

Subaru XV and the all-new Forester confirmed as first two electrified models for Europe

- Both models feature custom-built horizontally-opposed powertrains combining motor-assist with BOXER technology and Symmetrical All-Wheel Drive.
- The all-new Forester e-BOXER features new platform, facial recognition technology, new X-Mode and reverse automatic braking.
- Other exhibits include the latest Subaru Levorg with 2.0L NA engine and the World Premiere of the VIZIV ADRENALINE concept car.

Zaventem, 5th March 2019 – Subaru Europe, the European subsidiary of Subaru Corporation, today unveiled the first electrified Subaru XV and the all-new Forester e-BOXER during the press conference at the 89th Geneva International Motor Show.

Additionally, Subaru unveiled the latest iteration of the Subaru Levorg and showed a new concept car, the VIZIV ADRENALINE.

The Subaru XV and the all-new Forester are the first two models to feature the e-BOXER, Subaru's new-generation power unit system which combines Motor Assist with two of Subaru's core technologies: BOXER engine and Symmetrical All-Wheel Drive (S-AWD). The Subaru e-BOXER features a customized Lineartronic transmission that integrates an electric motor, powered by a high performance Lithium ion battery, DC/DC Converter and Electric Motor Inverter.



■ The all-new Forester e-BOXER





Since its first launch in 1997, the Forester has been a popular choice among customers, establishing its trust as safe and reliable package. The fifth generation model commemorates Subaru's heritage and trust in a whole new offer. Built on the Subaru Global Platform (SGP), the all-new Forester offers new dynamic values that result in superior handling and stability, improved

hazard avoidance performance, more responsive steering, exceptionally low vibrations and driving comfort.

The new model preserves the distinctive combination of S-AWD with the newly adopted e-BOXER powertrain. It incorporates a direct-injection 2.0-liter horizontally opposed four-cylinder engine, featuring 80% new components, paired with an electric motor within the customized Lineartronic transmission, achieving a smoother, 30% more linear, responsive acceleration and a highly responsive torque.

The Subaru e-BOXER system adjusts the power-split ratio between the dedicated 2.0-litre direct-injection engine and the electric motor to match the driving condition, changing between 3 driving modes: Engine driving, EV driving, and Motor Assist driving.

From standstill, or at low speed, the electric motor alone powers the vehicle, for a quiet and zero-emission driving. Depending on the vehicle and battery condition, it can drive fully electric for distances ranging up to about 1.6km, and reach speeds up to 40km/h. At medium speeds, power from both the motor and the engine combine to give a responsive, linear and fuel efficient acceleration, while at high-speed the 2.0L DI BOXER powers the vehicle while recharging the battery. The e-BOXER offers improved fuel consumption in urban, stop-and-go traffic, where depending on driver's driving style, fuel consumption can be reduced by up to 11% compared to the outgoing 2.0L petrol version.

The electric motor assist and the battery pack are aligned longitudinally. The heavy motor is placed near the vehicle's center of gravity, while the battery and other components are arranged above the rear axle, realizing even lower center of gravity and a better balance front/rear vehicle weight distribution.

The standard driver-selectable SI-DRIVE, a powertrain performance management system that allows the driver to tailor the vehicle's throttle characteristics by choosing between "Intelligent" and "Sport" modes, adds more flexibility for a more convenient and enjoyable drive.

Safer than ever, the new Forester is the most technological advanced Subaru in the current European line-up, equipped with new Advanced Safety Technologies. It is available as standard with EyeSight Driver Assist Technology, and adds to its increased safety package, the Driver Monitoring System, a new facial recognition technology that alerts the driver of fatigue or distraction while on the road, as well as automatically adjusting driver settings for seat position, door mirror angles, and air-conditioning preferences. Additionally, the new model introduces the Reverse Automatic Braking, to help avoiding collisions when reversing, or reducing impact damage in case of collision.

The roomiest, most capable Forester to date, the new model features a high-quality interior, spacious passenger cabin and a versatile cargo compartment, where the compact battery minimizes impact on cabin and cargo space. The all-new Forester overall width is increased by 20 mm to provide more front seat comfort. The wheelbase was stretched 30 mm, resulting in extended distance (+33 mm) between the front and the rear seat passenger for improved rear seat comfort.

With 220 mm of ground clearance, along with the widest possible approach and departure angles and the ramp break over angle, the new Forester is well suited for off-road adventures. The X-Mode is now available with dual functions, suited for a variety of weather and road conditions. Keeping its rugged character, the all-new Forester towing capacity is 1870 kg.

The new model debuts a more rugged style based on the "Dynamic x Solid" design philosophy. The exterior has shoulder lines that follow around the pillars to emphasize height and strength. Prominent wheel arches emphasize the S-AWD system's functionality.

More info about Forester e-BOXER: https://www.subaru.eu/e-boxer/forester

■ The Subaru XV e-BOXER





Since its launch in 2017, the Subaru XV has become a popular choice among many customers, making it the most sold Subaru in Europe last year. The Subaru XV is a key model that embodies the brand's safe, fun and tough core pillars.

The Subaru XV is built on the Subaru Global Platform (SGP) to achieve world-class collision safety and superior hazard avoidance, as well as increased advances in driver-responsive handling and ride comfort. The SGP brings significant enhancement to the body and chassis rigidity (front lateral flexural rigidity +90%, torsional rigidity +70%, front suspension rigidity +70%, rear sub frame rigidity +100%) and impact energy absorption is improved by 40% over present models.

