Madrid Region
Deep Tech Startups
Q1 2024

In partnership with:

fundación para el conocimiento madrid

dealroom.co
The Madrid Region Startup Ecosystem Platform

Platform on Dealroom

Ecosystem Platforms: Tools, Maps and Databases

2 Annual Reports:
- Ecosystem Report
- Investment Report

12+ Industry Reports

Tools for startups:
- Job search
- Investors
- Public Financing

*https://www.madrimasd.org/emprendedores/startup-radar-madrid
Some highlights

Deep technologies are **disruptive technologies**, with application in multiple sectors and whose development requires deep knowledge in science and/or engineering.

Deep tech startups are emerging companies whose main product or service is based on the exploitation of one or more deep tech technologies, making their effort and investment in technological development much higher than that of non deep tech startups.

The commitment to develop a disruptive technology that stands out from the general line of the market, makes deep tech startups have greater technological risk but at the same time their vision is focused on the exploitation of new markets or without competition and favors that they can have an exponential growth.

Source: Startup Radar Deep Tech Report 2022
Deep tech startups are often classified by combining criteria such as the sector in which they operate (aerospace, biomedical, etc.), the product developed (drones, robots, etc.) or the technology used (artificial intelligence, internet of things, etc).

Biotechnology is usually classified as an industrial sector, despite being technologies based on biological processes, which in addition to having a great impact on the health industry, are applicable in other sectors (industrial, agri-food, marine, etc).

As a starting point, to consider a startup as deep tech it must participate in the development of the deep technology on which its product or service is based.

Fulfilling this, the proposed classification of deep tech startups has been made based on three major types of technologies and their combinations.

Source: Startup Radar Deep Tech Report 2022
Deep tech startups with best Dealroom signal (Q4 2023)

Selected list of deep tech startups in the Community of Madrid by Dealroom Signal

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<td>UTEK Unmanned Technologies</td>
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<td>Hardware</td>
<td>DEEP TECH STARTUPS OF THE COMMUNITY OF MADRID</td>
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See Landscape on Startup Radar madri+d
# DEEP TECH STARTUPS OF THE COMMUNITY OF MADRID

## SOFTWARE

| Name                 | Name                   | Name                | Name                | Name           | Name            | Name         | Name       | Name            | Name          | Name      | Name           | Name            | Name   | Name            | Name           | Name            | Name            | Name            | Name         | Name               | Name       | Name              | Name            | Name            | Name            | Name            | Name         | Name               | Name            | Name          |
|----------------------|------------------------|---------------------|---------------------|----------------|----------------|---------------|-------------|---------------|----------------|----------------|-----------|----------------|----------------|--------|----------------|----------------|----------------|----------------|----------------|---------------|------------------|----------------|------------------|----------------|----------------|----------------|----------------|---------------|------------------|----------------|------------------|
| Sensia               | ADEX                   | DataBeacon S.L.     | Cropit              | LeanScale      | Triporate      | Booboo        | FRACTTAL    | Tinsa Digital | Etsihi         | UAV AUTOSYSTEMS | AppDermis       | Carto              |                |                |                |                |                |                |                |                |                |                  |                  |                |                |                |                |                |
| Sigma technolog      | DETEKIA                | DTec                | DiscoveryBlock      | Tinger. io     | Dail Software  | HandCash      | Qualifying Photo | ymatio      | TROOP          | Nextail Labs  | ThermoHuman        |                |                |                |                |                |                |                |                |                |                |                  |                  |                |                |                |                |                |
| Sigma Cognition      | MedLab Media ME        | Unusuals           | SANTS              | decide4AI      | IMASTE         | Bitot         | Feebbo      | CHECKTOBUILD  | Wise Athena    | GeoBlink        |                |                |                |                |                |                |                |                |                |                |                  |                  |                |                |                |                |                |
| Zerintia             | Rated Power            | High Per            | Anyverse           | Narrativa      | Graphnext      | Smart Protectio | Dixit       | TheySay.me     | Orbital Critica | Bluetab         | Lurtis Rules     | Idaero           | BotsLovers       | Wenalyze         | QYARD          | EasyCode Softwa | Q-Lion         | Startical       | Dioxinet        | Feedbackia     | Doc Forense      | ESsmartT        | Deep Mirror Aut | SEA: Smart Ener | Cubic Fort       | MindsaC         |                |
| Anyverse             | Nara                  | Graphnext           | Laqnoss            | b                | Kepler Data Te | Barbara IoT   | Onize       | Kepler Data Te | MDM            | Sendy           |                |                |                |                |                |                |                |                |                |                |                  |                  |                |                |                |                |                |
| Clever Ecomerc       | Modelical              | Capaball            | Fundamentia        | Sentisis       | Welowrqi       | MIOTI         | 3SmartData  | Revelock       | Carriots       | Alise Devices  | Obuu              |                |                |                |                |                |                |                |                |                |                  |                  |                |                |                |                |                |
| IO Community Labs    | ISUX                   | MedUX               | MyZuum             | BEEVA          | ISID           | In2A1         | QA Laboratory | SummuS Render S | Wepplan Analytic | Predictical     | WannaBot         | Alisy              | Ubicua.com       | ibotics.es       | Paradigma Digit | MindsaC         |                |                |                  |                  |                |                |                |                |                  |                  |                |                |                |                |
| Smartme Analyti      | ISU                     |                            | ISU                 |                            |                | In2A1         | QA Laboratory | SummuS Render S | Wepplan Analytic | Predictical     | WannaBot         | Alisy              | Ubicua.com       | ibotics.es       | Paradigma Digit | MindsaC         |                |                |                  |                  |                |                |                |                |                  |                  |                |                |                |                |

