

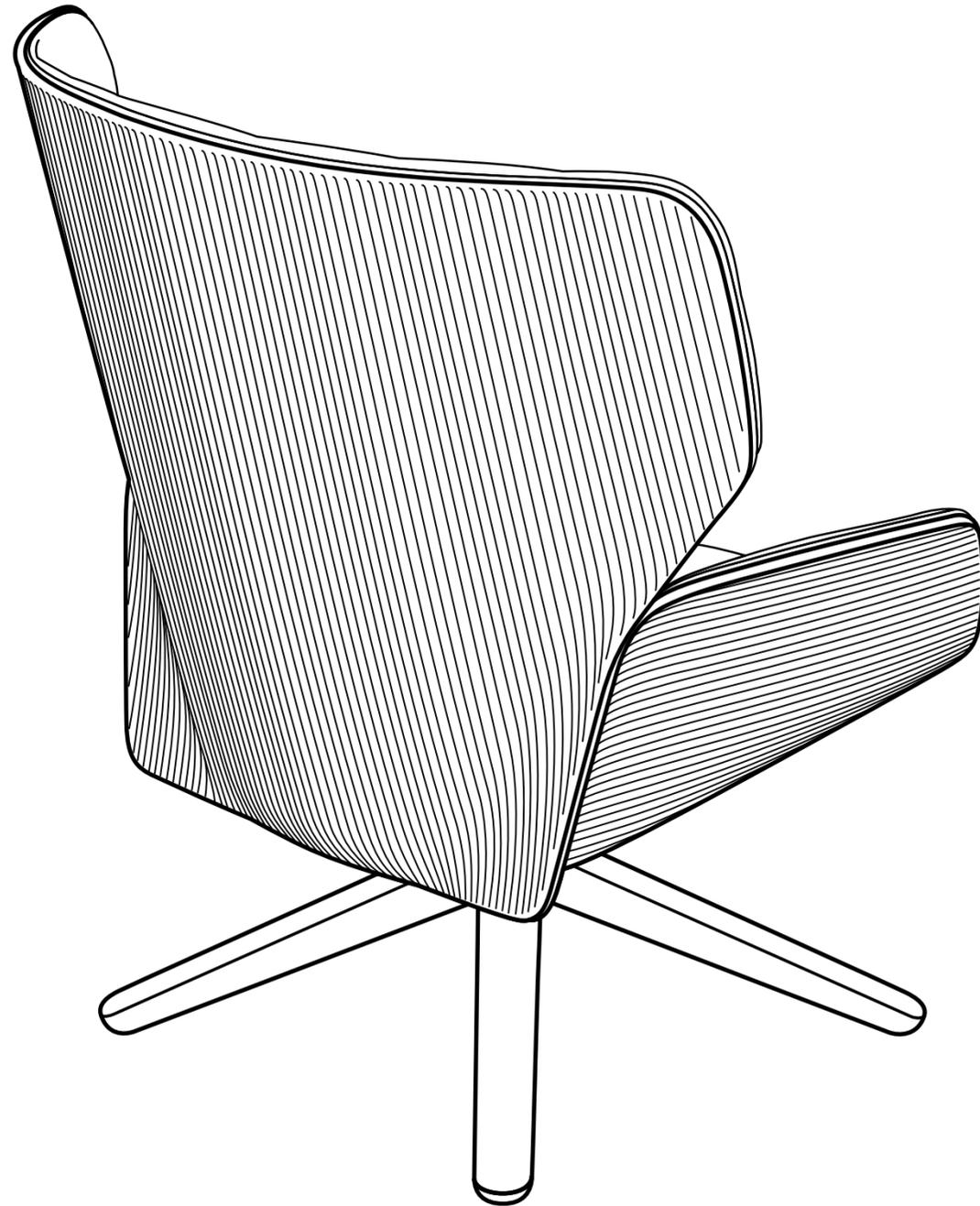
Andreu World

The first
100% sustainable
lounge chair

Nuez Lounge BIO®



Andreu World has developed a new bioplastic that makes its debut in the catalog with a lounge chair that is part of the Nuez collection designed by Patricia Urquiola. It maintains its wraparound nature and presents a high backrest that emphasizes its characteristic image, demonstrating the technological complexity of the shell, with the texture that distinguishes it. It is a piece that is 100% Urquiola and 100% sustainable and it is available in a range of four colors. Upholstered with the new Circular ONE[®] fabric made from PET bottle plastics and textile waste. The interior material is also 100% recycled and 100% recyclable. The design uses no glues, can be reupholstered at any time and can be disassembled for repair or to extend its life. The central ash wood base adds a natural touch and is FSC[®] 100%. Nuez Lounge BIO[®] is probably one of the most environmentally friendly upholstered seats ever designed. It heralds a new and comfortable path towards sustainability within the parameters of the circular economy of materials.



“Nuez Lounge BIO® is the natural prosecution of the first Nuez collection, a path that we started already some years ago. I worked intensely with Andreu World to apply a circular approach to Nuez, focusing not only on the materials, but also on simplified disassemble possibilities that can prolong the product’s life cycle. This is how Nuez Lounge BIO® was designed and developed, utilizing a 100% recyclable thermopolymer of natural origin. We are very proud of the result and are willing to proceed on this route.”

