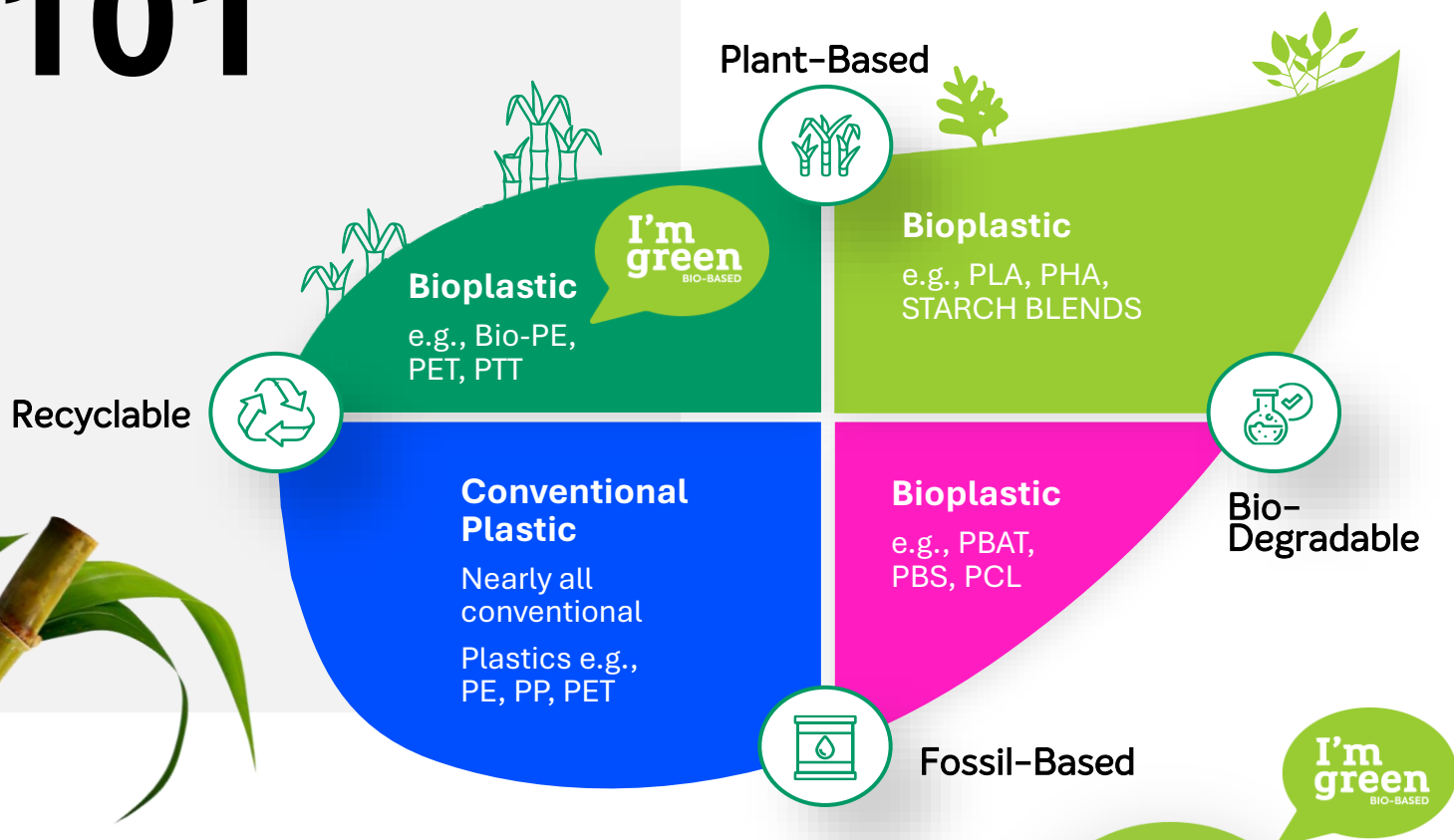
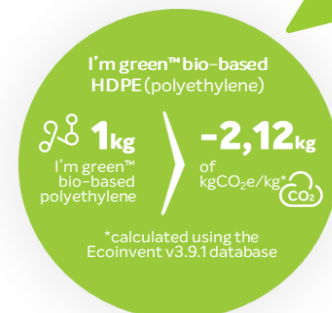


# Bioplastics 101



Bioplastic refers to materials that are either **biodegradable, plant-based** (derived from renewable sources like sugarcane), or both. **Comparable to conventional plastics, they often offer further advantages, such as a reduced carbon footprint with I'm green™ bio-based.**

Recycling **keeps carbon within a closed loop**, embodied in the material until its end of life (EoL). Drop-in solutions such as **I'm green™ bio-based PE** can be mechanically **recycled in existing recycling streams**. In contrast, biodegradable plastics are broken down under **certain environmental conditions**, releasing carbon back into the ecosystem as CO<sub>2</sub>. Eventually, bioplastics too will degrade, but this process takes much longer.



Source: <https://www.european-bioplastics.org/bioplastics/materials/>

## It's like traditional plastic, but made from plants

**Choose plant-based plastic.**  
**The small change with a big impact.**

**I'm green**  
BIO-BASED

LIKE TRADITIONAL PLASTIC  
BUT MADE FROM PLANTS

Get in touch!