See Landscape on Startup Radar madri+d
# DEEP TECH STARTUPS OF THE COMMUNITY OF MADRID

**BIOTECH**

- Allinyk Biopharm
- Aptargets
- Advance Biotech
- Cellerix
- Algenex
- Genality Diagn
- Protein Alterna
- Precision for H
- Life length
- Diomune
- Ysotope Therano
- Natac
- Igen
- Biomedica Molec
- Pharmactive Bio
- SYLENTIS
- Inmunología y G
- Vivia Biotech
- Evoenzyme
- AptusBIOTECH
- Dobecure
- InnoHealth Grou
- PROPOSIT
- OXOPROBICS BIOS
- Agrenvec
- SILK BIOMED
- ALODIAFARMACEUT
- Patent Shoes
- Algenex (Alterm)
- CIANOALGAE SL
- Infiquis
- DisruPep

**BIOTECH & SOFTWARE**

- Atrys Health
- HELIX BIOS
- 24Genetics
- Plebiotic S.L.
- Alturn Sequencin
- Tucuvi
- Idoven
- Savana
- GENOMICS4ALL
- Mello.es

**BIOTECH & HARDWARE**

- Spotlab
- Artificial Visii
- Advanced Radar
- KEROX TECHNOLOG
- Retiplus
- Inrobics (NaoTh
- Adamo Robot
- Lidax
- Surgescpe
- Ommatidia LIDAR
- UTW
- UTEK Unmanned T

**HARDWARE & SOFTWARE**

- Vaelys
- Foren Project, CUBELIZER
- Captoplastis
- lenal SPACE
- Amplia)) iiot
- EOS-X SPACESHIP
- OrbitalAds
- Future Voltaics
- Aireletronics
- Autodrive Solut
- Sensowave
- Automated Devic
- Alteria Automat
- DronModular
- IXION
- Orbital Ads
- TheCorpora
- FON
- Parkfast
- LastBasic
- Datos101
Distribution of 347 operational deep tech companies in the Community of Madrid

**BY TECHNOLOGY AREA**
- Software: 38%
- Hardware: 29%
- Biotech: 13%
- Hardware & Software: 6%
- Biotech & Software: 4%
- Biotech and Hardware: 4%
- Hardware & Software: 10%

**BY INDUSTRY OF ACTIVITY**
- health: 28%
- enterprise software: 12%
- energy: 8%
- marketing: 7%
- robotics: 5%
- transportation: 5%
- real estate: 4%
- semiconductors: 4%
- security: 4%
- fintech: 4%
- otros: 19%

Source: Startup Radar madrid and Dealroom data for deep tech
Deep tech startups and jobs created (2023)

Europe: 14,915 startups
Jobs: 517k

Spain: 1,205 startups (8% of Europe)
Empleo: 21,3k (4% of Europe)

Community of Madrid: 347 startups (29% de España)
Empleo: 6,7k (31,5% de España)

Source: Startup Radar madri+d and Dealroom data for deep tech in Europe, Spain, and Community of Madrid
Investment obtained by deep tech startups (2023)

Europe: 18,000 M$

Spain: 326 M$ (1.8% of Europe)