The new model is powered by a direct-injection 2.0-liter horizontally opposed four-cylinder engine, featuring 80% new components, paired with an electric motor within the customized Lineartronic transmission, achieving a smoother, 30% more linear, responsive acceleration and a highly responsive torque.

The Subaru e-BOXER system adjusts the power-split ratio between the dedicated 2.0-litre direct-injection engine and the electric motor to match the driving condition, changing between 3 driving modes: Engine driving, EV driving, and Motor Assist driving.

From standstill, or at low speed, the electric motor alone powers the vehicle, for a quiet and zero-emission driving. Depending on the vehicle and battery condition, it can drive fully electric for distances ranging up to about 1.6km, and reach speeds up to 40km/h. At medium speeds, power from both the motor and the engine combine to give a responsive, linear and fuel efficient acceleration, while at high-speed the 2.0L DI BOXER powers the vehicle while recharging the battery. The e-BOXER offers improved fuel consumption in urban, stop-and-go traffic, where depending on driver's driving style, fuel consumption can be reduced by up to 11% compared to the outgoing 2.0L petrol version.

The electric motor assist and the battery pack are aligned longitudinally. The heavy motor is placed near the vehicle's center of gravity, while the battery and other components are arranged above the rear axle, realizing even lower center of gravity and a better balance front/rear vehicle weight distribution.

With safety as a top priority, the Subaru XV e-BOXER comes standard with a suite of driver assist and safety features, such as EyeSight Driver Assist Technology and Subaru Rear Vehicle Detection system.

Its tough character combines a compact body with real SUV capabilities with 220 mm ground clearance, underpinned by Subaru's original S-AWD, Active Torque Vectoring, and an optimized X-Mode system. The exterior of the new Subaru XV e-BOXER expresses its tough and rugged features, as well as urban coolness, and raises anticipation for its unlimited ability to go anywhere. An exclusive new color, Lagoon Blue Pearl, is now available to round out the ideal color lineup of the new Subaru XV e-BOXER.

More info about Subaru XV e-BOXER: https://www.subaru.eu/e-boxer/subaruxv

■ The 2019 Levorg



The latest iteration of the Levorg blends its unique and distinctive touring wagon image with the practicality of a safe family car.

The 2019 Levorg has been optimized for Europe, with a redesigned engine hood to fit a new powertrain, the 2.0L NA BOXER engine combined with S-AWD and Lineartronic transmission. The high-quality and comfortable touring performance has been further improved for both everyday scenes and long drives. The new Levorg features a fine-tuned suspension and steering response to deliver better ride comfort and driving dynamics.

The latest iteration aims to offer world-class collision safety for total peace of mind with its Advanced Safety Package. The 2019 Levorg features improved functions on the EyeSight Driver Assist Technology, able to detect quicker road obstacles such as cars, pedestrians and cyclists.

■ Subaru VIZIV ADRENALINE Concept





The "Subaru VIZIV ADRENALINE Concept" is the first concept vehicle designed under new "BOLDER" design concept.

The body shape of the VIZIV ADRENALINE gives dynamic and strong feel. It features unique roof design which reinforces the body structure, as well as body protectors. The white accents going through the wheel to rugged all-terrain tire emphasize the outdoor gears. These elements express the toughness and agility of the VIZIV ADRENALINE Concept.

About Subaru Europe NV/SA

Subaru Europe NV/SA is a fully-owned subsidiary of Subaru Corporation, the manufacturer of Subaru vehicles in Japan. Headquartered in Zaventem, Belgium, Subaru Europe acts as a local hub for all Subaru importers in Europe. It supports the distribution network via a number of functions. These include product and service training, trading, brand marketing, product marketing, market research and public relations as well as the development, testing and distribution of Subaru genuine parts and accessories.

Main specifications e-BOXER (European specs.)

Model			Subaru XV e-BOXER	Forester e-BOXER
Grade			2.0i-S ES	2.0i-S ES
Dimension	Overall Length	mm	4,465	4,625
	Overall Width	mm	1,800	1,815
	Overall Height	mm	1,595	1,730
Engine	Туре		Horizontally opposed, 4-cylinder, 2.0-litre DOHC 16-valve + Motor	Horizontally opposed, 4-cylinder, 2.0-litre DOHC 16-valve + Motor
	Capacity	СС	1,995	1,995
	Max. Output	kw (ps) / rpm	110 (150) / 5,600-6,000	110 (150) / 5,600-6,000
	Max. Torque	Nm (kgfm)	194 (19.8)/4,000	194 (19.8)/4,000
Motor	Max. output	kW (ps)	12.3 (16.7)	12.3 (16.7)
Battery type	Туре		Lithium-ion	Lithium-ion
	Capacity	V	118	118
	Max. output	kW	13.5	13.5
Drivetrain			Lineartronic, Symmetrical AWD	Lineartronic, Symmetrical AWD

Main specifications Levorg (European specs.):

Model			Subaru Levorg
Dimensions	Overall Length	mm	4,690
	Overall Width	mm	1,780
	Overall Height	mm	1,490
Engine	Type		Horizontally opposed, 4-cylinder, 4-stroke,
	Туре		DOHC 16-valve, petrol
	Capacity	CC	1,995
	Max Output kv	v (ps) / rpm	110 (150) / 6,200
	Max Torque Nm (kgfm) / rpm	198 (20.2) / 4,200
Drivetrain			Lineartronic, Symmetrical AWD