BASIC PRESS INFORMATION

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Audi at the Ingolstadt Site

Audi has been building cars at the Ingolstadt site for more than 70 years. This is where AUDI AG has its headquarters and where 44,458 employees (as of December 31, 2019) work to achieve “Vorsprung durch Technik.” From initial idea to finished automobile, the entire production process for the Audi Q2, Audi A3, Audi A4, and Audi A5 models along with their derivatives takes place at the Ingolstadt plant. The Audi Ingolstadt site continues to develop into a networked digital factory. Modern production systems and high-tech solutions enable highly efficient, sustainable manufacturing. Step by step, the plant is getting ready for electric mobility, with measures to increase flexibility laying the foundation for the models of the future.

The largest production site of the Audi Group is the economic engine of the region and in its function as the primary plant and high-tech location, it combines five sites into a think tank:

- Audi plant Ingolstadt (headquarters including Technical Development)
- Manufacturing Münchsmünster (module/system production and press shop)
- High-tech area Audi Neuburg (Competence Center Motorsport/Audi Sport, Audi Sport customer racing, and Audi driving experience)
- Proving Grounds Neustadt an der Donau
- Future IN-Campus technology park

With about 400,000 visitors per year, the Audi Forum Ingolstadt is a popular attraction for people in the region and visitors from all over the world, as well as for people picking up their new cars.

- It combines production, tradition, shopping, a cinema, dining facilities, driving enjoyment, exhibitions, and conference rooms in a single location.
- Cultural events such as concerts ranging from jazz to classical, art exhibitions, factory tours, and the Audi museum mobile round off the range of experiences for the whole family.
- Kids and teens get a look at the world of topics at Audi, with exciting activity modules and multimedia quizzes. At the Customer Center, Audi delivers cars to their new owners every day.

IN-Campus technology park: Audi is building for the future. IN-Campus GmbH, a joint venture between the city of Ingolstadt and AUDI AG, is investing in a campus with a focus on the technologies of the future. The IN-Campus is being built on a 75-hectare remediated area near
the main plant in Ingolstadt. The cooperation between the public sector and a private company on the IN-Campus project is an exemplary story of transformation.

- The city of Ingolstadt and Audi are using cutting-edge technology to revitalize an industrial wasteland, a former refinery site, without sealing additional areas.
- This remediation project is one of the biggest in Germany and unprecedented as an environmental project in Bavaria.
- The remediation work is on schedule, with around 70 percent completed, and is expected to be finished in December 2022.
- Meanwhile, the construction activities on the IN-Campus site are well underway and also going according to plan. The project house, IT center, and power station are under construction, while the building operations for the vehicle safety center, which includes a crash arena, will start in the summer of 2020.

**Smart city and a train stop:** Audi is planning for the future and has joined hands with the city of Ingolstadt in an effort to search for solutions to reduce the burden of traffic on the Ingolstadt region. One concrete example of this is the Audi traffic light information service, which contributes to improving the flow of traffic. As part of its close partnership with Audi, the city of Ingolstadt invested in digital traffic infrastructure, making Ingolstadt the first city in Europe where production models were connected with the traffic lights. With the “Ingolstadt Audi” train stop that opened in December 2019, there is now a third public train station in Ingolstadt that is located right by the plant premises. The joint project of the four partners (the state of Bavaria, the city of Ingolstadt, Deutsche Bahn, and AUDI AG) is designed to improve mobility options in the long term. Audi employees from the surrounding area can get to work in an environmentally friendly way and without getting stuck in traffic or having to search for a parking spot.
Modern Working Worlds

Attractive employer:

- Audi offers a modern working environment, space for innovation, and diverse possibilities for individual development with a high level of job security.
- The employees are actively involved in shaping future topics such as electric mobility and digitalization.
- The corporate values of appreciation, openness, trust, and integrity are a mainstay of the company’s culture.
- Several recent rankings, such as the surveys carried out by trendence and Universum, document the high attractiveness of AUDI AG as an employer.

