



alzchem
group

Sustainability and corporate social responsibility

TRADITION MEETS SUSTAINABILITY



Excellent dealing with people
and the environment



Successful reduction of the annual
CO₂ emissions by ~ 50,000 tons*



Spending of ~ 24 M€* annually in
the protection of the environment



Successful audits of the Trostberg
site by the industry initiative
"Together for Sustainability"



Commitment to compliance with
responsible care guidelines



* data basis 2022

 **Creapure**[®]

The premium brand for
creatine worldwide.
MADE IN GERMANY



OUR PATH TO CLIMATE NEUTRALITY – The Climate Roadmap of Alzchem Group AG



The premium brand for creatine worldwide.
MADE IN GERMANY

Creatine monohydrate is the most widely studied form of creatine and is excellently suited for use as a dietary supplement to enhance physical performance. Recent research results have also indicated positive therapeutic results in clinical applications.

Alzchem has developed a very safe production process for manufacturing creatine of an ultrapure quality in our own production facilities in Germany. This field of application is also sustainable according to the UN Sustainable Development Goals (SDGs) (SDG 3, Good Health and Well-Being).

PRODUCT QUALITY

- In-house manufacture of key raw materials and reverse integration in the NCN-chain leads to sustainable production under high quality standards
- Regular internal and external quality controls along with ongoing scientific analysis help to ensure the high quality of each production batch.

ENERGY & EMISSIONS

- Increasing use of renewable energy sources
- Continued reduction of our product CO₂ footprints through energetic use of CO gas for oil and gas compensation in combination with using the formed CO₂ as raw material
- Indirect efficient heating/cooling system with water mixture in the GMP plant
- Since 2021 we operate a regenerative thermal oxidation facility (RTO) for waste air purification

PRODUCTION NETWORK & TRANSPORT

- Geographical proximity of our 4 different production sites → short transportation routes for the further processing, mainly by rail
- Efficient, resource-saving (catalytic) process with European raw materials
- Use of AI (artificial intelligence) to optimize production processes along our NCN-chain → significantly increasing yields
- Intelligent network integration including energy and material flows, side products e. g. CO₂ used as raw material; cycles can be closed; goal: zero waste

RAW MATERIAL & WASTE MANAGEMENT

- Raw materials production in-house resp. if sourced from external: almost exclusively from our European suppliers
- Regular quality and safety audits at our suppliers
- Wherever possible we handle bulk quantities (raw material, finished goods)
- Only approved and audited packaging is used
- Packaging waste management comply with the requirements of the EU packaging and waste directive regulating the reuse or recoverable nature of packaging due to their composition

We ACT.



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