



PRESS RELEASE

Michelin announces the construction of an industrial demonstrator in France for the 5-HMF molecule, an essential building block of green chemistry



Michelin announces the construction of a **first industrial demonstration unit** for the 5-HMF molecule.



This **bio-sourced** and **non-toxic** molecule can replace ingredients derived from fossil fuels in a wide variety of industrial fields.



Unit will be located on the Osiris platform
in Peage-de-Roussillon, **France.**

With an annual production capacity of
3,000 metric tons, this site will be the
largest HMF production site in the world.

This project represents a total investment of
€60 million, partly subsidized by the ADEME
in France and the CBE JU at European level.

It will allow for the creation of approximately
30 direct jobs and should begin
its activities during 2026.



Already used in the manufacture of ResiCare resins, 5-HMF allows to **reduce operator and consumer exposure to harmful products.**



The production of this initial industrial scale unit will allow for **safeguarding Michelin ResiCare's supply** and for **lowering costs.**



“The launch of this initial unit in France, to produce a bio-sourced molecule essential for green chemistry, is **a major milestone** for taking ResiCare’s activities to an **industrial scale...**”



Maude Portigliatti

Director of the Polymer Composite Solutions division at Michelin and Member of the Group’s Executive Committee





Want to be a part of making
5-HMF an industrial reality?

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resicare.michelin.com