International team and top-of-the-line training and development:

- The Audi Group has 90,640 employees worldwide (as of December 31, 2019), of whom 61,393 work in Germany. AUDI AG employees come from around 100 countries.
- Roughly 44,458 employees (as of December 31, 2019) work at the Ingolstadt site, of whom roughly 1,700 are apprentices and around 100 are enrolled in degree/apprenticeship programs.
- The Audi Akademie stands for practice-oriented training and development. Qualification and competence development are very important at Audi and help to get the employees ready for the transformation.

Time for career and family: Audi helps its employees to combine their career and family life in the different phases of life.

- Individually flexible working hours models allow employees to make use of the possibility of location-independent mobile work or take a sabbatical.
- Audi offers various childcare concepts and nursing care offers for relatives.
Key Cornerstones at the Site

The AUDI AG plant in Ingolstadt covers the entire process of automobile production, from development to the finished automobile. Cornerstones at the site are Technical Development, Production, Logistics, Quality Assurance, and Environmental Protection.

- **Technical Development**

  The Technical Development (TE) division of AUDI AG has its headquarters in Ingolstadt. True to the brand claim “Vorsprung durch Technik,” around 9,900 employees work here on innovations for the automobiles of tomorrow. The designers, engineers, and technicians in TE design the entire product creation process – from design, new vehicle concepts, the development of engines and transmissions, the electrification of the powertrain, as well as electrical and electronic development, all the way to the development of car bodies and suspensions. Interdepartmental collaboration enables customer-focused solutions for strategic fields of innovation, such as digitalization, sustainable drive types, and premium mobility experiences.

  - **Connected cooperation thanks to “simultaneous engineering:”**
    
    The length of the development cycles of new models is further reduced thanks to integrated and simultaneous product and process design.

  - **The Design Center is a digital design factory.** Audi has developed a new, innovative design process that combines the advantages of cutting-edge 3D visualization with the strengths of traditional handcrafted modeling. About 600 employees work in an area of approximately 37,180 square meters (400,202.2 sq ft).

  - **The Engine Center** contains various testing facilities and special measuring technologies. All the drive types are developed and tested here.

  - **Powered up at the Electronics Center:** All electrical devices, cables, sensors, and control units are subjected to comprehensive tests at an early stage here in what is known as a breadboard arrangement in order to make digitalization in the vehicle a reality.

  - **Design check for the virtual Audi:** In the virtual reality (VR) studio, developers analyze realistic vehicle models that are true to detail before they are made.

  - **The light assist center** is a 120-meter (393.7 ft) long light tunnel through which cars can drive. This is where Audi’s pioneering lighting technology is created – from the xenon plus headlights and matrix LED headlights all the way to laser light.
- **Wind-resistant at the wind tunnel center** with the aeroacoustics, thermal, and climate wind tunnels. Experts work on optimal aerodynamics at speeds of up to 300 kilometers per hour *(186.4 mph)*.

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**Production and Logistics**

Efficient production systems and the use of new high-tech solutions are the basis for the future vision of fully connected, digitalized production.

- Audi is synonymous with the highest quality standards, including in times of change as it transforms into a mobility provider.
- With a clear target vision in sight, the company gears the production and logistics processes strategically to future requirements.
- Its priority is people: Context-sensitive assist systems support people efficiently, including through new forms of human-machine interaction. They ease the strain on resources, while boosting process reliability and ergonomics at the workplace.
- Audi Production is gearing up gradually for electric mobility.
- Measures to increase flexibility lay the foundation for future models, helping electric mobility and key technologies to be implemented even faster in future as a result.

- **Logistics** at Audi ensures that vehicle production and market supply are punctual, flexible, and efficient. The variety of models at the plants can be achieved only by mastering the complexity; the smart factory principles are firmly integrated into the logistics processes.
- **Just-in-sequence delivery to the GVZ Logistics Center:** Modern logistics is characterized by a fast, effective information flow and short transport distances. This is guaranteed by the fact that the Logistics Center is located right next to the Audi plant premises. The advantages include supply reliability, the ability to master complexity, and the reduction of logistics costs.
Corporate Quality

Precision and robustness of complex vehicle functions as well as the perfection of materials, workmanship, and impression are the core of Audi’s traditional promise of quality.

