Successful era

From pioneer to two-time champion – Team Audi Sport ABT Schaeffler has shaped the first four seasons of the ABB FIA Formula E Championship electric racing series.

Schaeffler’s commitment in Formula E +++ From the inaugural race to the teams’ title win – the first four Formula E seasons +++ Lucas di Grassi and Daniel Abt – the success drivers +++ This is what Formula E’s future looks like +++ Formula E, DTM, 4ePerformance – technology transfer while pushing the envelope +++ Facts and figures, contact details
Editorial

45 races at 19 different locations on five continents. Triumphs, tears, emotions – the first Formula E era played its final chord in New York City in 2018. In four seasons, we saw electrifying asphalt action of the highest caliber. At Schaeffler, we never had any doubts about the breakthrough of the series and have been on board as the exclusive technology partner of Team Audi Sport ABT Schaeffler from day one.

Formula E’s success formula includes several factors: fully electric racing on spectacular city circuits in the world’s biggest metropolises, a tight event schedule – and all this under the banner of eco-friendliness and sustainability. This meets with positive response – not only by the fans but by the participating teams as well because electric mobility has long ceased to be exclusively in vogue but, above all, become a vital element of the best path toward mobility for tomorrow.

Our assessment in terms of race results is more than positive because we’ve by far clinched the largest number of podium finishes of all teams. Among the many highlights there are three I’d like to particularly mention: Lucas di Grassi’s 2016/2017 title win, our one-two result in our home round in Berlin in 2017/2018 with Daniel Abt in front and the teams’ title win the same season. Where an era ends another one begins. I already look forward to the coming seasons with new manufacturers, new locations and the even more efficient and powerful second race car generation. We at Schaeffler will definitely be on the grid again.

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“Schaeffler confirms its expertise in Formula E as an electric mobility pioneer, emotionalizing fans and employees alike”

Professor Peter Gutzmer, PhD
Deputy CEO and
Chief Technology Officer of Schaeffler AG

“Formula E is a suitable environment for our company to shape mobility for tomorrow. We are proud of the fact that from the very beginning we’ve been co-creators of this visionary concept”

Georg F. W. Schaeffler
Chairman of the Supervisory Board of Schaeffler AG and
Shareholder of the Schaeffler Group

A strict Technical Roadmap, diverse venues around the globe and notable teams and drivers have been ensuring spectacular events in Formula E right from the beginning. Always among the front runners: Team ABT Schaeffler and, as of season four respectively, Audi Sport ABT Schaeffler.

The future

In the coming years, the Technical Roadmap provides for some adjustments to make Formula E even more attractive. Starting next season, 2018/2019, an all-new vehicle generation, the so-called Gen-2 car, will be fielded. In addition to a complete visual makeover, the Formula E race car will above all set new technology milestones: The available energy amount of the lithium-ion battery will increase from the current to 28 to 54 kilowatt hours, which is sufficient for a full racing distance, omitting the previous vehicle change. The maximum power output will increase from 200 to 250 kilowatts. Following DS, Renault, Mahindra, Jaguar and NIO, other notable manufacturers – BMW (2018/2019), Porsche and Mercedes-Benz (both 2019/2020) – are entering Formula E.
In Formula E, Schaeffler as a pioneer has been demonstrating its expertise in all-electric powertrains from day one. Since season two, comprehensive Schaeffler technology has been installed in the team’s race cars.

Developing technology, fielding it in competition and using both as a vehicle to familiarize people with it – this is the idea behind Schaeffler’s motorsport commitment. On the race track, components and systems are put through their paces. The resulting findings are fed into research and development for production. The successes achieved radiate both externally and internally.

In the popular DTM touring car series, high-tech race cars using IC engines are pitted against each other. The optimization of this technology is important for sustainable mobility of tomorrow as well. In 2011 and 2013, the DTM Champion was driving a Schaeffler Audi.

The future: The Gen-2 car in the 2018/2019 season marks the beginning of Formula E’s second era. The powertrain of Audi Sport ABT Schaeffler’s car continues to use know-how from Schaeffler.

SCHAEFFLER Motorsport World

Schaeffler Audi RS 5 DTM

Audi e-tron FE04

In Formula E, Schaeffler can now also be seen as an engine supplier. The 6-cylinder engine can offer a synergistic effect. The optimization of this technology is important for sustainable mobility of tomorrow as well.

In 2011 and 2013, the DTM Champion was driving a Schaeffler Audi.

The concept vehicle is a spectacular technology showpiece from Schaeffler. The 4eP draws its output of 1,200 horsepower from four original Formula E motors of the ABT Schaeffler FE01.

Schaeffler 4ePerformance

Audi e-tron FE05

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Audi Sport ABT Schaeffler
Four seasons in Formula E

1 drivers’ title
10 victories

1 teams’ title
19 cities

5 continents
45 races

5 pole positions
8 podiums in one season

3,288 race laps
390 laps led

898 points
21 races led

7,713 race kilometers

45 #FanBoosts

Best of all teams

Schaeffler

Audi Sport

Team ABT

FIA Formula E

Video
The green wall

Video
Racing for a reason

* Best of all teams