

+++ Joint press release from CAC ENGINEERING and PARAFUEL

Premiere of climate-friendly hybrid classic car at the 22nd Sachsen Classic 2025

Chemnitz/Dresden, 14 August 2025 – When automotive history meets forward-looking technology, something unique is created: Under the team name "NetZero Bulli", the Chemnitz-based company CAC Engineering and PARAFUEL, founded by a German group of investors and based in Asuncion, Paraguay, will jointly participate in the 22nd Sachsen Classic from 14 to 16 August 2025. The team will be competing in a lovingly restored 1953 VW T1 Bulli – technically modernised and climate-friendly, powered by electricity and synthetic petrol.

The original powertrain in the rear with a 1.1-litre boxer engine has been supplemented by an innovative electric drive on the front axle. This makes the T1 bus the first classic car in the world to offer the best of both drive worlds – a historic combustion engine fuelled by CAC's climate-friendly synthetic petrol and a modern electric motor for efficient, sustainable mobility.

"For me, the Bulli is not just a classic car – it's a piece of emotional automotive history. Putting it on the road today with state-of-the-art, climate-friendly technology is a project close to my heart," says Volker Hartmann, driver and owner of the VW bus. "The task and challenge of the project was to implement a completely removable additional functionality while leaving both the body and the old technology untouched and fully functional. In doing so, we have created real added value for everyone and made it tangible!"

"For me, this trip is more than just a rally – it's a rolling showcase for Saxon engineering, living tradition and market-ready technologies of the future," says Stefan Lorenz, Sales Manager at CAC ENGINEERING. "We are sending a clear signal: in order to decarbonise the transport sector, we need climate-neutral synthetic fuels in addition to battery-electric drives. How else can we defossilise a global fleet of 1.2 billion vehicles with combustion engines?"

"With projects such as the NetZero Bulli, we are demonstrating that the transformation in the transport sector will not be achieved with 'either electric motor or e-fuel' discussions, but with 'both' – and that right now," emphasises Thomas Seiler, co-founder of PARAFUEL. "Green methanol and synthetic fuels are already market-ready and can make a significant contribution to reducing CO₂ emissions."

CAC contributes its engineering expertise and technology for the production of synthetic petrol. As an internationally positioned energy company, PARAFUEL is responsible for large-scale production and marketing, and its production site in Paraguay offers ideal conditions for green energy for the global market.

Both companies see synthetic fuels as an indispensable key technology for applications that rely on the high energy density of liquid fuels and fast, uncomplicated refuelling. They are also the only option in areas where economic or logistical constraints make it difficult to use alternative drive or mobility concepts.

The Sachsen Classic takes participants on a three-day, 600-kilometre journey through some of the most beautiful landscapes in Saxony, Brandenburg and the Ore Mountains. The route includes stops in Dresden, Meissen, Lausitzring and, on 16 August 2025, in the cultural capital of Chemnitz, before finishing on the banks of the Elbe in Dresden.

Background information on synthetic petrol

E-fuels are fuels that are not produced from petroleum, but from electricity generated from renewable energy, water and carbon dioxide (CO₂). CAC (MethaFuel®) technology guarantees petrol that meets the standard for marketable fuels (DIN EN 228). It can be mixed with fossil petrol or replace it completely, while the existing filling station infrastructure can continue to be used. The only and significant difference for the driver is that they are driving in an environmentally friendly way.

Tests on engine and test benches, in fleet trials and in motorsport confirm its practical suitability. Since the middle of this year, the fuel has been available to everyone at the Classic petrol station in Kirchweyhe (Lower Saxony). This technology is at the heart of the first commercial production plant for synthetic petrol currently in preparation in Germany – and is unique in Europe as things stand.

Note to the press

Relevant images and the press release can be downloaded here: <https://storage.cac-chem.de/s/SnECfkfQArztytN>

Caption:



Image 1



Image 2



Image 3

Image 4

1. The world's first classic car, a 1953 VW Bulli T1, which can be powered by electricity as a BEV and plug-in hybrid, as well as synthetic petrol. Under the team name "NetZero Bulli", the Chemnitz-based company CAC Engineering and PARAFUEL will be participating together in the 22nd Sachsen Classic from 14 to 16 August 2025. ©Volker Hartmann
2. The world's first classic car, a 1953 VW Bulli T1, which can be powered by electricity as a BEV and plug-in hybrid, as well as synthetic petrol. Under the team name "NetZero Bulli", the Chemnitz-

based company CAC Engineering and PARAFUEL will be participating together in the 22nd Sachsen Classic from 14 to 16 August 2025. ©Dino Eisele

3. The command centre – to functionally connect the over 70-year-old mechanics with the modern electric drive, a completely new control unit had to be developed and integrated into the old-timer without any changes to the body, technology or controls. Under the team name "NetZero Bulli", the Chemnitz-based company CAC Engineering and PARAFUEL will be participating together in the 22nd Sachsen Classic from 14 to 16 August 2025. ©Dino Eisele
4. Image will be uploaded on 13 August 2025 (see link above) Driver and owner of the climate-neutral hybrid classic car Volker Hartmann and co-driver Stefan Lorenz from CAC ENGINEERING at the 22nd Sachsen Classic. The two engines of the NetZero Bulli are powered in a climate-friendly manner with electricity and synthetic petrol from CAC ©Laura Reinhold/CAC

About CAC ENGINEERING GMBH – Technology provider for synthetic petrol

CAC is a leading international plant engineering company in the field of process and process engineering. In the business areas of Power-to-X, chlor-alkali, hydrocarbon and chemical solutions, CAC offers the entire range of services of an engineering and plant construction company – from concept development and planning to turnkey construction and commissioning of complex plants and plant components. With around 350 employees, CAC has realised over 500 industrial plants worldwide in the past 60 years.

Since 2008, CAC has been successfully applying its own technologies and expertise to sustainable power-to-X solutions.

About PARAFUEL – Green methanol for a sustainable future

PARAFUEL is an international energy company based in Paraguay that is committed to the production of green methanol – a climate-friendly fuel of the next generation. Founded by Liz Pereira Colman, Michael Kühlwein and Thomas Seiler, PARAFUEL aims to produce around 40 million litres of green methanol annually from 2029, with plans to expand to over 300 million litres. The CO₂-neutral energy source is produced using renewable energy sources and makes a key contribution to the decarbonisation of the global energy sector. The first phase of the project has already begun. The project strengthens the local economy, promotes technology transfer and positions Paraguay as a future location for green energy. PARAFUEL stands for international cooperation, innovation and consistent climate protection.

Contact:

CAC ENGINEERING GMBH

Antje Wappler

Press



Tel.: +49 371 6899108

Mobile: +49 173 5883590

Email: antje.wappler@cac-chem.de

PARAFUEL SA

Thomas Seiler

Co-founder

Tel.: +43 664 1213 013

Email: t.seiler@para-fuel.com

eMoveUs GmbH

Concept and development of the NetZero Bulli

Volker Hartmann

Founder, managing director, owner and driver of the NetZero Bulli

Mobile: + 49 151 58494815

Email: volker.hartmann@emoveus.de