- In the era of digital, connected, and sustainable mobility, Audi Corporate Quality is in charge of ensuring quality at the company.
- Taking a step beyond conventional quality assurance, the team is responsible for anchoring quality in products, processes, and services – and doing so consistently.
- The quality management system and consumer protection provide binding standards. This allows quality to be managed in a central and process-oriented way.
- Further responsibilities with a managing function arise from corporate programs such as automotive security, or function orientation and systems engineering.
- This way, quality remains a fixed and consistent part of Audi’s DNA even in times of fundamental change.

Environmental Protection

Audi environmental program “Mission:Zero” encourages more environmental protection

Mission:Zero is the Audi environmental program for consistently sustainable production. All activities and measures for reducing the ecological footprint at the Audi sites worldwide, in Production and Logistics are bundled here. The focus is on Audi’s key challenges of decarbonization, water use, resource efficiency, and biodiversity. One of the key objectives is to achieve CO₂-neutral production locations by 2025.

Mission:Zero at the Ingolstadt site – examples of measures:

- On the way to a CO₂-neutral location: Audi started producing cars in Ingolstadt using only green electricity in early 2012. In addition, photovoltaic modules have been installed on an area of approximately 23,000 square meters (247,569.9 sq ft). Nearby industrial facilities supply the location with low-carbon waste heat, for example from a neighboring refinery and the municipal waste recycling plant. Thanks to its energy management, the location was also able to save just under 26,800 megawatt hours of energy and avoid over 2,000 metric tons of CO₂ emissions in 2019.
Audi is also focusing on the consistent reduction of emissions outside the plant gates: Since 2017, the company has been operating CO₂-free rail logistics in Germany with DB Cargo. The “green train” has already been traveling from Ingolstadt to the port of loading in Emden on the North Sea since 2010, making Audi the first company to use trains that run on green power. In addition, two modern plug-in hybrid locomotives are used at the Ingolstadt site for shunting work.

- **Water use:** Audi commissioned a new process water supply center with a membrane bioreactor in Ingolstadt in 2019 in an effort to use water with even greater efficiency. Wastewater is converted into high-quality process water by passing through three treatment stages, thereby reducing the need of fresh water in production by up to a third.

- **Resource efficiency:** Audi has been operating a highly environmentally compatible paint shop in Ingolstadt since 2016. Air circulation, dry separation of the paint particles, and exhaust air treatment result in significant reductions in thermal energy and water consumption as well as CO₂ emissions as compared to conventional systems. Emissions of volatile organic compounds (VOC) are reduced by over 90 percent.

- **Land recycling:** IN-Campus GmbH, a joint venture between the city of Ingolstadt and AUDI AG, is remediating a 75-hectare area of industrial wasteland in the east of Ingolstadt, thus creating the conditions for a technology park by the end of 2022 without consuming new land. It is one of the largest remediation projects currently underway in Germany. 15 hectares of the total area have been designated as compensation area for nature and landscape.

- **Biodiversity:** As a member of the “Biodiversity in Good Company” initiative, Audi is involved in protecting biological diversity with projects at all Audi locations. The open spaces at the external site in Münchsmünster, which are designed to remain close to their natural form, are the largest measure currently underway. A habitat for numerous animal and plant species has been created on around 17 hectares of plant premises.
Social Commitment

The principle of putting responsibility into practice is firmly anchored in the Audi strategy. As the largest employer in the Ingolstadt region, Audi aims to enhance the quality of life here and therefore regularly collaborates with the city, local companies, associations, and educational and social institutions.

