

n-Wheel Technologies — Finishing the Revolution Michelin Started



“Never reinvent the wheel,” the old maxim warns. Yet in 2005 Michelin boldly promised to do just that, heralding a “second wheel revolution” of non-pneumatic tires (NPTs). Two decades on, the promise remains largely unfulfilled: NPT adoption is stalled by industry inertia and tough performance trade-offs in ride comfort, heat management, traction, and NVH.

✅ Our Answer: Reinvent Michelin’s Wheel — and Get It Right

- Patented auxetic metaTire™ core: Eliminates flats, adapts stiffness for smooth, quiet rides.
- Integrated n-Wheel™ module: Combines tire and rim, reduces mass, simplifies assembly.
- Topology-optimized lattice: Dissipates heat, survives heavy loads (validated on ATVs, forklifts, SUVs, and passenger cars).
- Digital twin platform: Enables OEM-specific tuning & scalable productions.

🎯 OEM Benefits

- EV-ready efficiency: Lower rolling resistance, longer range.
- Cost & warranty gains: No blowouts, no air, safer and fewer callbacks.
- Design freedom: Custom treads, sensor integration, no retooling needed.

🚀 Call to Action: Let’s Finish the Revolution — Together

We’re seeking launch-partner OEMs for the first production vehicles with n-Wheel™.

What we need — is to know what you need:

🚗 Vehicle platform 📏 Specs 🧪 Testing needs 🤝 Your interest.

Test results compared to PT of the same vehicle

Metric	Improve
Traction	+ 40%
Lateral Stability	+ 152%
1 st Vibration Mode	+ 200%