Patricia Urquiola

BIO Thermopolymer

A thermopolymer of natural origin, with a biological base, completes the trilogy of new materials that we are integrating to continue leading sustainability in our sector. It does not come from fossil fuels, but is produced by living microorganisms, and offers a sustainability profile similar to that of wood. It is recyclable, biodegradable and compostable.



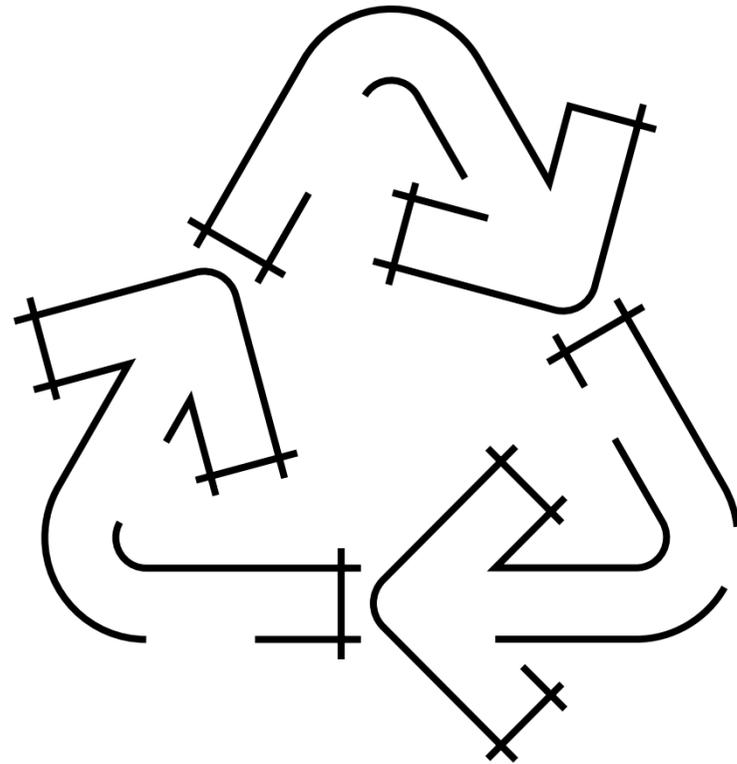
Circular ONE® fabric

There is no such thing as waste in nature, and we must take inspiration from nature in order to preserve it. In addition to the new PURE ECO® thermopolymers, we use our own fabric produced from a yarn made from plastics derived from PET bottles and textile waste. It is called Circular ONE® and is also 100% recycled and recyclable. It offers quality and durability for intensive use in upholstery.



Pure ECO®

Not only do we make use of the waste generated in the manufacture of our products, we have developed our own technology to provide an industrial material that can meet our needs and alleviate the needs of the planet a little as well. Derived from thermo-polymer parts that have reached the end of their life cycle and industrial waste, complying with a basic principle of the circular economy. 100% recycled and 100% recyclable.

