Business Delegation Trip Lightweight Technologies Spain

18th-22nd May 2026

The Market Entry Programme for Small and Medium-sized Enterprises is a funding programme of the:

Federal Ministry for Economic Affairs and Energy

MITTELSTAND GLOBAL FOREIGN MARKET ENTRY PROGRAMME

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GTAI GERMANY TRADE & INVEST

sBs systems for business solutions

AHK Deutsche Handelskammer für Spanien
Cámara de Comercio Alemana para España

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Content

Message of greeting

Mr. Christian Tippelt
Director Foreign Market Entry Programme of the Federal Ministry for Economic Affairs and Energy (BMWE) Germany Trade & Invest

The Foreign Market Entry Programme assists German Small and Medium-Sized Businesses during all stages of their export activities. Participating businesses receive widespread support from the initial stages of market exploration up to the making of actual business contacts, e.g., by providing first-hand market information, organizing exploration trips and building networks. Key element of this support is the personal assistance during preparation, implementation and follow-up of these measures to ensure that the business arrangements are of high quality and sustainable.

This visit is part of the showcase events module of the Foreign Market Entry Programme and will facilitate business contacts as well as provide important impulses for the further intensification of the fruitful co-operation between Spain and Germany.

On behalf of the German Federal Ministry for Economic Affairs and Energy , I would like to thank theparticipants from Germany, all multipliers, and other involved parties in Spain for their contribution to create a successful measure.

Message of greeting

Ms Stefanie Brickwede
Managing Director
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Dear Partners in Spain, distinguished Guests, and Friends of Additive Manufacturing and Lightweight Innovation,

On behalf of Mobility goes Additive e. V. (MGA), it is my great pleasure to welcome you to the German Business Delegation Trip to Spain 2026 focusing on lightweight technologies and Additive Manufacturing (AM). Over the coming days, a group of highly innovative German companies will present cutting-edge solutions in AM, advanced materials, digital design, and industrial production.

As Europe's leading network for industrial AM in Industry and Healthcare, MGA connects users, service providers, research institutions, public stakeholders and more across the entire value chain. With a user-driven focus, our mission is to accelerate the industrialization of additive technologies and to foster international collaboration.

Spain is a dynamic and rapidly evolving market in the fields of lightweight construction, mobility, and advanced manufacturing. Its strong industrial base, combined with a growing focus on sustainability and innovation, makes it a highly attractive partner for our members. We see significant potential for cooperation, particularly in sectors such as railway, aerospace, energy, and healthcare.

The German delegation brings together expertise in areas including industrial 3D printing, materials development, process optimization, and digital engineering. Their goal is to initiate new partnerships, adapt innovative solutions to local market needs, and explore joint business opportunities with Spanish companies and institutions.

We warmly invite you – companies, universities, research organizations, and public institutions – to actively participate in the presentations, B2B meetings, and networking sessions. By combining Germany's strengths in engineering and Additive Manufacturing with Spain's industrial capabilities and innovative spirit, we can jointly develop sustainable and competitive solutions for advanced manufacturing, efficient technologies and lightweight designs.

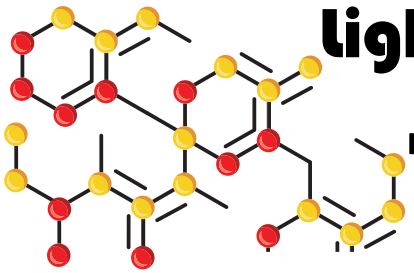
We look forward to inspiring discussions and to building lasting partnerships with you.
Kind regards
Stefanie Brickwede

Introduction

German Business Delegation

Spain

18th - 22th May 2026



lightweight

Additive manufacturing

We cordially invite you to join us for **an initiative supported by the German Federal Ministry for Economic Affairs and Energy (BMWE):**

As part of this business trip to Spain, 8 selected German companies will present their Additive Manufacturing technologies and Lightweighting solutions, products and services to a Spanish professional audience at a **presentation and networking event in Barcelona on Tuesday, 19th May 2026**.

Spanish industry representatives, companies, research institutions and other stakeholders are invited to attend the event, learn more about the participating German companies and **explore concrete opportunities for cooperation**.

The aim is to provide insights into innovative Additive Maufacturing solutions and to initiate concrete business contacts between Spanish and German companies.

Spanish companies interested in direct exchange with one or more German participants may **request individual B2B meetings via the registration form**. Meetings will be arranged according to the companies' interests and availability and will **take place in Barcelona and San Sebastián** during the delegation week and are intended to facilitate direct business contacts and tailored discussions on potential partnerships.

The project is being carried out by **SBS systems for business solutions GmbH** in cooperation with **AHK Spain** and **MGA – Mobility goes Additive e.V.**, as well as the **Composites United e.V.** as a specialist partner.

Project executor

SBS systems for business solutions

SBS systems for business solutions is a 1999 established private consulting agency, with two decades of experience in the planning, development and implementation of international projects. Moreover, the company offers services such as workshops, events and individually organized B2B-meetings, as well as individual strategies for market entries and assistance for the coordination of international teams for the German-speaking and Italian market.

Since 2006, SBS has been organizing hundreds of internationalization projects from delegation trips abroad to big virtual conferences on behalf of several German ministries and other foreign governmental institutions. In addition, SBS has been honored by the Italian Ministry of Economic Development with the title of "Temporary Export Manager". A highly-skilled team of project managers with multinational backgrounds, based in Berlin and Rome, is sensitized for the topic of cultural differences and therefore knows how to approach difficult cultural issues. In fact, SBS applies cross-cultural thinking and designs custom-made solutions that overcome intercultural borders to find the right partners for their clients. Thanks to a strong partner network and more than 600 German and international clients, SBS is able to facilitate a successful market entry in the most emerging and attractive markets worldwide.

Project executor

Deutsche Handelskammer für Spanien

Deutsche Handelskammer für Spanien
Cámara de Comercio Alemana para España

For more than 100 years, the central task of the German Chamber of Commerce for Spain (AHK Spain) has been to promote economic relations between Germany and Spain. As a self-governing bilateral institution, AHK Spain supports the market interests of German companies in Spain and is the most important point of contact for all questions concerning German-Spanish economic relations.

In order to consistently reinforce its positioning as a key hub for German-Spanish economic relations in the target country and among its stakeholders, AHK Spain regularly organizes local expert workshops and information events on current topics, at which AHK employees analyze current needs and identify suitable speakers for the specialist topics. These events are held in collaboration with national stakeholders from politics and business.

