

JOINT EVENT ON

# 5<sup>th</sup> International Conference on Bioplastics and 6<sup>th</sup> World Congress on Biopolymers

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## Creating sustainability through Green PE

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This lecture intends to introduce Braskem's sugar cane based polyethylene. Polyethylene derived from sugarcane based ethanol, produced in the center south region of Brazil, has a negative carbon footprint, meaning that from cradle to factory gate, the bio-based PE captures more carbon from the atmosphere than its production chain releases. The development of a traditional polymer that is recyclable and from renewable resources represents a step forward towards a low carbon circular economy. Furthermore, other important aspects such as sustainable sourcing, land use issues and examples of companies already adopting renewable and recycled PE will be shown.

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