- **“Audi volunteers:”** Audi bundles community service activities and supports the volunteer efforts of its employees under this motto.
- **Focus on education and research:** Audi is involved in projects in Ingolstadt and the surrounding area, for example through academic cooperations, the public series of lectures on “Wissenschaft im Dialog” (scientists in dialog), and programs for pupils (Jugend forscht [German youth science competition], Girls’ Day, Mädchen-für-Technik-Camp [girls for technology camp]).
- **Shaping mobility:** Audi is working with the Ingolstadt public transit company (INVG) and Deutsche Bahn, among others, to reduce traffic around the site. The people living in the region also benefit from the expansion of the bus network and the new train stop “Ingolstadt Audi” right by the plant premises.
- **The Audi experience in sports:** On a regional level, Audi is active as a reliable sports sponsor. Audi is the partner of ice hockey club ERC Ingolstadt and FC Ingolstadt 04. Audi attaches particular value to promoting youths and young talents (Audi Schanzer Football Academy and Audi Sportakademie). Audi also supports many other regional clubs and sporting events, for example the Ingolstadt half marathon and triathlon.
- **The Audi experience in culture:** Audi has been sponsoring cultural activities for more than 50 years. The Audi Philharmonic Wind Orchestra, a factory orchestra that arose from an employee initiative, was the starting point for the company’s cultural involvement. The company now bundles a diverse cultural program under the term Audi ArtExperience. Concert highlights in the region include the Audi Summer Concerts or performances by the Audi Young Persons’ Choral Academy. Audi is also a sponsor of the Stiftung für Konkrete Kunst und Design (foundation for concrete art and design) in Ingolstadt.
History of the Site

The heart of the Audi Group beats at the Ingolstadt site. The founding of Auto Union GmbH in Ingolstadt more than 70 years ago started a new chapter in the history of the automobile manufacturer, which was previously based in Germany’s federal state of Saxony. In buildings of the former Ingolstadt Fort, the company began producing spare parts, motorcycles, and DKW vehicles.

1945    Founding of “Zentraldepot für Auto Union Ersatzteile Ingolstadt GmbH” in Ingolstadt, at Schrannenstraße 3, on December 3
1946    Start of spare parts production
1948    Removal of the “old” Auto Union from commercial register in Chemnitz in August; start of development of a delivery truck in Ingolstadt
1949    Founding of Auto Union GmbH as a production company on September 3 in Ingolstadt,
Start of production of the DKW Schnelllaster van and DKW RT 125 W motorcycle
1954    Inauguration of the new motorcycle plant in Ingolstadt
1958    On April 24, acquisition of majority share in Auto Union by Daimler-Benz AG; wholly owned subsidiary through end of 1964
Cornerstone laid for new automobile factory in Ingolstadt; end of motorcycle production
1959    First DKW Junior from the new plant in Ingolstadt
1962    In June 1962, sale of facilities in Düsseldorf to Daimler-Benz AG; vehicle production primarily in Ingolstadt
1964    Acquisition of majority share in Auto Union by Volkswagenwerk AG (wholly owned VW subsidiary since late 1966)
1965    The first post-war Audi built in Ingolstadt; successive discontinuation of production of DKW models
1969    Merger of Auto Union GmbH and NSU Motorenwerke AG:
Audi NSU Auto Union AG, headquartered in Neckarsulm
1980    Start of production of the Audi quattro in Ingolstadt
1985    Company renamed AUDI AG with headquarters in Ingolstadt, product and company have borne the same name ever since
2009    Centenary of the Audi brand. 60th anniversary of the site in Ingolstadt
2013  Opening of the manufacturing site in Münchsmünster (module and system production and Münchsmünster press shop) near Ingolstadt
2014  Opening of Audi Neuburg: Audi driving experience and Competence Center Motorsport/Audi Sport, Audi Sport customer racing.
2015  Opening of Audi Akademie in downtown Ingolstadt
       Land acquired for future IN-Campus technology park
2016  New top coat paint shop
       Complex office compound H6

- New Design Center
- New production and logistics hall at the Logistics Center in Ingolstadt

- Remediation of IN-Campus premises

- Foundation stone laid for IN-Campus technology park
- Opening of “Ingolstadt Audi” train stop
Facts and Figures

AUDI AG

Chairman of the Board of Management: Abraham Schot
Chairman of the Supervisory Board: Herbert Diess
Employees (AUDI AG): 61,393
Employees (Audi Group): 90,640
Deliveries to customers: 1,845,573 automobiles of the Audi brand
Production: 1,802,073 automobiles
(including Lamborghini and CKD)