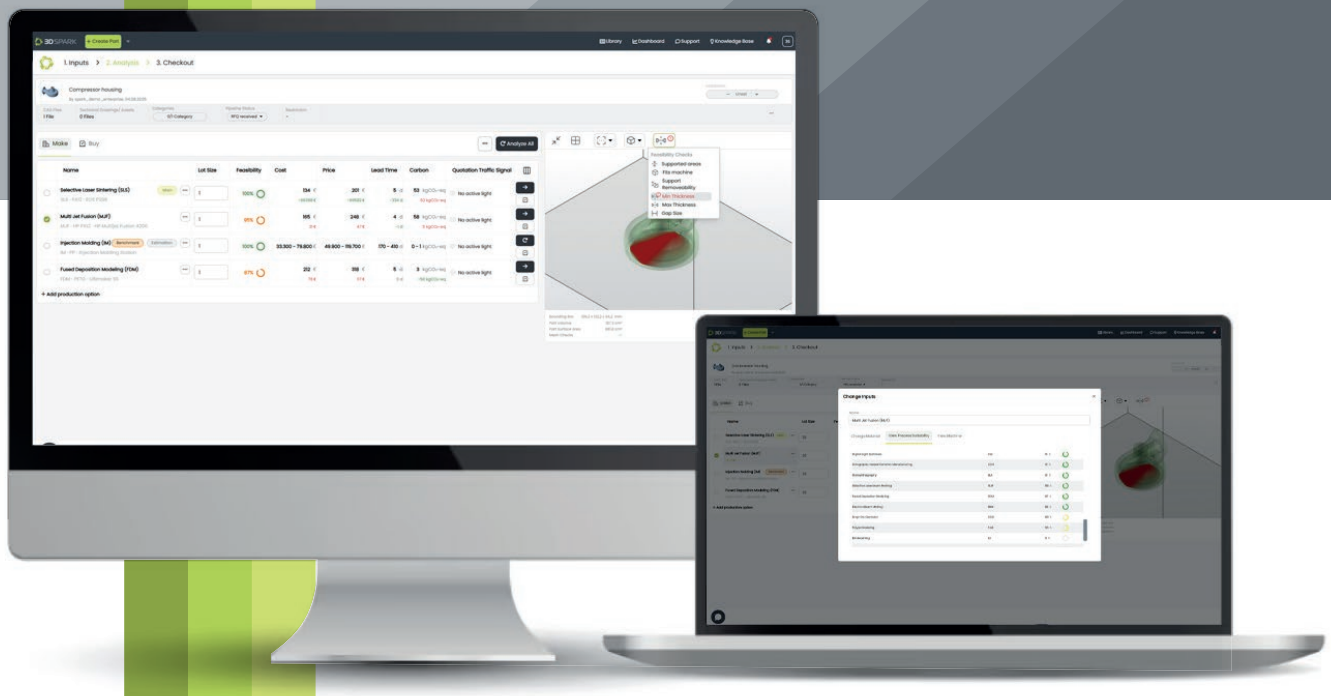
Thanks to the diverse range of projects, workshops, and events, the employees of the AHK Spain project team are already well versed in regularly and thoroughly familiarizing themselves with new topics. The organization and implementation of all projects therefore runs smoothly and guarantees successful execution.

3DSPARK

Cut Costs, Save Lead-Time, Reduce CO_2

Make Smart Manufacturing & Procurement Decisions - Instantly.

- Smart Make or Buy Suport
- Part Screening at Scale
- 2D-to-3D Model Generation
- Manufacturability Analytics
- Accurate Manufacturing Costing
- Automated CO_2 footprint reporting



SUMMARY

AI-powered platform for automated part screening, manufacturability analytics and 2D-to-3D conversion—smarter manufacturing decisions.

WWW.3DSPARK.DE

MADE IN Germany

3D Spark GmbH

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Germany
www.3dspark.de

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Languages: German, English

COMPANY PROFILE

3D Spark is a leading SaaS platform that transforms how companies identify, evaluate, and manufacture parts. Through automated part-screening, manufacturability analytics, and intelligent 2D-to-3D conversion, 3D Spark empowers engineering, procurement, and sustainability teams to make data-driven decisions in seconds. By comparing manufacturing technologies based on cost, lead time, and CO_2 footprint, the platform uncovers the most efficient and sustainable production routes while boosting equipment uptime through faster replacement part identification and optimized production planning. 3D Spark bridges design, procurement, and manufacturing data to unlock efficiency, sustainability, and resilience across entire part portfolios.

PRODUCTS / SERVICES

3D Spark is an AI-powered SaaS platform that transforms how industrial companies evaluate and manufacture parts. By combining automated part screening, advanced manufacturability analytics, should-cost modeling, and AI-driven 2D-to-3D conversion, the platform enables fast, data-driven production decisions. It analyzes technical feasibility, cost, lead time, and CO_2 footprint across additive and conventional manufacturing technologies, revealing the optimal production route for every part. Legacy 2D drawings are converted into manufacturable 3D models, unlocking digital inventory strategies and accelerating spare part production. By connecting engineering, procurement, and operations on one digital decision layer, 3D Spark reduces costs, increases equipment uptime, strengthens supply chain resilience, and drives more sustainable manufacturing.

REFERENCES AND EXPORT ACTIVITIES

Due to confidentiality agreements, we cannot publicly disclose all organizations we work with. However, 3D Spark supports leading industrial companies across North America and EMEA, which represent our primary focus markets. Selected customer references and case examples are available on our website, demonstrating our impact in optimizing manufacturing decisions, cost structures, and digital inventory strategies.

TARGET GROUP

3D Spark serves industrial manufacturers, OEMs, procurement teams, and engineering organizations managing complex part portfolios. Our platform is designed for companies seeking to optimize production decisions across additive and conventional manufacturing. We support operations, supply chain, and sustainability leaders who aim to reduce cost, increase equipment uptime, and build resilient, data-driven digital inventories.

COMPETITIVE ADVANTAGES

3D Spark's competitive advantage lies in combining automated part screening, deep manufacturability analytics, AI-driven 2D-to-3D conversion, should-cost modeling, and CO_2 analysis in one integrated platform. Unlike isolated tools, we connect engineering and procurement data to enable portfolio-level decisions and faster part digitization—powered by decades of manufacturing expertise within our team.

IDEAL BUSINESS PARTNERS

Our ideal business partner is a producing company such as an OEM or Tier 1 supplier operating in complex industrial environments. They manage large, diverse part portfolios and aim to optimize manufacturing, sourcing, and spare part strategies across global operations. These organizations value data-driven decisions, cost transparency, uptime reliability, and stronger supply chain resilience through digital transformation.

we are composites

an AIRBUS company

SUMMARY

The Composite Technology Center (CTC GmbH) is a leading lightweight technology and innovation center in Europe, especially for the aerospace sector!

