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Radu Gabriel Ciobanu

Radu Gabriel Ciobanu is the Chief Executive Officer (CEO) of *Chemical Company Iasi*, Romania, where he has played a central role in modernizing the company's operations and strengthening its position within the Romanian chemical industry. With a professional background rooted in industrial chemistry and management, he has guided the company through a period of expansion, technological upgrading, and strategic partnerships with both national and international stakeholders.

Under his leadership, Chemical Company Iasi has diversified its portfolio of high-quality chemical products and reinforced its reputation for technical reliability and innovation. He has been instrumental in developing collaborations with research institutes and universities, promoting the transfer of advanced technologies from academic laboratories to industrial production lines.

Radu Gabriel Ciobanu is recognized for his pragmatic leadership style, his commitment to sustainable industrial development, and his ability to integrate scientific expertise into competitive manufacturing processes. His work continues to support the company's long-term vision of becoming a key contributor to Romania's modern chemical sector.

Talk: Scaling up chemical processes for industrial impact

Scaling up chemical processes from laboratory concepts to industrial reality remains one of the most challenging transitions in modern chemistry. Building on the experience presented at the Scale-up Day for Green Chemistry Start-ups, this talk explores the strategic, technical, and operational steps required to transform innovative chemical procedures into robust, economically viable production workflows. The presentation will highlight critical aspects such as process intensification, optimization of reaction conditions, equipment selection, safety integration, and regulatory compliance.

Drawing from practical case studies within Chemical Company Iasi, Radu Ciobanu will illustrate how interdisciplinary collaboration, data-driven decision-making, and sustainable engineering principles accelerate the journey from experimental success to industrial implementation. The presentation aims to provide researchers, engineers, and industry partners with a clear roadmap for navigating the complexities of scale-up, ensuring that innovative chemistry can be deployed efficiently, safely, and with measurable environmental benefits.