(all data as of December 31, 2019)

The Audi site in Ingolstadt

Established: 1949
Plant director: Achim Heinfling
Area: 2,737,500 m² (29,466,205 sq ft)
Employees: 44,458
Models*: Audi Q2, Audi SQ2
(data as of March 19, 2020)
Audi A3 Sportback, Audi A3 Sportback e-tron,
Audi A3 Sportback g-tron, Audi S3 Sportback,
Audi RS 3 Sportback,
Audi A4 Sedan, Audi A4 Avant,
Audi A4 Avant g-tron, Audi S4 Sedan,
Audi S4 Avant, Audi A4 allroad quattro,
Audi RS4 Avant,
Audi A5 Sportback, Audi A5 Sportback g-tron,
Audi A5 Coupé, Audi S5 Sportback, Audi S5 Coupé,
Audi RS 5 Coupé, Audi RS5 Sportback

Production: 441,608 automobiles

(all data as of December 31, 2019, except data models)
Fuel Consumption of the Models Cited and Currently Available on the Market*

Fuel consumption of the Audi Q2:
Combined fuel consumption in l/100 km (US mpg): 6.7–4.4 (35.1–53.5)
Combined CO₂ emissions in g/km (g/mi): 153–115 (246.2–185.1)

Fuel consumption of the Audi SQ2:
Combined fuel consumption in l/100 km (US mpg): 7.2–7.0 (32.7–33.6)
Combined CO₂ emissions in g/km (g/mi): 163–159 (262.3–255.9)

Fuel consumption of the Audi A3 Sportback (4th generation):
Combined fuel consumption in l/100 km (US mpg): 5.1–3.5 (46.1–67.2)
Combined CO₂ emissions in g/km (g/mi): 116–92 (186.7–148.1)

Fuel consumption of the Audi A3 Sportback e-tron (3rd generation):
Combined fuel consumption in l/100 km (US mpg): 2.0–1.9 (117.6–123.8); Combined electric power consumption in kWh/100 km: 12.7–12.2
Combined CO₂ emissions in g/km (g/mi): 46–43 (74.0–69.2)

Fuel consumption of the Audi A3 Sportback g-tron (3rd generation):
CNG consumption in kg/100 km: 3.5
Combined CO₂ emissions in g/km (CNG) (g/mi): 96–95 (154.5–152.9)

Fuel consumption of the Audi S3 Sportback (3rd generation):
Combined fuel consumption in l/100 km (US mpg): 7.0–6.8 (33.6–34.6)
Combined CO₂ emissions in g/km (g/mi): 158–155 (254.3–249.4)

Fuel consumption of the Audi RS 3 Sportback (3rd generation):
Combined fuel consumption in l/100 km (US mpg): 8.5 (27.7)
Combined CO₂ emissions in g/km (g/mi): 194 (312.2)

Fuel consumption of the Audi A4 Sedan:
Combined fuel consumption in l/100 km (US mpg): 6.7–3.7 (35.1–63.6)
Combined CO₂ emissions in g/km (g/mi): 157–98 (252.7–157.7)

Fuel consumption of the Audi A4 Avant:
Combined fuel consumption in l/100 km (US mpg): 6.8–3.8 (34.6–61.9)
Combined CO₂ emissions in g/km (g/mi): 160–100 (257.5–160.9)

Fuel consumption of the Audi A4 Avant g-tron:
CNG consumption in kg/100 km: 4.1–3.9
Combined CO₂ emissions in g/km (CNG) (g/mi): 113–105 (181.9–169.0)

Fuel consumption of the Audi S4 Sedan:
Combined fuel consumption in l/100 km (US mpg): 6.1 (38.6)
Combined CO₂ emissions in g/km (g/mi): 160 (257.5)

Fuel consumption of the Audi S4 Avant:
Combined fuel consumption in l/100 km (US mpg): 6.2 (37.9)
Combined CO₂ emissions in g/km (g/mi): 163–162 (262.3–260.7)

