



Beverage Packaging Opportunities

Cellulose Nanomaterials Workshop – A Path
Towards Commercialization
Paper, Packaging, Food & Beverage Panel

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Ed Socci is an employee of PepsiCo Inc. The views expressed in this presentation are those of the author and do not necessarily reflect the position or policy of PepsiCo Inc.

PepsiCo Mega Brands

22 Billion-Dollar Brands



More Than 40 \$250 Million–\$1 Billion Brands



Beverage Packaging Opportunities

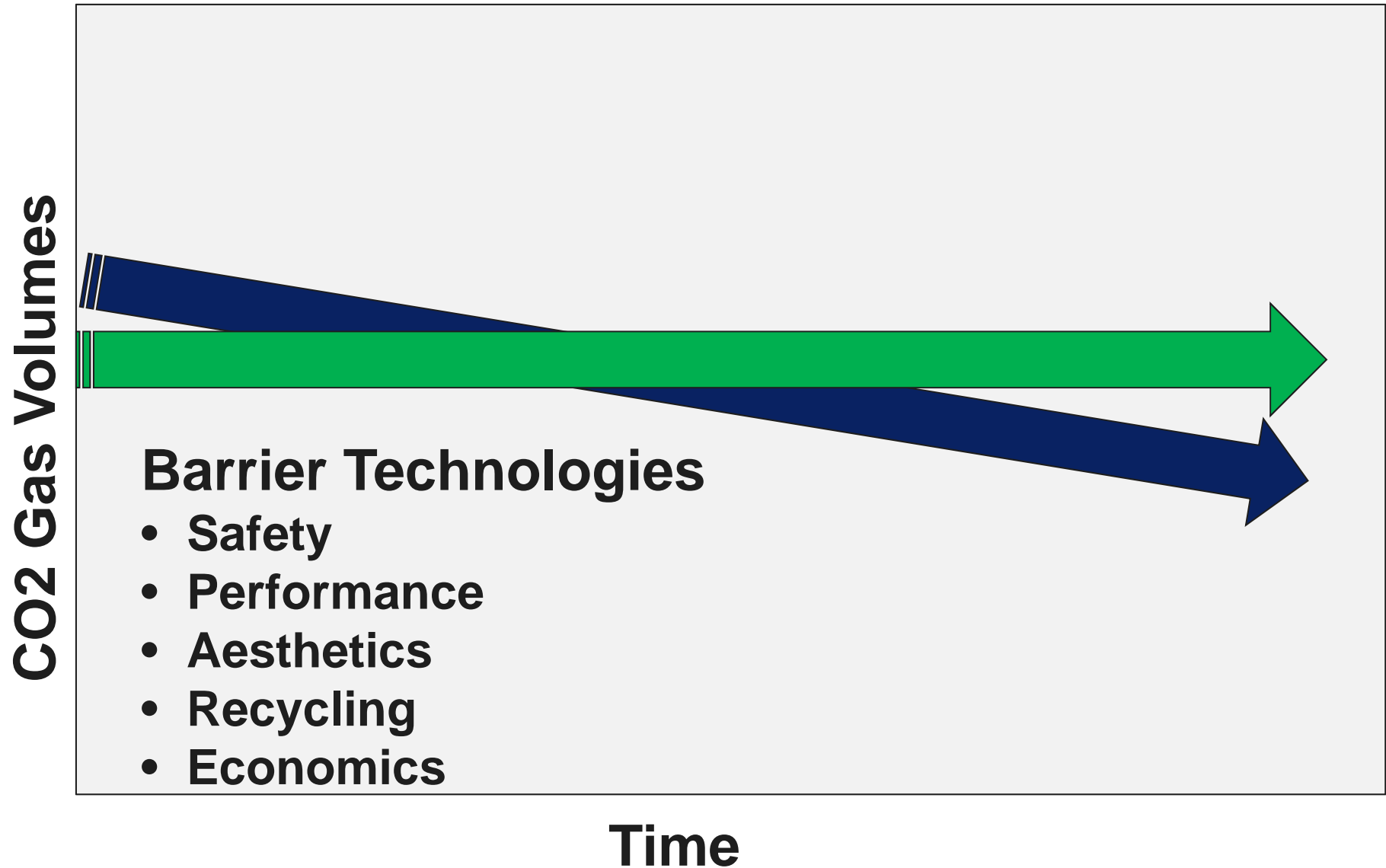
Product Freshness

**Gas, Water, UV
Barrier Coatings**

**Environmental
Impact**

**Stiffer, Lighter
Renewable**

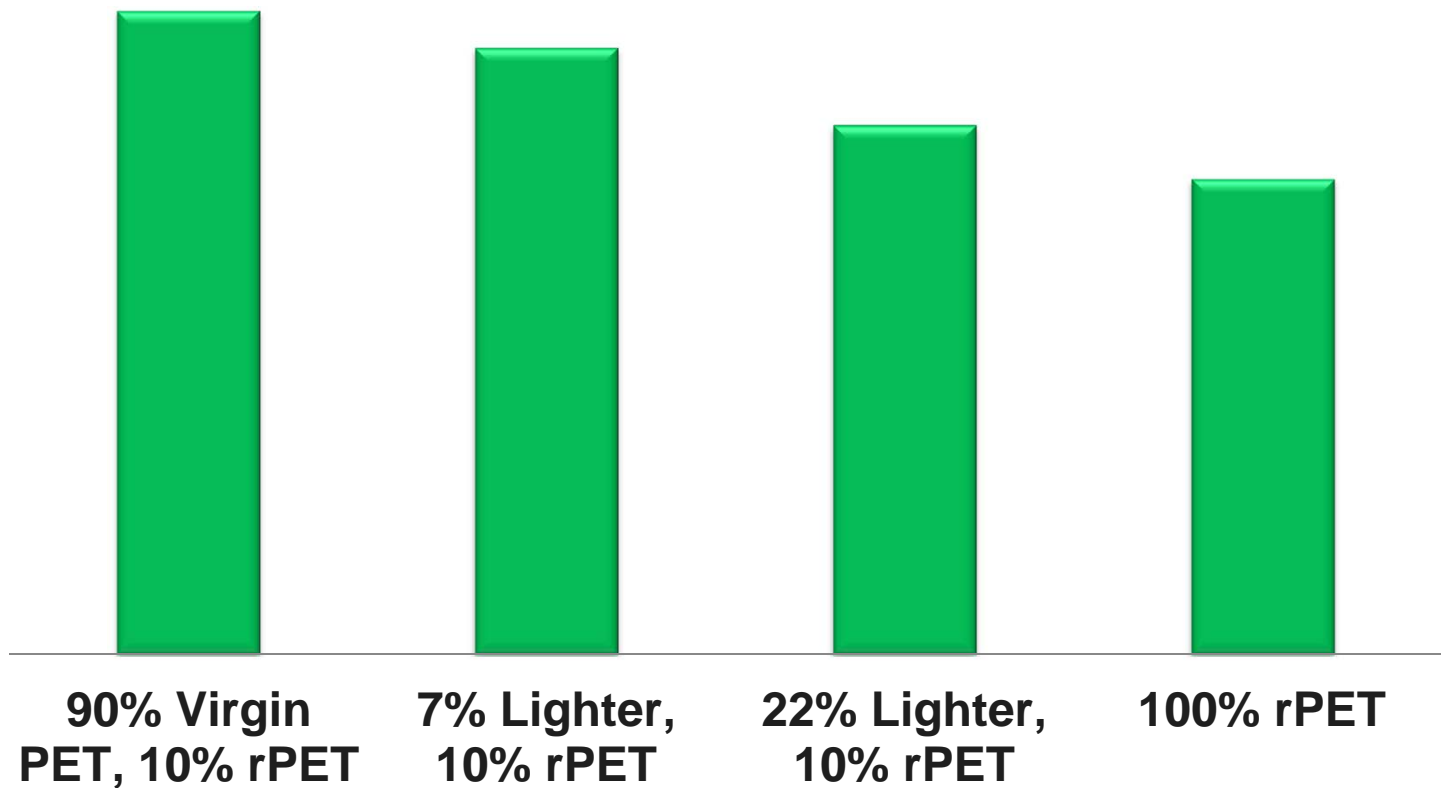
Beverage Packaging Barrier Opportunities



Beverage Packaging Environmental Opportunities



■ GHG /kg CO2 eq/1000 liters



Cut-off recycling allocation method, PET bottle weight 21.5g, PP cap 2.7 g, OPP label 0.4g
PepsiCo Peer Reviewed LCA in partnership with Franklin Associates, A Division of ERG



Thank you