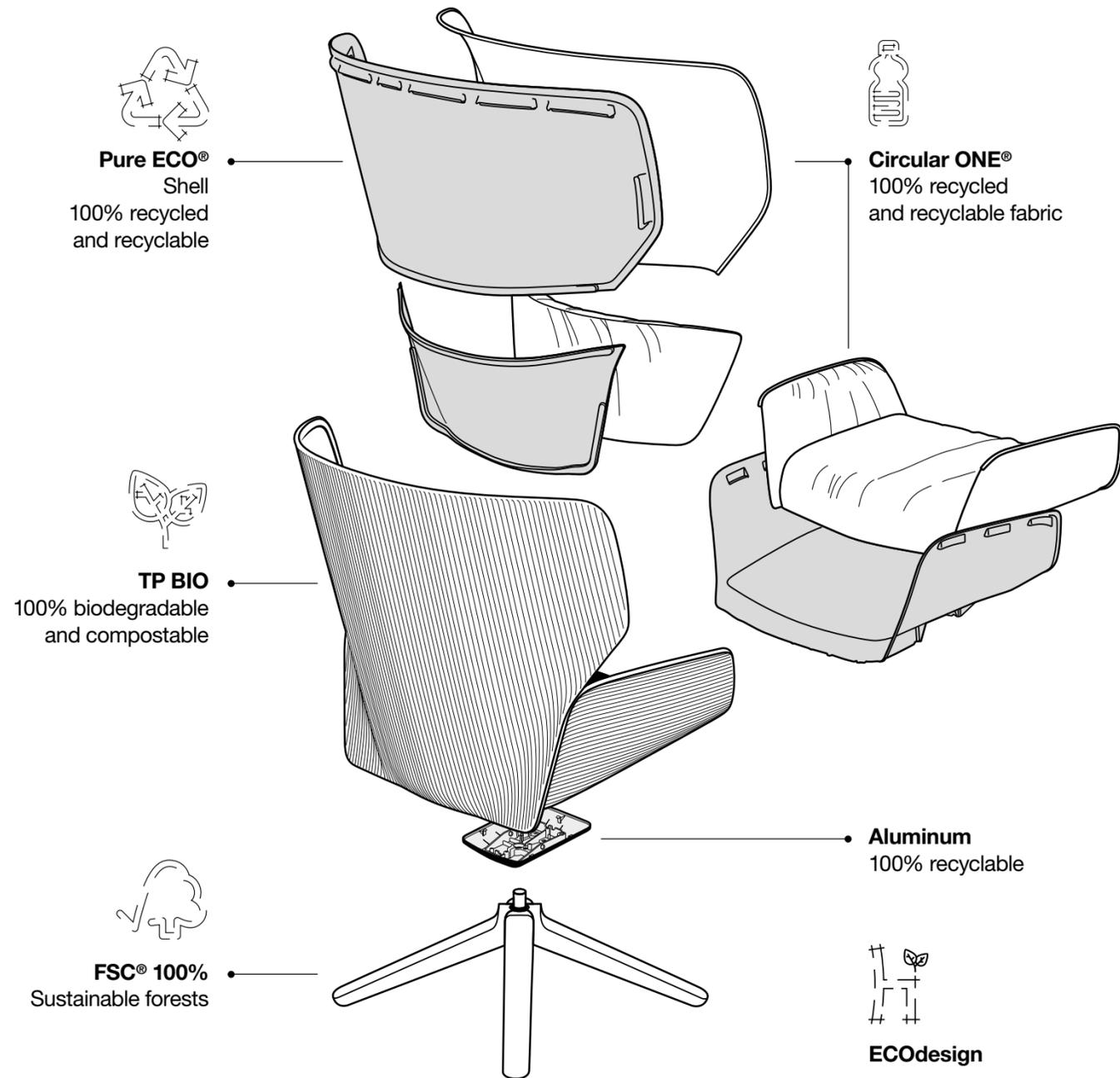


FSC® 100%

We only use sustainable wood from reforested forests and take care of it throughout the entire chain of custody. Controlled felling, the delivery of the logs to the sawmill and the planks that are sent to the mills to be transformed into components. From the tree to the final product. We were the first in the world to offer a FSC® 100% range and we are very proud of it.



