



## ...Plus Large Environmental Benefits



### Lower Emissions in the Takeoff Queue

Per flight fuel savings for a 5-minute queue assumes dual-engine @ 2.9 gal/minute	14.5 gal
Annual fuel savings, one plane 4.5 turns/day @ 360 days	23,500 gal
Annual CO <sub>2</sub> reduction for 1,050 aircraft: @ 9.6 kg CO <sub>2</sub> /gal Jet A; 1,050 = current WheelTug LOIs with airlines	<b>236,000 tonnes</b>
Annual CO <sub>2</sub> reduction for 14,000 aircraft: hypothetical expansion across the industry – B737 / A320 only	<b>3.15M tonnes</b>

One B737/A320 generates the same CO<sub>2</sub> (and NO<sub>x</sub>) as 48 cars.\*  
Deploying WheelTug *just among those airlines that have already signed LOIs* will be the equivalent of removing 50,000 cars from the road for the entire year, every year.

**Adoption of WheelTug industry-wide would offer the equivalent of taking 670,000 million cars off the road annually.**

\* <https://www.epa.gov/greenvehicles/greenhouse-gas-emissions-typical-passenger-vehicle>