MADE IN Germany

WWW.CTC-COMPOSITES.COM

Composite Technology Center / CTC GmbH (An AIRBUS Company)

we are composites

an AIRBUS company

Airbus-Strasse 1
21684 Stade
Germany
www.ctc-composites.com

Contact person:
Mr. Marc Fette - *CEO*
marc.fette@airbus.com
Phone: +49 4141938 570
Languages: German, English

COMPANY PROFILE

The Composite Technology Center / CTC GmbH, based in Stade, is a 100% subsidiary of Airbus. At its core, the CTC develops innovative technologies for the industrial and automated processing of composites, especially CFRP. The focus is thus on application-oriented research for primary aircraft structures. However, CTC also develops technologies and holistic solutions for other industries within the scope of development and consulting projects. The focus is always on the satisfaction of our customers through the realization of the highest quality in compliance with aviation requirements.

PRODUCTS / SERVICES

The core competencies of the CTC are distributed over the four business fields “Innovation”, “Solution”, “Production” & “Education” and lie particularly in the areas:

- Composite product design and analysis
- Research and development projects for fibre compos te and lightweight technologies
- Development, introduction and operation of highly automated production systems
- Consulting and series support for composite production
- Process recording, analysis and optimization
- Production of single and serial parts in aviation quality
- Training & Education in the field of composites and related technologies.

REFERENCES AND EXPORT ACTIVITIES

CTC is active worldwide in the field of lightweight solutions and technologies, especially with development services.

TARGET GROUP

CTC’s target group are OEM and supplier of the mobility and industrial sector which are interested in holistic, smart and sustainable lightweight solutions as well as technologies.

COMPETITIVE ADVANTAGES

CTC is a leading lightweight technology and innovation center in Europe, especially for the aerospace sector!

IDEAL BUSINESS PARTNERS

- OEM
- ODM
- Supplier
- Engineering service provider
- Companies with a need for innovation
- Companies with a need for professional training
- With a focus on lightweight technologies and composites in aerospace, automotive, transportation, railway, shipbuilding, wind power, machinery and plant engineering sector.

Carried out by:

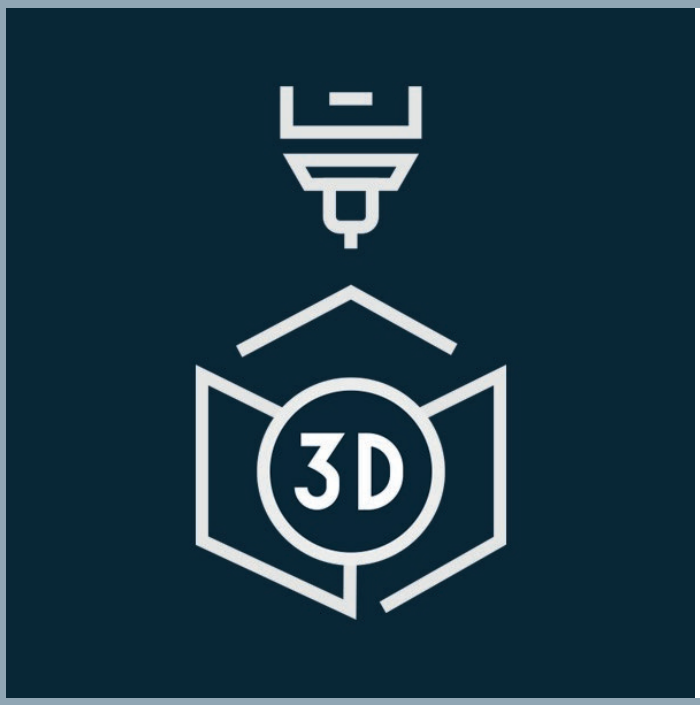
sBs systems for business solutions

germantech.org

In colaboration with:

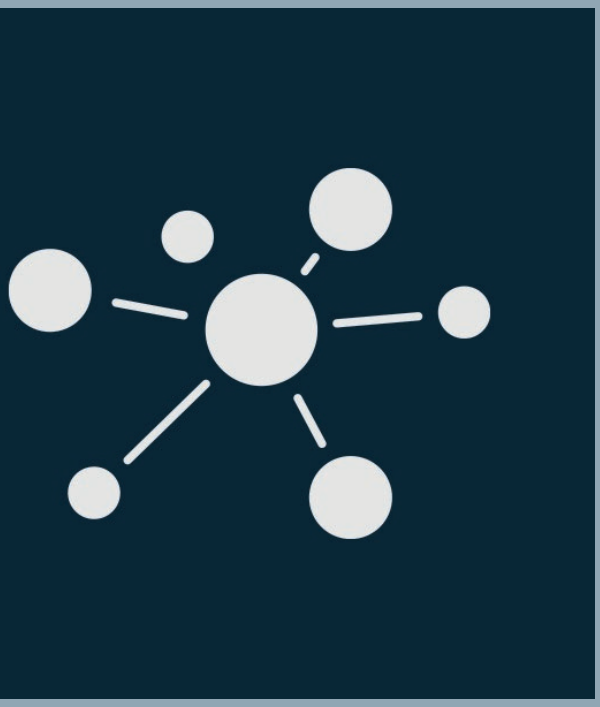
AHK Deutsche Handelskammer für Spanien
Cámara de Comercio Alemana para España

BREUNINGER
MANAGEMENT CONSULTING



3D-PRINTING

NETWORKING



SUMMARY

BREUNINGER MANAGEMENT CONSULTING - Development and implementation of 3D printing strategies across the entire product lifecycle of companies.

MADE IN Germany

WWW.BREUNINGER-RAT.COM

Breuninger Management Consulting

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70192 Stuttgart
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www.breuninger-rat.com

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Mr. Hans-Alfred Breuninger - Owner
mail@breuninger-rat.com
Phone: +49 172 7445533
Languages: German, English

COMPANY PROFILE

For over 35 years management consultant and networker with passion.

Familiar with change processes for new mindsets for new technologies like 3D-printing.

Focus of the consulting projects: Develop the 3D printing strategy for the entire product life cycle. Finding the red thread for 3D printing for the whole company.

Founder of the network: Additive in Southwest Germany. http://www.additiv-im-suedwesten.de

Co-Founder of AMCN: Additive Manufacturing Consulting Network. https://additiveconsulting.net/

PRODUCTS / SERVICES

AM-Consulting Services for international and mediumsized companies, the AM-Industry, including in-dept overview of the AM-Market.

REFERENCES AND EXPORT ACTIVITIES

Consulting projects in Europe and in the US. Consultant to Stratasys for over 5 years and other internatioal and mediumsized clients.

TARGET GROUP

International companies and medium sized companies.

With Industry focus on: Automotive and Automotive Supplier Industry, Pharmaceutical and chemical Industry e.g. 3D printing of tablets, Spare parts management including the ecosystem, 3D Printing of 2K Components like Polyurethane. All activities concerning Mergers and Acquisition in the field of 3D Printing. Networking activities in the field of the 3D-Printing.

