

Czech Toyota Motor Manufacturing makes a sustainable choice by joining circular economy program “L∞P by Daikin”

The current Eurobarometer Future of Europe survey shows that 45 % of Europeans see climate change as one of the biggest challenges for the future of the EU.¹ Most of them expect a solution from the business sector. With the circular economy program “L∞P by Daikin – Recover – Reclaim – Reuse” the leading manufacturer of cooling, heating and ventilation solutions avoids the production of 250.000 kg refrigerants per year and thereby reduces the industries environmental impact. Now, Toyota Motor Manufacturing Czech Republic joined the program.

(Kolin/ Ovčáry Czech Republic), October 2021 – “At Toyota, we are actively seeking out any opportunity to improve the environment, following a global corporate vision of zero emissions during the production of vehicles by 2050. Above many various improvements, recycling of materials is among the best improvements to continue in long term by any company. L∞P by Daikin is opening a new possibility for us to go even further in recycling of all materials we use during our manufacturing processes and makes production more sustainable”, says **Koreatsu Aoki, President of Toyota Motor Manufacturing Czech Republic, s.r.o.**

Toyota Motor Manufacturing Czech Republic handed over Daikin 295,2 kg of refrigerant R-407C which will be reclaimed and reused for production of new HVAC devices to reduce the production of new virgin refrigerant. Furthermore, three decommissioned chiller units (two from the painting shop and one for cooling the administration building) were replaced by new chillers using refrigerant R-32 with a significantly lower Global Warming Potential.

“We are very glad that Toyota Motor Manufacturing Czech Republic is participating in our circular economy program for key accounts by supporting our ambitions to re-use refrigerants as a valuable resource. It is the first company to participate in this new program in the Czech Republic, inspired by other companies in Europe who made the same positive choice, helping us to recover huge quantities of available refrigerants from existing installations”, says **Josef Brož, Managing Director Daikin Airconditioning Central Europe – Czech Republic spol. s r.o.**



Until today, more than 20.000 L∞P by Daikin heat pumps with allocated reclaimed refrigerant have been sold. Seeing the success, Daikin Europe N.V. decided to extend the approach with the circular economy program **L∞P by Daikin – Recover – Reclaim – Reuse for key accounts and investors**. It is providing a reliable supply of reclaimed refrigerants and helps turning waste into an asset and reusing valuable resources.

Daikin's long tradition of careful use of resources

Since many years Daikin ensures that waste materials like metal, copper and aluminium from its production facilities are being recycled. Overall Daikin units are in average made of 80 % reusable materials. They have a long life-cycle and spare parts are available even 10 years after the end of production. Combined with service packages the unit's life-time can easily be extended. VRV L∞P by Daikin units with reclaimed refrigerant allocation are available since 2019. Now, Daikin increases its positive impact as HVAC-R industry-leader by extending the circular economy program **L∞P by Daikin – Recover – Reclaim – Reuse** to enable key accounts and investors to return their refrigerant and closing the loop .

For more information visit [L∞P by Daikin – Recover – Reclaim – Reuse](#)

References

¹ [Eurobarometer Future of Europe survey](#)

Picture

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Attachment

Refrigerant Reuse Confirmation by Daikin Europe N. V.



About

Daikin Central Europe

Daikin Airconditioning Central Europe was founded in 1999 with its headquarters in Vienna, Austria. The company's portfolio comprises products and solutions for heating, cooling, ventilation, air conditioning and refrigeration. More than 450 professionals are in charge of pre-sales, sales and after-sales-services in 16 countries across Central and Eastern Europe in Austria, Albania, Bosnia & Herzegovina, Bulgaria, Croatia, Czech Republic, Hungary, Kosovo, Montenegro, North Macedonia, Moldavia, Poland, Romania, Serbia, Slovakia and Slovenia.

In the Czech Republic, Daikin manufactures and supplies heat pumps, hot water tanks, air purifiers, air conditioning units, fan-coil units, and refrigeration units through its business partners - both for apartment buildings, for the commercial sphere and for industrial applications.

Daikin Europe N.V.

Daikin Europe N.V., Daikin Central Europe's mother company, is a major European producer of air conditioners, heat pumps and refrigeration equipment, with approximately 10,000 people employed throughout Europe and 14 major manufacturing facilities based in Belgium, the Czech Republic, Germany, Italy, Turkey, Austria and the UK. With more than 90 years' experience in the design and manufacture of heating and cooling technologies, Daikin is a market leader in heat pump technology. Daikin VRV and Daikin Altherma are the most sold heat pump systems in Europe, with over 500,000 systems delivered to date.

Toyota Motor Manufacturing Czech Republic

In 2002, two large multinationals, PSA Peugeot Citroën and Toyota Motor Corporation, forged a joint venture – TPCA, Toyota Peugeot Citroën Automobile Czech, s.r.o. In the same year, the two partners laid the cornerstone of a shared manufacturing plant in Kolín-Ovčáry. On February 28, 2005, the facility began manufacturing compact city cars, dubbed the “Kolín Triplets” – the Toyota Aygo, Peugeot 107, and Citroën C1.

The investment into the facility amounted to over 25 billion crowns and created thousands of jobs in the Kolín region. Since the launch of production in 2005, close to four million cars have rolled off the line and into the hands of satisfied customers in Europe and beyond.

Since the beginning, the Kolín plant has been investing in new technologies, leading in long-term environmental improvements, with high amount of recycling materials and improvement of water and electricity consumption per vehicle. The factory is now following the Global Toyota Environmental Vision 2050, leading to 0 emission during production of vehicle.



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