new operational costs and potential long-term value
- Create a transition timeline once costs have been ascertained

Create a centralized approach to more sustainable packaging

Introduce new sustainability efforts



 Reduce packaging by utilizing reusable, recyclable, organic, recycled or compostable materials

67% of consumers report that purchasing products packaged in recyclable material is important to them



- Designed to reduce head space and carton size
- Increases the amount of product that can be shipped in one truckload
- Ultimately shrinks carbon footprint

Upgrade to new equipment, such as advanced cartoners



- Convert packaging to liquid hydrocarbons using pyrolysis or gasification to generate feedstock for producing "new" plastic with similar performance
- Consider cutting-edge materials such as micro-perforated resealable films, which can reduce packaging materials by 30-40%



Sources: packagingdigest.com/sustainability/6-creative-packaging-approaches-meet-sustainability-goals | mckinsey.com/industries/paper-forest-products-andpackaging/our-insights/the-drive-toward-sustainability-in-packaging-beyond-the-quick-wins | en.innovamaquinaria.com/news/sustainablethinking-how-can-thepackaging-technology-contribute-to-the-sustainable-development-goals | packworld.com/issues/sustainability/article/21391874/five-ways-to-drive-design-and-meet-

 $sustainability-goals \mid ey.com/en_us/strategy/how-meeting-sustainability-goals-can-be-wrapped-into-packaging$