COMPETITIVE ADVANTAGES

Vendor-Independent-AM-Consulting and deep knowledge of the international AM- Market.

IDEAL BUSINESS PARTNERS

AM-Consultancies and Networks in Spain. Finding new friends in the AM-Ecosystem in Spain.

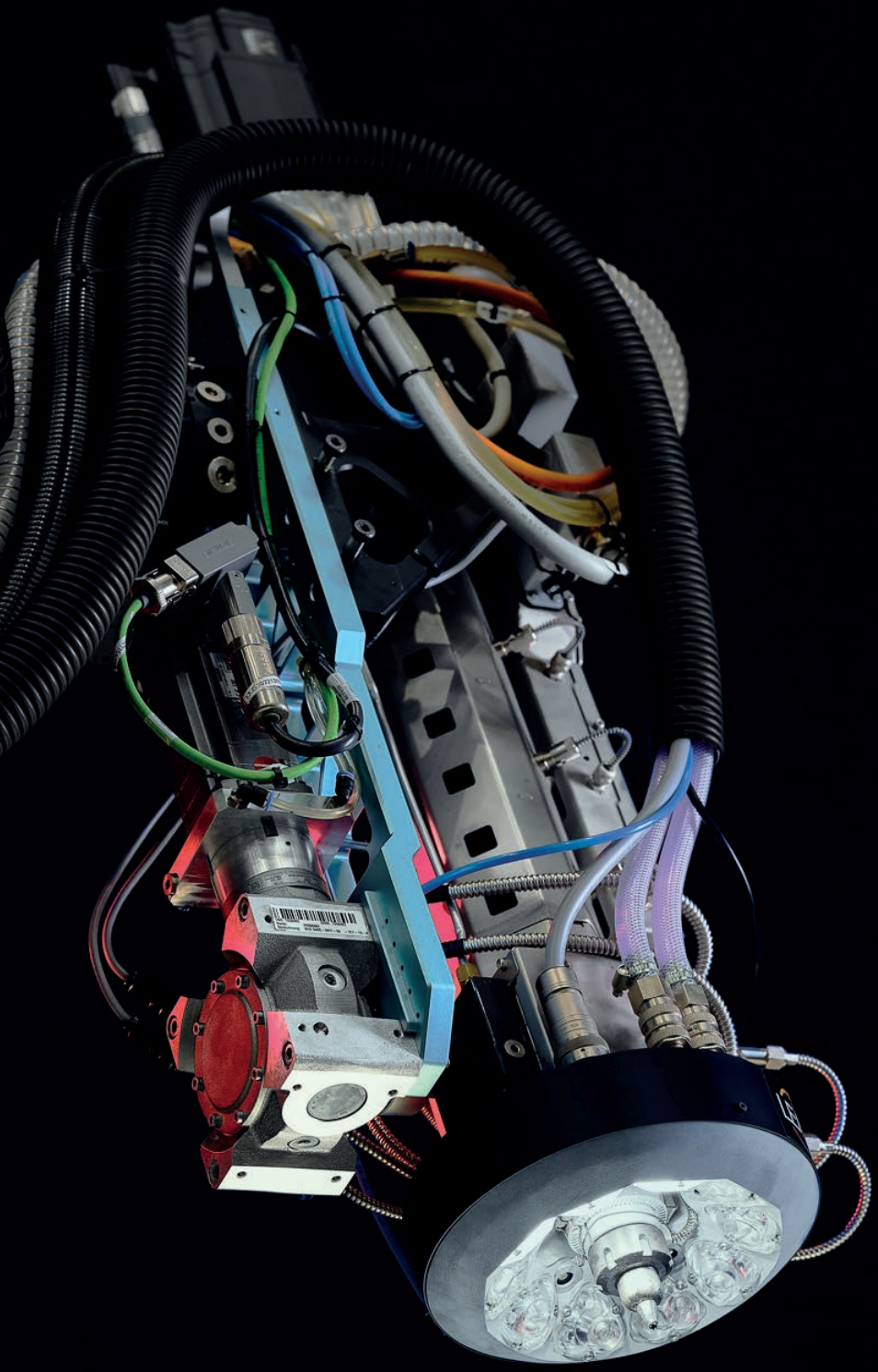
Carried out by:

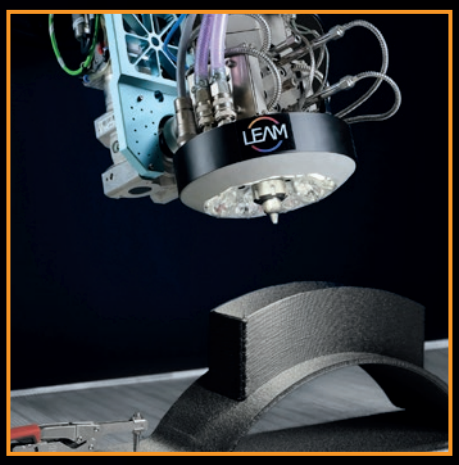
sBs
systems for business solutions

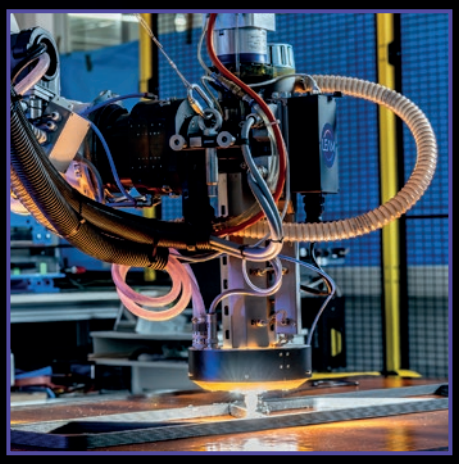
germantech.org

In colaboration with:

AHK Deutsche Handelskammer für Spanien
Cámara de Comercio Alemana para España







SUMMARY

Development of smart retrofit modules for extrusion 3D printers, enabling stronger parts and industrial qualification.

MADE IN Germany

WWW.LEAM.TECH

LEAM Technologies GmbH

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85410 Haag a.d. Amper
Germany
www.leam.tech

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Phone: +49 172 6985 162
Languages: German, English

COMPANY PROFILE

LEAM Technologies GmbH is a technology company focused on industrializing extrusion-based additive manufacturing. The company develops core platform technologies that transform extrusion 3D printing into a controllable, repeatable, and qualifiable production process. By enabling data-driven manufacturing and process transparency, LEAM supports the transition from prototyping to certified industrial production, particularly for functional components made from engineering and high-performance polymers. Its solutions are designed for scalable deployment across industrial production environments.

REFERENCES AND EXPORT ACTIVITIES

LEAM works with industrial partners, research institutions, and machine manufacturers across Europe. Projects include pilot installations, industrial demonstrators, and collaborative development programs in multiple countries, supporting international technology transfer and market entry.

