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Press Release

DEKRA at the E-world 2024 trade fair in Essen from February 20 to 22

Ensuring a Safe Energy Sector Transition

DEKRA will be showcasing solutions for ensuring the safe transformation of the energy sector at the E-world leading trade fair from February 20 to 22, 2024. At this event, the testing, inspection and certification organization will be focusing on topics such as a safe energy infrastructure and integrated energy systems with renewable energy sources to achieve a carbon-neutral energy sector.

It is expected that renewable energies such as wind power, solar power, biogas, and new energy storage and transport facilities for technologies ranging from electricity to hydrogen will gradually transform the energy sector. Ensuring that the plants are operated safely, cost-effectively, and uninterrupted is highly complex and critical for assuring societal acceptance and the success of this transformation process. For this purpose, DEKRA offers comprehensive expert services when it comes to all process steps: appraisals, inspections, conformity assessments, and certifications – from planning to periodic inspections.

DEKRA's appearance at the E-world trade fair will in particular focus on the hydrogen economy as well as e-mobility and charging infrastructure. Hydrogen is already being used as a raw material in many manufacturing processes and is expected to be used as a neutral energy storage solution and zero-emission fuel in the future. The green hydrogen economy integrates renewable energies such as solar and wind energy into those sectors which consume energy – mobility, industry, and building heating.

DEKRA uses its comprehensive services in the fields of process reliability as well as operational and environmental safety to support hydrogen technology developers, manufacturers, operators, and users such as those in the industry and trade fields. For example, only recently DEKRA became one of the first testing organizations in Germany to receive official approval for all key testing services relating to hydrogen refueling stations (HRSs). The DEKRA experts can certify the conformity of plants for operators according to the applicable safety standards and the quality of the hydrogen on offer there (accredited inspection body (ZÜS) checks in accordance with German industrial safety regulations (BetrSichV), including pressure vessels and explosion protection, HRS conformity tests in accordance with DIN EN 19880 1c, test certificate).

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DEKRA at the E-world 2024, Essen

February 20 to 22, 2024

Hall 5, Booth G5136

About DEKRA

DEKRA was originally founded in 1925 to ensure road safety through vehicle inspection. With a much wider scope today, DEKRA is the world's largest independent non-listed expert organization in the testing, inspection, and certification sector. As a global provider of comprehensive services and solutions, we help our customers improve their safety, security, and sustainability outcomes. In 2022, DEKRA generated sales totaling nearly EUR 3.8 billion. The company currently employs almost 50,000 people who offer qualified and independent expert services in approximately 60 countries on five continents. With a platinum rating from EcoVadis, DEKRA is now in the top one percent of sustainable businesses ranked.