100% Sustainable and REusable



Carbon footprint

All manufacturers have an obligation to adopt an energy policy that will enable us to have a cleaner, greener future. We must be accountable for what we do and how we do it. Carbon emissions leave a footprint on the planet that we need to quantify. The average for the manufacture of any chair currently on the market is between 30-60 kg CO₂e. It is a priority for us to reduce this figure.

Nuez Lounge BIO®

Carbon footprint	Energy 1,57 Kg CO ₂ e	Transport 0,37 Kg CO ₂ e
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1,94 Kg CO₂e



A chair that breaks new ground

For Andreu World, Nuez Lounge BIO® is the embodiment of its company philosophy in a tangible design and is also a firm declaration of the intent to achieve circularity of both the design and the production systems in their entirety.

Its origin lies in the decision to take on a new challenge. Our company has been a pioneer in the use of FSC® 100% wood in our entire range and has also stood out for the continuous investment in research and technological development that is supplemented by the fostering of a work culture that is also sustainable, in which the know-how of the artisan cabinetmakers and upholsterers is passed on from one generation to the next. That is why internationally renowned designers, such as Patricia Urquiola, have been working with us for years. We have established very close relationships with them, so that we can continue to learn and improve together.



When we were working on the design of a new armchair, it was Patricia who at one point urged us not to settle for developing just another seat for the catalog, but to aspire to take a big step further towards sustainable innovation.

At the opening of our Paris showroom in September 2019, development of the Nuez Lounge chair was already complete, the prototypes were finished and the technical details resolved in order to immediately start its manufacturing. It was scheduled to be presented the following year in Milan, but for Patricia the result was still not enough because she did not want to make just another armchair like the ones already on the market. We had an intense discussion about the possibility of this new design being more than just a nice complementary piece to a successful collection like the Nuez. She asked us to be much more ambitious and creative, to aim higher through an authentic approach of true respect for the environment, both in the selection of materials and in the production processes.



We accepted the challenge and from that day on we began to work seriously to meet it. We resumed a line of research on a thermo-polymer of natural origin, biodegradable and compostable that we had begun some time before, and we adopted a textile production process to make our own fabrics from PET plastics, recovered for example from the bottles that end up polluting the ocean, all while keeping in mind the aspects of circularity and recyclability during the life of the piece, its possible reprocessing and reuse at the end of the useful life of this armchair, which we now present under the name of Nuez Lounge BIO®.

To get to this point, we have had to collaborate closely with European chemists and scientists, who have worked with a natural material originally created by Asians and finally implemented by us, in southern Europe.



It has been necessary to modify the molds with new injection systems to guarantee the fluidity of the material, as well as to adjust the settings of the machines that inject the thermopolymer and to use hardware solutions that improve temperature and humidity control, given that the complexity of processing these new materials is very high.

In short, it has been a real challenge for the entire Andreu World team as well as the partner companies with which we collaborate. Almost two years have passed since that conversation with Patricia Urquiola on a terrace in Paris, talking about a possible future dream of the Nuez Lounge that has become a reality. We have managed to produce an armchair that marks a new path, possibly the first to be manufactured with 100% sustainable, natural plastic, of which we are especially proud and which points to a future of excitement and hope.

Jesús Llinares
CEO Andreu World



Nuez Lounge BIO® Collection

This lounge chair completes the family of chairs, tables and stools designed by Patricia Urquiola, while retaining the warm and technological nature of the Nuez collection. Its three-dimensional and wraparound shell is available in different colors, with an upholstered interior, including a seat cushion and an accessory lumbar cushion, all of which is combined with central swivel bases in aluminum or ash wood, which provides naturalness.



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Nuez Lounge BIO®



10-year guarantee

We continue to build our furniture with the most innovative technologies, the experience of the best master craftspeople and the same will to make pieces that last and can be inherited. In 2007 we were the first European company to offer a 5-year guarantee. We have doubled that commitment to quality.



The shells of the Nuez chair, armchair and stool are made from our ECO and Pure ECO® polymers. In addition to Circular ONE® fabrics, there is the option of using other sustainable textiles such as Reflect by Kvadrat, also created by Patricia Urquiola.



The paper used to produce this publication comes from responsibly managed forests and other controlled sources for greater environmental protection.