TARGET GROUP

Industrial manufacturers, machine builders, system integrators, and research institutions working on lightweight design, using extrusion-based additive manufacturing for functional parts, tooling, and end-use components in automotive, aerospace, energy, rail, and industrial production.

PRODUCTS / SERVICES

LEAM offers modular hardware modules, control electronics, and software systems that can be retrofitted to existing extrusion 3D printers and large-format robotic platforms. The product portfolio includes thermal management modules, sensor systems, real-time control software, and data infrastructure for process monitoring and quality documentation. Services include system integration, machine upgrades, application engineering, and customer-specific industrialization projects to enable reliable serial production.

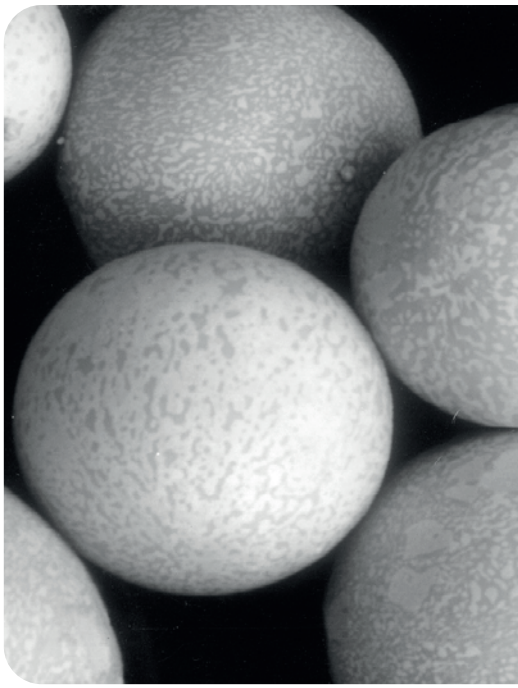
COMPETITIVE ADVANTAGES

Modular retrofit architecture, closed-loop thermal control, and full process data transparency. LED-based heating technology is safer than laser and more performant than IR systems, enabling easier integration into industrial production environments. LEAM enables qualification, repeatability, and scalability on existing machines instead of proprietary platforms.

IDEAL BUSINESS PARTNERS

Industrial manufacturers, machine builders, system integrators, and research institutions working on lightweight design, using extrusion-based additive manufacturing for functional parts, tooling, and end-use components in maritime, aerospace, energy, rail, and industrial production.

NANOVAL | Powderful Solutions



ATOMIZATION PLANT ENGINEERING

CUSTOMIZED METAL POWDER PRODUCTION

R&D & EXPERIMENTAL

SUMMARY

Your partner for customized metal powders and atomization plants. Your requirements – our flexibility.

MADE IN Germany

WWW.NANOVAL.DE

NANOVAL GmbH & Co. KG

NANOVAL | Powderful Solutions

Kienhorststraße 61-65
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Germany
www.nanoval.de

Contact person:
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Languages: German, English

COMPANY PROFILE

Since 1987, NANOVAL has been a reliable partner for metal atomization. Our core advantage lies in our patented NANOVAL atomization process: molten metal is atomized by a highly accelerated, laminar gas flow in a Laval nozzle. This results in spherical powders with high flowability and a narrow particle size distribution for maximum yield. We serve as a single-source partner, offering both high-quality metal powders and complete atomization plants. From R&D to series production, we support industries like Additive Manufacturing, Aerospace, and Medical Technology with flexible batch sizes tailored to your specific needs.

PRODUCTS / SERVICES

Atomization Plant Engineering

- Complete Atomization Plants – Design and production of full systems from a single source.
- Versatile Melting Systems – Plants utilizing crucible, crucible-free, or hybrid systems depending on the material.
- Patented NANOVAL Process – Integration of the Laval nozzle technology where molten metal is surrounded by a highly accelerated, laminar gas flow.
- Energy Efficiency – Systems designed for efficient gas atomization using nitrogen or argon.
- Comprehensive Support – Individual assistance ranging from the initial idea and technical planning to successful commissioning.

Metal Powder Production

- Customized Metal Powders – Precisely atomized according to specific requirements and from nearly any alloy.
- Powder Quality – Production of spherical powders with high flowability for precise and reproducible results.
- High Production Efficiency – Narrow particle size distribution ensures a high yield.
- Flexible Batch Sizes – Supply of variable quantities

REFERENCES AND EXPORT ACTIVITIES

NANOVAL has built 11 atomization plants—9 for external customers and 2 for in-house use, including 1 crucible-free system. To date, we have atomized over 1,500 different alloys for domestic and international customers, demonstrating our experience and versatility in metal powder production.

TARGET GROUP

NANOVAL serves high-demand industries such as Additive Manufacturing, Aerospace, Medical Technology, Automotive, Corrosion Protection, and Consumer Goods. As a reliable R&D partner, NANOVAL provides high-quality metal powders and complete atomization plants, offering flexible batch sizes from prototyping to full series production.

COMPETITIVE ADVANTAGES

- Patented NANOVAL Process – Molten metal is atomized in a Laval nozzle by a high-speed, laminar gas flow.
- Superior Powder Quality – Nearly spherical powders with high flowability for precise, reproducible results.
- High Production Efficiency – Narrow particle size distribution ensures high yield.
- Energy Efficiency – Efficient nitrogen or argon atomization reduces energy and gas consumption.

