

EcoRub Becomes First Company in the World to Use Graphene in Recycled Rubber Materials

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In a collaboration between 2D fab and EcoRub, graphene will be used to strengthen recycled rubber and polymer. This will facilitate the transition to a more sustainable society through better resource utilization, hence reduced material waste.

Most rubber materials are made from fossil resources. The unique properties of rubber make it extremely competitive, often to an extent where it becomes the only possible alternative.

[EcoRub](#) is the first company in the world to use graphene in recycled rubber materials.

Through the collaboration between 2D fab and EcoRub, graphene will be used in recycled rubber material to improve the properties of the recycled material, which creates new business opportunities and enables use in new products. In addition, the need for virgin fossil-based rubber will decrease as resources are utilized in a more sustainable way.

"For [2D fab](#), product development in collaboration with customers is a perfect arrangement. We are experts on graphene, and the customers are experts on their material and process. In this case, we are extra excited since EcoRub is a local partner that also shares our desire to help customers make better use of their resources, thus creating a more sustainable and circular business", says Helena Axelsson, CSO at 2D Fab.

"Through this collaboration we believe that we will find new ways to improve recycled rubber products to produce new materials and products. Together, we can contribute to a strong and fossil-free industry with better resource and material utilization. This is an important step in the transition to a sustainable society, which really makes this an exciting collaboration", says Isac Andersson, CEO at EcoRub.

Read the [original article](#) on 2D fab.