

# ADVANTAGES OF GLASS (CULLET) RECYCLING

## ECONOMIC BENEFITS

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- Job Creation: The glass recycling industry supports jobs in collection, processing, and manufacturing
- Cost Saving for Manufacturers: Using recycled glass (cullet) reduces production costs of fiberglass and bottlers, as it requires less energy to melt and form
- Reduces Imports of Alternative Raw Materials: The use of locally sourced recycled glass reduces the cost of importing of alternative raw materials such as sand, soda ash, and limestone
- Revenue Generation: Recycled glass products can be sold, generating revenue, and stimulating the recycling industry

## ENERGY CONSERVATION AND THE GRID

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- Lower Energy Consumption: Recycling glass simply saves on energy costs compared to producing fiberglass, or new glass from raw materials
- Grid Resilience: Lower demands for energy can reduce this demand on the grid
- Sustainable Production: Using recycled glass in manufacturing reduces the reliance on non-renewable energy sources

## COMMUNITY AND DEVELOPMENT BENEFITS

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- Reduced Strain on Landfills: Glass is non-biodegradable and takes up significant landfill space. Recycling glass reduces waste to landfills, which can be important in planning future development of new communities
- Recycled glass can be recycled endlessly without degradation in quality or purity