25% less CO_2 compared to pure fossil fuels: Aral pilots two new lower carbon fuels in Germany

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- Aral pilots two new fuels that reduce CO_2 emissions by at least 25% compared to pure fossil fuels* – Aral Futura Super 95 and Aral Futura Diesel
- Both fuels contain at least 30% of high-quality renewable components, including a significant share of advanced renewable components**
- Both Futura fuels are publicly available for customers at one Aral station in Berlin and one in Düsseldorf, as of today
- State Secretary Luksic and Aral CEO Wendeler today refuel the first vehicle in Berlin at Holzmarktstraße

Aral is piloting two new fuels – Aral Futura Super 95 and Aral Futura Diesel. Both fuels reduce CO_2 emissions compared to pure fossil fuels by at least 25%* and contain at least 30% of high-quality renewable components, including a significant share of advanced renewable components**. They are now publicly available for customers at one Aral station in Berlin and one in Düsseldorf. The first official fill of a passenger car happened today at the Berlin Holzmarktstraße site in the presence of Oliver Luksic, Parliamentary State Secretary of the Federal Department for Digital Affairs and Transport.

Patrick Wendeler, CEO of Aral AG, said: "We believe that petrol and diesel fuels that save CO_2 emissions can play an important role in the energy transition of transport – even as it continues to broader vehicle electrification and the diversification of drives such as bio-LNG, bio-CNG and hydrogen in heavy-duty transport. With our new fuels, we demonstrate what is already possible within the existing fuels standards today."

“Advanced biofuels are an important technology for reducing greenhouse gases in road transport. In parallel with the ramp-up of e-mobility, they are an effective lever for significantly reducing CO_2 emissions in existing internal combustion engine (ICE) vehicles. We very much welcome the fact that Aral is offering a standard-compliant fuel with a high share of renewable components," said Oliver Luksic, Parliamentary State Secretary to the Federal Minister for Digital Affairs and Transport.

According to Statistisches Bundesamt, the transport sector is currently estimated to account for more than 25% of all CO_2 emissions in the European Union. Reducing its emissions is essential to help reach the country’s targets of reducing greenhouse gas emissions – that include CO_2 – by 65% (compared to 1990) by 2030. It is predicted that two thirds of transportation will remain ICE powered in

2030, so reducing carbon emissions from fuel is key. The obligation for distributors of petrol and diesel fuels to reduce greenhouse gas emissions increases continuously to 25% in 2030. One option for meeting the obligation to reduce greenhouse gas emissions is blending biofuels into fossil fuels.

Aral Futura fuels demonstrate that a CO_2 reduction of at least 25% compared to pure fossil fuels is technically possible by blending in renewable components and still meets the current standards DIN EN 590 (diesel) and DIN EN 228 (petrol)*. Existing vehicles can make its contribution to achieving the climate targets – today as well as in 2030 – through the fuel itself. Aral Futura fuels offer customers driving a vehicle with an internal combustion engine (conventional or hybrid) an option beyond current E10 petrol or B7 diesel fuel to play a part in contributing to the energy transition today – without any modification to their vehicle, provided it can run on E10 or B7 fuel.

Aral Futura fuels also contain the proven Aral Anti-Schmutz-Formel, the engine cleaning effect of which is certified by TÜV-Rheinland. It cleans away existing dirt from critical engine parts and protects against its build-up, contributing to the care of the engine.

Besides the growth of lower carbon fuels for existing ICE vehicles, Aral has set itself the goal to grow an infrastructure that supports decarbonization of transport, e. g. through EV chargers, bio-LNG/bio-CNG, and hydrogen. With 1,000 charging points, Aral already runs Germany's largest publicly accessible ultra-fast charging network today – Aral pulse – providing fast, reliable charging infrastructure in convenient locations.

**From production to end use by the customer ('Well-to-Wheel'), the CO_2 reductions for Aral Futura Diesel and Aral Futura Super 95 are calculated according to 38th BImSchV using 95.1 gCO_2e/MJ and 93.3 gCO_2e/MJ as the CO_2e values for 100% fossil diesel and gasoline, respectively.*

*** This refers to advanced biofuels according to RED II Annex IX Part A.*

Notes to editors

About Aral

With around 2,400 retail sites, Aral is No.1 in Germany, the most important European retail site market. The quality supplier of fuels and lubricants has been based in Bochum since 1898 and invented the world's first super fuel in 1924, composed of aromatics and aliphatics - hence the company name "Aral". Aral has been bp's German retail site brand since 2002. More and more sites are being equipped with REWE To Go stores, offering customers a large and high-quality range of fresh snacks and hot meals. In addition, Aral is already the largest provider of publicly accessible ultra-fast charging stations in Germany with its e-mobility brand "Aral pulse".

About bp

bp's ambition is to become a net zero company by 2050 or sooner and to help the world get to net zero. To deliver its ambition, bp's new strategy will reshape its business within a decade, pivoting from an international oil company focused on producing resources to an integrated energy company focused on delivering solutions for customers. For more information, visit www.bp.com/de.

Further information

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