

Motherson and UBQ Materials are Developing Car Parts of the Future

The waste-converted material supports OEMs in their efforts towards carbon neutrality

TEL AVIV, ISRAEL, November 9, 2020 – Global automotive Tier 1 manufacturer Motherson Group announced its collaboration with Israeli cleantech company UBQ Materials. The companies are joining efforts to implement the carbon-negative UBQ™ thermoplastic into auto parts manufactured by Motherson Group for the automotive industry.

UBQ™ is a patented material converted from 100% unsorted household waste, containing food leftovers, mixed plastics, paper, cardboard, packaging materials and diapers. The unsorted waste stream is reduced to its most basic natural components and then reassembled and bound together into a matrix, creating a novel climate-positive material with applications across industries.

By diverting landfill-destined waste, UBQ™ prevents the emission of methane, groundwater leakage and other environmental harms. Every ton of UBQ™ produced prevents 11.7 tons of CO₂-eq from polluting the environment, leading Life Cycle Assessment auditors Quantis to designate UBQ™ as “The Most Climate Positive Thermoplastic Material on the Market.”

In February 2020, UBQ Materials embarked on its first partnership in the automotive industry with Daimler, manufacturer of Mercedes Benz. As a result of successful progress and advanced developments, UBQ Materials was introduced to Motherson. Motherson selected UBQ Materials as an innovation partner in Plug and Play’s Startup Autobahn, a platform that connects emerging technologies to pilot opportunities with multinational corporations.

Motherson is looking to provide sustainable solutions to aid in their customers’ sustainability commitments. “Motherson is a global tier-one manufacturer and supplier to the industry and as such, we are very conscious of continually seeking ways to be more sustainable, to reduce the environmental impact of our business, and to look for ways of increasing use of recycled and sustainable materials”, explains Barrie Painter, EVP, Global Sales and Marketing and Strategic Technology at Motherson.

“We have embarked on a very ambitious project”, says Sophie Tuviahu, VP of Business Development and Sales at UBQ Materials. “Automotive standards are demanding and we aim to be an approved raw material in a wide scope of applications in the automotive industry.”

Motherson is currently testing and evaluating the incorporation of UBQ™ in the production of a range of interior and exterior automobile parts. Following further trials and examinations, Motherson and UBQ have every intention to see this collaboration through to serial production.

Watch the full collaboration video here:

<https://www.youtube.com/watch?v=GpKWrZk4kIQ>

About UBQ Materials

UBQ Materials has developed an advanced conversion technology that transforms household waste into the greenest thermoplastic material on the market. The patented biobased material can substitute for oil-based plastics in the production of thousands of everyday products. UBQ™ enables manufacturers to finally create products that positively impact our world without compromising profitability. Emptying landfills, one product at a time.

To learn more about UBQ Materials, visit <https://www.ubqmaterials.com/>, and follow UBQ Materials on [Facebook](https://www.facebook.com/UBQMaterials/) (<https://www.facebook.com/UBQMaterials/>) and [LinkedIn](https://www.linkedin.com/company/ubq-materials) (<https://www.linkedin.com/company/ubq-materials>).

About Motherson

The Motherson Group is a globally operating supplier providing full system solutions to the automotive industry, from design, simulation and prototyping to tooling, moulding, painting and final assembly of highly integrated modules. The group was founded in 1975 and is today one of the world's fastest-growing automotive component makers. Its business portfolio comprises a broad range of superior quality and aesthetic products for all large car manufacturers worldwide such as cockpits, bumper covers, rearview mirrors, camera systems, lighting systems, decorative interior and exterior trims, wiring systems, air management systems and off-highway vehicle cabins. Furthermore, Motherson produces refrigeration systems, machined and sintered metal parts, elastomer parts, cutting tools, thin-film coating metals and injection moulding tools and provides comprehensive IT and design engineering services to various industry segments. The Motherson Group is one of the 22 largest automotive suppliers worldwide, employing over 135,000 people in more than 270 locations in 41 countries on five continents. For more information please visit www.motherson.com and follow Motherson Group on [LinkedIn](https://www.linkedin.com/company/mothersongroup/) (<https://www.linkedin.com/company/mothersongroup/>).