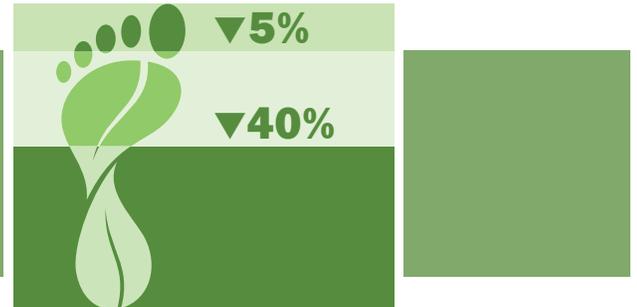


Replacing fossil-based plastics with **NuPlastiQ**<sup>®</sup> BioPolymer can significantly **reduce your carbon footprint**, a leading cause of global climate change.

**NuPlastiQ** can reduce your resin-related carbon footprint by 5-40% **TODAY!**  
No investment needed.



Blending **NuPlastiQ** BioPolymer with legacy, fossil-based plastics will dramatically reduce carbon dioxide (CO<sub>2</sub>) emissions:



- Approximately 1.9 kilograms (kg) of CO<sub>2</sub> equivalents are emitted for every kg of polyethylene resin (LDPE) produced. (Source: Plastics Europe, <https://www.plasticseurope.org/en/resources/eco-profiles>)
- For every kilogram of **NuPlastiQ** BioPolymer resin produced, approximately 0.2 kg of CO<sub>2</sub> equivalents are removed from the atmosphere. (Source: Interim cradle to gate results of LCA study carried out by thinkstep, Inc.)
- Thus, as resins are shipped from factories' gates, there is an approximate 2 kg reduction in CO<sub>2</sub> equivalents for every kg of polyethylene that is replaced with **NuPlastiQ** BioPolymer.
- Replacing 25% of the 56 million metric tons of polyethylene\* used annually in plastic films would result in a reduction of 28 Million Metric Tons of CO<sub>2</sub> equivalents.



**This is the same effect as taking over 5 million cars off the road!\*\***

\* Based on data supplied by **Fredonia Group** and **Essential Chemical Industry.org**

\*\* Calculated using the EPA's "**Greenhouse Gas Equivalencies Calculator**"