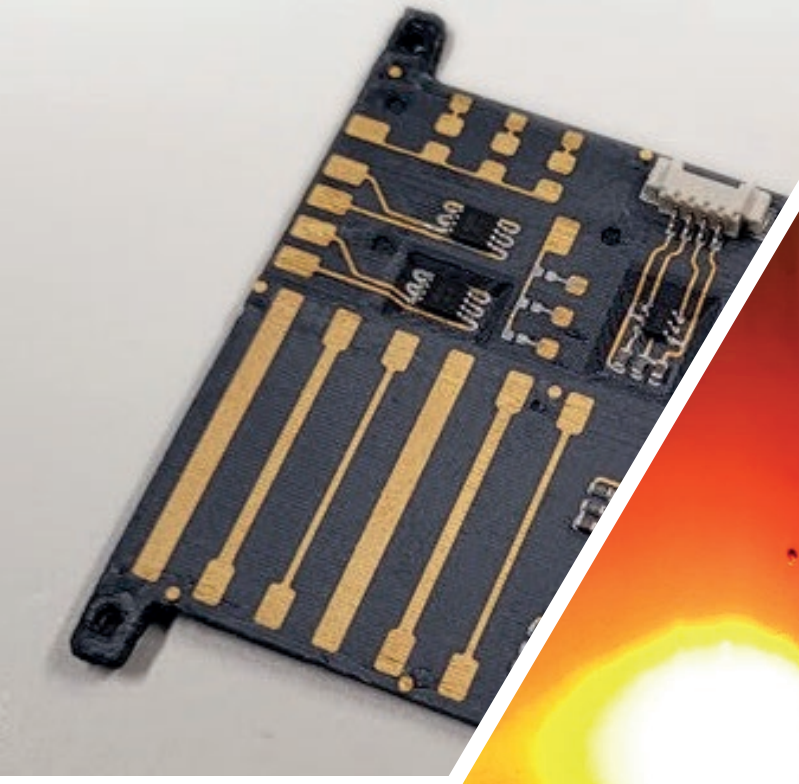
IDEAL BUSINESS PARTNERS

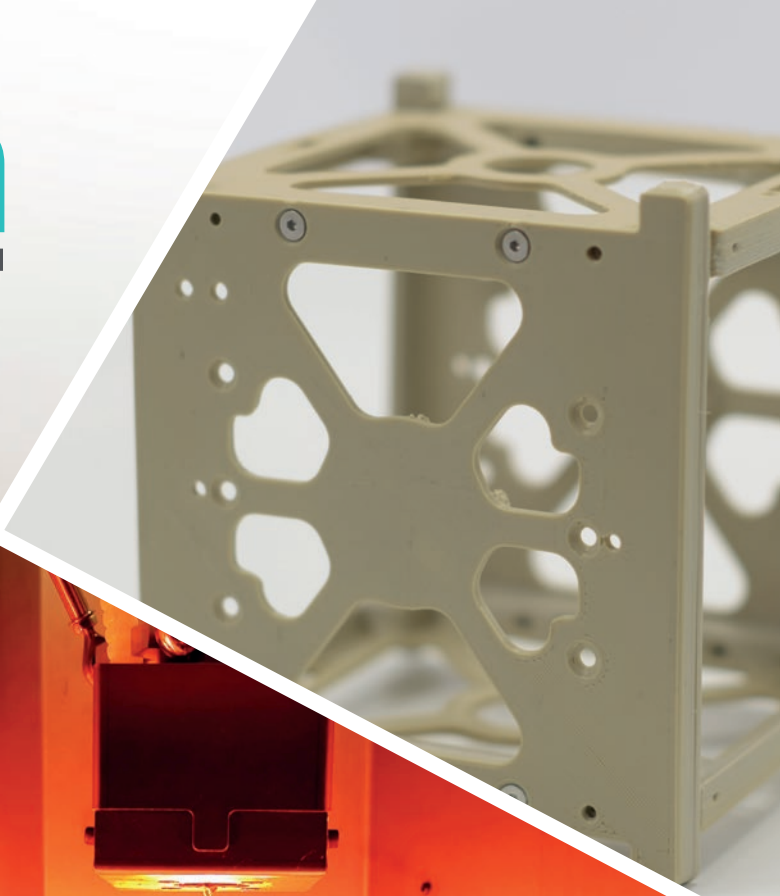
Material & Technology Partners: Alloy developers and 3D printing system manufacturers get high-quality powders from NANOVAL's atomization of innovative materials.

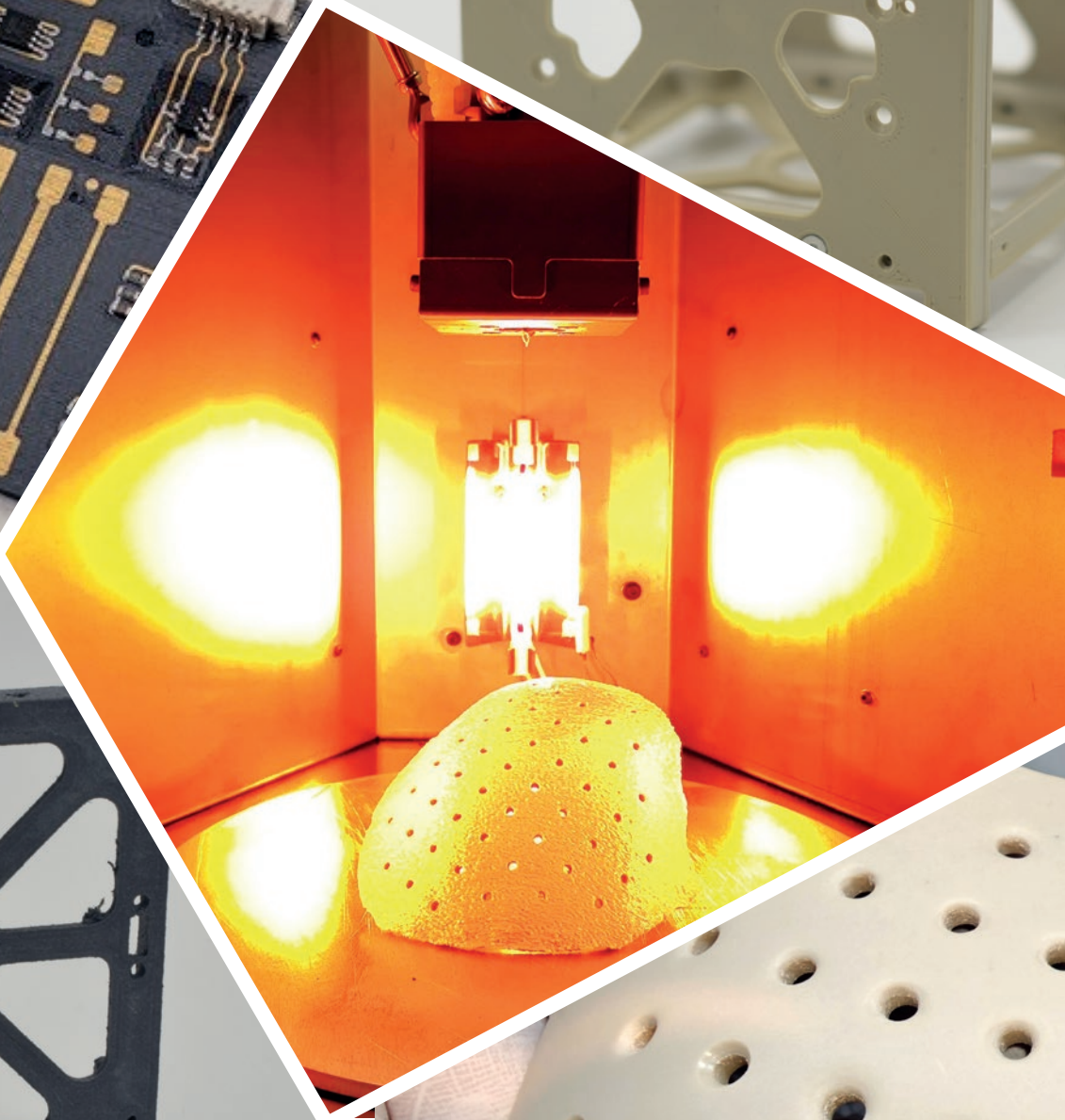
Industrial End-Users: Aerospace, medical, and automotive benefit from lightweight, high-strength, biocompatible, or specialized alloys.