Fuel consumption of the Audi A4 allroad quattro:
Combined fuel consumption in l/100 km (US mpg): 6.8–5.0 (34.6–47.0)
Combined CO₂ emissions in g/km (g/mi): 164–132 (263.9–212.4)

Fuel consumption of the Audi RS 4 Avant:
Combined fuel consumption in l/100 km (US mpg): 9.2 (25.6)
Combined CO₂ emissions in g/km (g/mi): 211–210 (339.6–338.0)
Fuel consumption of the Audi A5 Sportback:
Combined fuel consumption in l/100 km (US mpg): 6.8–3.7 (34.6–63.6)
Combined CO₂ emissions in g/km (g/mi): 158–98 (254.3–157.7)

Fuel consumption of the Audi A5 Sportback g-tron:
CNG consumption in kg/100 km: 4.1–3.8
Combined CO₂ emissions in g/km (CNG) (g/mi): 111–103 (178.6–165.8)

Fuel consumption of the Audi A5 Coupé:
Combined fuel consumption in l/100 km (US mpg): 6.7–3.7 (35.1–63.6)
Combined CO₂ emissions in g/km (g/mi): 158–98 (254.3–157.7)

Fuel consumption of the Audi S5 Sportback:
Combined fuel consumption in l/100 km (US mpg): 6.2–6.1 (37.9–38.6)
Combined CO₂ emissions in g/km (g/mi): 162–160 (260.7–257.5)

Fuel consumption of the Audi S5 Coupé:
Combined fuel consumption in l/100 km (US mpg): 6.2–6.1 (37.9–38.6)
Combined CO₂ emissions in g/km (g/mi): 161–160 (259.1–257.5)

Fuel consumption of the Audi RS 5 Coupé:
Combined fuel consumption in l/100 km (US mpg): 9.1 (25.8)
Combined CO₂ emissions in g/km (g/mi): 208 (334.7)

Fuel consumption of the Audi RS 5 Sportback:
Combined fuel consumption in l/100 km (US mpg): 9.2 (25.6)
Combined CO₂ emissions in g/km (g/mi): 209 (336.4)

*Information on fuel/electric power consumption and CO₂ emission figures given in ranges depend on the vehicle equipment selected and the tires/wheels installed.
The specified fuel consumption and emission data have been determined according to the measurement procedures prescribed by law. Since September 1, 2017, certain new vehicles are already being type-approved according to the Worldwide Harmonized Light Vehicles Test Procedure (WLTP), a more realistic test procedure for measuring fuel consumption and CO₂ emissions. Starting on September 1, 2018, the New European Driving Cycle (NEDC) will be replaced by the WLTP in stages. Owing to the more realistic test conditions, the fuel consumption and CO₂ emissions measured according to the WLTP will, in many cases, be higher than those measured according to the NEDC. For further information on the differences between the WLTP and NEDC, please visit www.audi.de/wltp.

We are currently still required by law to state the NEDC figures. In the case of new vehicles which have been type-approved according to the WLTP, the NEDC figures are derived from the WLTP data. It is possible to specify the WLTP figures voluntarily in addition until such time as this is required by law. In cases where the NEDC figures are specified as value ranges, these do not refer to a particular individual vehicle and do not constitute part of the sales offering. They are intended exclusively as a means of comparison between different vehicle types. Additional equipment and accessories (e.g. add-on parts, different tire formats, etc.) may change the relevant vehicle parameters, such as weight, rolling resistance and aerodynamics, and, in conjunction with weather and traffic conditions and individual driving style, may affect fuel consumption, electrical power consumption, CO₂ emissions and the performance figures for the vehicle.

Fuel consumption and CO₂ emissions figures given in ranges depend on the tires/wheels used and chosen equipment level. Further information on official fuel consumption figures and the official specific CO₂ emissions of new passenger cars can be found in the “Guide on the fuel economy, CO₂ emissions and power consumption of all new passenger car models,” which is available free of charge at all sales dealerships and from DAT Deutsche Automobil Treuhand GmbH, Hellmuth-Hirth-Str. 1, 73760 Ostfildern, Germany, or under www.dat.de