econic

Exceed your long-term renewable content targets for mattress foam by **next year**

with materials from captured carbon

- Increase renewable content in mattress foams
- Up to 30% reduction in carbon footprint
- No compromise on mattress performance
- Long-term supply chain reliance
- Fully recyclable

Materials from captured carbon can be combined wth conventional, recycled and bio-materials to reach your goals

Certifiable reporting across three complementary frameworks

ISCC PLUS

Verify sustainable feedstock content and obtain credits for CO_2 utilization

SBTi

Emissions reduction under Scope 3 - Categories 1 (purchased goods) and 12 (end-of-life)

CSRD

Disclose climate transition and decarbonization strategy (ESRS E1-1, E1-5, E1-6, and E1-8)

* **Econic's technology for polyols allows manufacturers to make foam from CO_2: the only renewable option made from an infinitely available, affordable, and scalable feedstock**

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THE CHALLENGE

Switching to non-fossil foam ingredients

Mattress foams require a specific ingredient called polyols. Recycled polyols and bio-polyols have real limitations (e.g., supply, technical, economic) that make moving away from fossil-based materials challenging. Polyols from CO_2 overcome these hurdles.

	Available and scalable supply	Avoids land use issues	Works with existing equipment	Cost competitive	Lower carbon footprint	Fully recyclable
Recycled polyols	✗	✓	variable	✗	variable	✓
Bio-polyols	✗	✗	variable	✗	variable	variable
CO_2 polyols	✓	✓	✓	✓	✓	✓

THE ANSWER

Materials from CO_2 can be used together with existing, recycled and / or bio materials to achieve >40% recycled and renewable foams as early as 2027 without impacting product quality or cost.

✳ biogenic CO_2 is renewable and plentifully available

AVAILABLE NOW VIA OUR PARTNERS

Monument Chemical

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