Engineering & Production Clients: Companies and R&D departments access flexible batches and in-house atomization plants.

orion
additive manufacturing GmbH







SUMMARY

Orion AM builds industrial 3D printing systems for high-performance polymers, delivering injection-molded strength for end-use parts.

MADE IN Germany

WWW.ORION-AM.COM

Orion Additive Manufacturing GmbH

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Phone: +49 176 6701 6284
Languages: German, English, Spanish

COMPANY PROFILE

Founded in 2018 and headquartered in Berlin, Germany, Orion Additive Manufacturing GmbH is an innovator in industrial 3D printing. We specialize in additive manufacturing utilizing high-performance polymers like PEEK, ULTEM, and PPSU. At the core of our technology is our proprietary Thermal Radiation Heating (TRH) process, which solves the traditional 3D printing challenges of porosity and weak interlayer bonding. This groundbreaking technology enables the production of end-use parts that achieve 99.95% density and match or exceed the strength of injection-molded components. We provide comprehensive solutions, including advanced 3D printing systems, printing services, and engineering consulting. Orion AM serves the aerospace, medical, and industrial sectors, delivering high-strength, temperature-resistant, and chemically resistant parts. Our mission is to elevate additive manufacturing to a reliable, scalable technology for the world's most demanding applications.

REFERENCES AND EXPORT ACTIVITIES

Orion AM actively participates in major European R&D initiatives, including the EU-funded AM-SPACE project alongside Fraunhofer institutes, advancing 3D-printed solar arrays for small satellites. We also collaborated with the European Space Agency (ESA) to supply 3D-printed PEEK parts for the Emirates Lunar Mission's Rashid rover. We export our systems globally to aerospace, medical, and industrial clients.

TARGET GROUP

Our primary target groups include aerospace and space OEMs requiring lightweight, high-strength polymer components for extreme environments. We also target medical device manufacturers and hospitals seeking to produce biocompatible, patient-specific implants (e.g., CMF and spinal) on demand. Additionally, we cater to industrial companies needing end-use parts with resistance to heat, chemicals, and mechanical stress.

PRODUCTS / SERVICES

Orion AM offers a comprehensive ecosystem of hardware, manufacturing services, and expertise. Our Industrial 3D Printing Systems include the A150 and the large-format A460, designed for processing engineering-grade thermoplastics. For healthcare, our M150 Medical Additive Manufacturing System is optimized to produce biocompatible, patient-specific implants and surgical tools. All our printers feature our proprietary Thermal Radiation Heating (TRH) technology to ensure superior mechanical integrity. Beyond hardware, we provide Additive Manufacturing Services, delivering rapid prototyping and end-to-end production of flight-ready aerospace components and industrial parts. Additionally, our Engineering Consulting services support customers with design for additive manufacturing (DfAM), material selection, and rigorous testing validation to help seamlessly integrate our 3D printing technology into their production workflows.

COMPETITIVE ADVANTAGES

Our primary advantage is our proprietary Thermal Radiation Heating (TRH) technology, which eliminates the porosity and de-lamination typical of standard FFF 3D printing. We produce parts from high-performance polymers (PEEK, ULTEM, PPSU) with 99.95% density and isotropic properties matching or exceeding injection-molded strength. This allows for true metal replacement and reliable manufacturing of certified end-use components.

IDEAL BUSINESS PARTNERS

We seek to partner with aerospace systems integrators looking for lightweight flight-ready components, and medical technology innovators aiming to scale on-site implant manufacturing. Ideal partners also include industrial OEMs in the automotive, rail, and energy sectors needing durable replacements for metal parts. We welcome collaborations with research institutions and global distributors of advanced AM technologies.

Qualified AM

QamX

SUMMARY

Qualified AM helps industry scale compliant additive manufacturing to serial production - powered by the QamX digital qualification platform.

MADE IN Germany

WWW.QUALIFIEDAM.COM

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Languages: German, English

COMPANY PROFILE

Qualified AM GmbH is a German specialist for qualification, validation and certification in industrial Additive Manufacturing. The company operates internationally across highly regulated, export oriented industries including medical, aerospace, energy, semiconductor, rail, maritime and industrial machinery. With deep standards expertise and the fully digital QamX platform, Qualified AM enables manufacturers, suppliers and technology organizations to transform additive manufacturing into efficient, economical and fully certified industrial production. Based on experience from more than 20 AM qualification and certification projects and supported by a network of over 20 certified AM suppliers, Qualified AM delivers structured, standards aligned qualification pathways that are fully audit ready and scalable across sites and supply chains, enabling reliable global market access.

PRODUCTS / SERVICES

Qualified AM provides standards aligned qualification and certification programs for additive manufacturing materials, machines, processes and suppliers. Services include readiness and capability assessments, structured digital gap analyses, defined qualification pathways and the generation of complete audit ready qualification and certification documentation. The QamX digital platform acts as a unified qualification ecosystem combining digital documentation, risk assessment, compliance monitoring, traceability, supplier qualification and embedded expert consulting. This modular system significantly reduces qualification time, documentation effort and certification cost while ensuring continuous audit ready operations aligned with international standards. Qualified AM also supports AM supply chain qualification through supplier evaluation, maturity assessment and digital traceability, enabling reliable, economical and scalable AM production networks.

TARGET GROUP

Qualified AM and QamX support organizations in regulated, high-value industries requiring certified and scalable AM production. Target groups include manufacturers, suppliers, technology centers and engineering teams seeking reliable qualification of materials, machines, processes or distributed supply chains. The focus is on organizations needing audit-ready documentation, compliant workflows and predictable timelines for certified production.

COST SAVINGS & TIME TO MARKET

Qualified AM enables faster and more cost-efficient qualification of additive manufacturing in regulated environments. Its specialization, standards expertise and the digital QamX platform reduce qualification effort and accelerate approvals. In many cases, an audit-ready quality management system can be implemented within one month, providing a compliant foundation for AM operations. Certification readiness is typically achieved within about three months, depending on scope and requirements. Integrated consulting, rapid qualification pathways and digital workflows lower costs while enabling scalable production and shorter time-to-market.

IDEAL BUSINESS PARTNERS

Qualified AM partners with organizations aiming to implement additive manufacturing in a certified and scalable way. This includes start-ups building compliant AM capabilities and industrial companies integrating AM into serial production or spare-parts supply. Collaboration also extends to technology centers and supply-chain leaders managing distributed AM environments. Using QamX frameworks, supply-chain qualification and control can typically be established within six to twelve months, including integration of multiple AM suppliers into a compliant network.

topmodellfabrik
we shape your vision.

