



invest  
in  
bavaria

# Welcome to Bavaria.

## Europe's innovation hub for Additive Manufacturing.

### Highly qualified specialists meet industry partners.

Bavaria has historically a strong and innovative industrial sector, providing young companies and established corporations with opportunities for growth. Various factors play together to create an ecosystem that is geared to help businesses grow on a global level:

#### Diverse Business Opportunities

Business opportunities abound, notably due to the presence of major corporations in all steps of the AM value chain (from manufacturer to user).

#### Effective Networks

Bavaria provides a varied number of networking platforms that drive cross-industry innovation. Examples: Cluster New Materials, Additive Manufacturing Coordination Office, Cluster Automotive, MAI Carbon

# 18% of GDP

(value added) from the manufacturing industry in Germany (2022)  
#1 in the EU

# 151

scientific publications in the field of AM throughout Bavaria (2022)  
#1 in Germany



# for 48%

of German companies 3D-printing has an enormous impact on their business. Ultimaker (2020)

#### Glocal Perspective

Both global multinationals and local champions use Bavaria as a springboard to enter international markets and to collaborate with partners cross-border.

#### Access to Talent

Bavaria hosts a highly diverse workforce in the sector and provides an ideal breeding ground for young talent thanks to its world renowned state universities and universities of applied sciences: LMU, TUM & FAU. Ranking competitively worldwide in Additive Manufacturing (CHE Ranking; QS World University Ranking).

### The potential that additive manufacturing has to offer:



**General Lattice, EOS, and DyeMansion** join Forces with **Wilson** to create Industry's first 3D-printed Airless Prototype Basketball.



**BMW** uses **ExOne's** binder jet 3D printing technology for a more sustainable manufacturing process.



**Trumpf** provides **Airbus Helicopters** with metal Additive Manufacturing machines for their electric-powered CityAirbus concept.



**3D Systems** uses its point-of-care technologies to create 3D-printed Cranial Implants with **Kumovis**.

# We help you to benefit from the strong bavarian ecosystem.

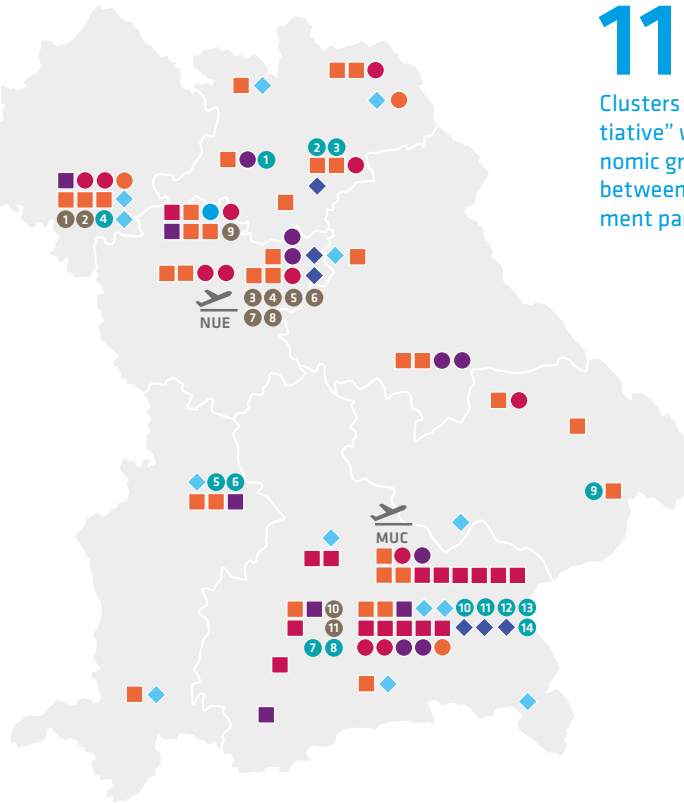
## A selection of possible partners

- 1 GE Additive
- 2 Fraunhofer IPA
- 3 ca.i CAMPUS ADDITIVE INNOVATIONEN
- 4 SKZ
- 5 ExOne
- 6 voxeljet
- 7 ebs
- 8 DYE MANSION
- 9 prexels
- 10 NANODIMENSION
- 11 TUM.Additive
- 12 BMW GROUP
- 13 SIEMENS x Munich Urban Colab
- 14 SIEMENS Additive Manufacturing Experience Center (AMEC)

# 70+

Science, research and innovation institutes.

- 36 Fraunhofer Institutes and Project & Research Groups
- 16 Max-Planck-Institutes
- 6 Helmholtz Institutes
- 8 Leibnitz Institutes
- 12 Regional Institutes
- 3 Associations of Industrial Research



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Clusters from the "Bavarian Cluster Initiative" which boost innovation and economic growth by promoting collaboration between companies, research & development partners in the high tech industries.

- 1 CU COMPACTS UNITED
- 2 Cluster Nanotechnologie
- 3 Cluster Neue Werkstoffe
- 4 Cluster Bahntechnik
- 5 Cluster Automotive
- 6 Additive Fertigung
- 7 CNA
- 8 BAVARIAN CHIPS ALLIANCE
- 9 MEDICAL VALLEY
- 10 BAVARIAN BIOTECH CLUSTER DEVELOPMENT
- 11 bavAIRia

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Universities and Universities of Applied Sciences.

- ◆ 6 Universities
- ◆ 14 Universities of Applied Sciences

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