Plastic Omnium unveils a new generation of wheelie bins at the Pollutec trade fair

Lighter, stronger, greener and quieter, the new 180-liter wheelie bin will be presented by Plastic Omnium at the next Pollutec trade fair (Lyon, 2-5 December). This innovative bin meets the concerns of citizens and local authorities by reducing noise pollution and respecting the environment.

This wheelie bin, boasting a new design, is equipped with a lighter lid attached to axles and is therefore quieter when closed. It also has wheels made of rubber powder from recycled tyres which are more flexible and offer better vibration absorption. Lastly, the rolling noise is also reduced thanks to more shock-absorbing bindings.

Together, all these technical developments lead to a strong reduction in the noise produced when moving and handling the bins upon waste collection.

This new bin, developed at the Σ-Sigmatech Research and Development center in the Lyon suburbs, illustrates the Plastic Omnium group's determination to build its development on an innovative product and services range. Indeed, 5% of the group's revenue is invested every year to that end.

Find Plastic Omnium at the Pollutec trade fair held from 2 to 5 December in Lyon, Stand No. 292 - Hall 4, Aisle H
New Plastic Omnium Wheelie Bin
Four innovations to enhance citizens’ comfort

- New designed lid: lighter and easier to handle
- Innovative axles slowing down the fall of the lid, thus reducing the noise
- Optimized wheel axis: improved absorption of shocks and noise when rolling
- Wheels in recycled tyres, improving their flexibility and reducing noise

Noise perception:

- Regular Bin ~94 dB
- Plastic Omnium Bin: 77 dB