SUMMARY

topmodellfabrik GmbH is a full-service additive manufacturing partner, delivering engineering-driven 3D printing solutions.

MADE IN
Germany

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COMPANY PROFILE

topmodellfabrik GmbH is a German full-service partner for industrial additive manufacturing, with over 16 years of hands-on experience. Based in Tuttlingen, Germany, we support companies from initial concept through to series production—combining advanced technologies with deep engineering expertise.

Our mission, "shape your vision," goes beyond manufacturing: we transform ideas into functional, production-ready components and help our customers make better technical and economic decisions along the way.

By combining interdisciplinary engineering knowledge with a broad range of additive manufacturing technologies, we enable faster development cycles, reduced complexity, and scalable production. Our approach is collaborative, precise, and focused on real-world performance—not just printed parts.

PRODUCTS / SERVICES

Additive manufacturing: We provide industrial 3D printing across multiple technologies, including SLS, FDM, SLA, MJF, SLM, and vacuum casting. This allows us to select the right process for each application—not the other way around—ensuring optimal results in terms of function, cost, and lead time. From prototypes to small and medium production runs, we deliver parts that are ready to perform in real applications.

Post-Processing & Surface Finishin: Functional parts don't end with printing. Our post-processing and surface finishing solutions improve mechanical performance, surface quality, and usability. Whether for technical components or visual models, we ensure that every part meets the required standard for its final use.

Engineering & Design Support: We actively support our customers in developing better parts. Through CAD services, 3D scanning, and generative design, we optimize components for additive manufacturing—reducing material usage and improving performance.

REFERENCES AND EXPORT ACTIVITIES

topmodellfabrik delivers additive manufacturing solutions to clients worldwide. We handle all export processes and work closely with international partners and globally operating companies. Located in one of Europe's strongest industrial regions, Baden-Württemberg, we are trusted by companies such as Bosch, Siemens Energy, Körber Packaging, and Werma Signaltechnik.

TARGET GROUP

Our customers are companies that need more than just a supplier—they need a partner who understands their components, constraints, and timelines. We work with industrial manufacturers, product developers, and engineering teams who require functional prototypes, optimized designs, and reliable small-series production. Additional clients include architects, medical developers and marketing agencies.

COMPETITIVE ADVANTAGES

Additive manufacturing is not just a technology decision—it is a strategic make-or-buy decision. topmodellfabrik provides immediate access to a wide range of industrial AM technologies, without the need for internal investment, ramp-up time, or process risk. We combine this technological breadth with engineering insight, allowing us to recommend and execute the most effective solution for each application.

IDEAL BUSINESS PARTNERS

We are the right partner for companies that want to move fast, reduce complexity, and make better use of additive manufacturing. This includes OEMs and Tier suppliers, engineering and product development firms, medical device companies, and international manufacturing partners integrating AM into their supply chains. Successful collaboration is built on one key factor: capacity—both in production and in engineering thinking.

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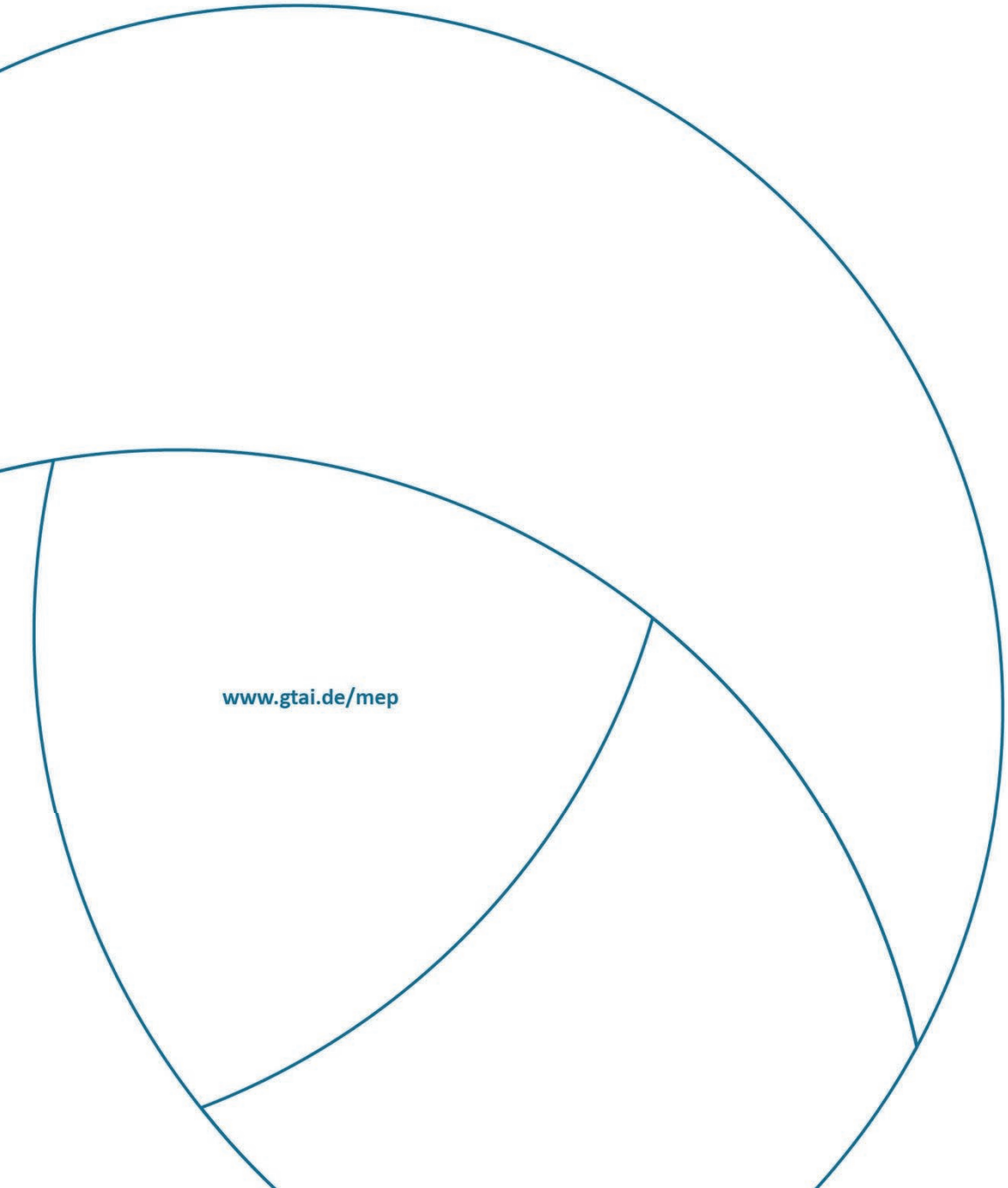
Business success through cross-culture thinking

Notes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