Community of Madrid: 135 M$ (41.4% of Spain)*

Source: Startup Radar madri+d and Dealroom data for deep tech in Europe, Spain, and Community of Madrid
Total valuation of deep tech startups (2023)

**Europe:** 359.900 M$  
**Spain:** 6.532 M$ (1,8% of European deep tech startups valuation)  
**Community of Madrid:** 2.546 M$ (39% of Spanish deep tech startups valuation)

Source: Startup Radar madri+d and Dealroom valuation data for Europe, Spain and Community of Madrid
Main deep tech investors in the Community of Madrid

List of 211 deep tech investors in the Community of Madrid

- Wayra
- Axon Partners Group
- Bankinter
- CEMEX Ventures
- Cabiedes & Partners
- K Fund
- Santander Group
- StartCaps Ventures
- Sherpa Capital
- Faraday Venture Partners
- Bonsai Venture Capital
- Swanlaab Venture Factory
- CDTI
- Big Sur Ventures
- Bsv
- Swaanex
- ENISA
- Adara Ventures
- Atlhós Capital
- Finnovista
- Soaya
- Samajpata
- CSIC
- BeAble Capital
- Mundi Ventures
- IMPACT Accelerator
- Telefónica Innovation Ventures
- CARDUMEN CAPITAL
- JME Ventures
- Telecomónica
- Fellow Funders
- Uniform Capital
- Bonsai Partners
- Bewater Funds
International position of the Community of Madrid by deep tech startups

- 4th European hub in Nr. of deep tech startups after London, Paris and Berlin
- 5th European hub for Nr. of deep tech rounds in 2023 and 9th in total amount invested
- 10th European hub for deep tech investment in 2018-23 (€620 million)
- 10th European hub in Nr. of deep tech jobs
Investment raised by deep tech startups in major European ecosystems

Source: Dealroom ecosystem metrics for startups deep tech
Some deep tech companies with highest valuations

**Atry Health eDiagnostic**
Biomedical company dedicated to provide diagnostic services and excelence medical treatments.

523M € Valoración

**Trucksters**
Offering a FTL long-distance transportation service through an innovative relay system based on artificial intelligence.

198M € Valoración

**MedLumics**
A company that designs and manufactures medical devices and catheter-based systems for the treatment of supraventricular tachycardias.

100M € Valoración

**Carrousel Group**
Manages B2C operations in the global online gaming industry.

80M € Valoración

**SAVANA AI + RWE**
Leveraging AI to generate global and deep real-world evidence, enabling data-driven healthcare.

120M € Valoración

**Wiyo**
Batteryless energy with real-time visibility & connectivity. Providing IoT-based data to cloud computing companies.

78M € Valoración

List of Deep tech startups in the Community of Madrid with valuation data
Madrid deep tech startups supported by Madrid entities, by type of entity

- Universities (55) 16%
- R&D Institutions (32) 9%
- Public incubators or accelerators (53) 15%
- Private incubators or accelerators (48) 14%
- Hospitals (4) 1%
- Other (155) 45%
# Deep tech startup support entities in Madrid Region

<table>
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<tr>
<th>Science parks</th>
<th>R&amp;D Institutions</th>
<th>Academia &amp; other public institutions</th>
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<tbody>
<tr>
<td>[Images of parks]</td>
<td>[Images of R&amp;D Institutions]</td>
<td>[Images of universities and organizations]</td>
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</tbody>
</table>

- **Public Incubators, Accelerators & R&D Institutions**
- **Selected corporate & private Accelerators & Facilitators**

- Public incentives and aid

Support to Madrid Deep tech startups:

- >5 startups supported
- >1 startup supported
DEEP TECH STARTUPS
OF THE COMMUNITY OF MADRID
BY OTHER TYPES OF TECHNOLOGIES

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DEEP TECH STARTUPS OF THE COMMUNITY OF MADRID

BY OTHER TYPES OF TECHNOLOGIES

See Landscape on Startup Radar madri+d
The most complete and detailed picture of Madrid Region’s tech ecosystem

Knowledge partners

Startup Radar database is kept up-to-date with the support of a growing number of Knowledge Partners:

SPIN OFF DATA
• Madrid Region Universities
• R&D Institutions
• Sience Parks & hospitals (ITEMAS Network)
• Technology Parks

INDUSTRIES & TECHNOLOGIES
Industries and Technologies knowledge Partners to date are referenced here:

https://ecosystem.madrimasd.org/intro