

## MaterialsZone™ Launches Fully Integrated, AI-Guided Product Development Feature

*The feature's introduction aims to make iterative AI models more accessible, empowering researchers and materials scientists with faster, smarter innovation.*

TEL AVIV, Israel, December 2, 2024 — MaterialsZone, the Lean R&D solution for materials innovation, today announced the launch of its AI-Guided Product Development feature, providing MaterialsZone users with direct access to AI-generated experiment suggestions to streamline development cycles within their existing workflow.

With this feature, MaterialsZone empowers researchers with greater autonomy in their experimentation processes and enhances their ability to align development efforts with R&D timelines — a critical advantage in today's fast-paced, competitive market.

Building on successful use cases, the feature transforms trial-and-error-based experimentation by providing real-time experiment recommendations to guide researchers through iterative improvements. An advanced AI-driven feedback loop gradually narrows the parameter space, accelerating progress toward achieving product requirements and researcher goals while considering critical material and process constraints, including cost optimization and carbon footprint reduction.

As each suggested experiment is completed and documented within the MaterialsZone platform, the AI model is used to refine recommendations according to the latest data, enhancing precision and efficiency. Available to researchers and technicians, this seamless cycle integrates data enrichment, machine learning, experiment synthesis, and feedback, optimizing development and reducing experimental cycles — all within a no-code framework.

*“This feature is a testament to our commitment to empowering R&D teams and delivering an exceptional user experience,”* said Ori Yudilevich, CPO of MaterialsZone. *“By putting the power directly in the hands of our end-users, we enable them to achieve their goals faster, more effectively, and with greater accuracy.”*

## About MaterialsZone

MaterialsZone is a forward-thinking materials informatics company helping to bring materials-based products to market - better and faster.

MaterialsZone is a cloud-based materials discovery platform that empowers researchers and organizations by leveraging AI to enhance materials data utilization and value creation. It delivers a Lean R&D solution for material-based products, streamlining workflows, improving efficiency, and accelerating innovation.

Founded in 2018, MaterialsZone was developed with extensive expertise in material science, data science, and software development to offer a versatile, industry-agnostic solution. The platform has a proven track record of success, empowering numerous customers to accelerate and optimize their R&D processes. For more information, please visit our website [www.materials.zone](http://www.materials.zone).

### **MaterialsZone Contact:**

**Orit Schnitzer, VP Marketing**

**[orit.schnitzer@materials.zone](mailto:orit.schnitzer@materials.zone)**