startup
radar
madri+d

Industry
Report

Madrid Region

Healthtech Startups

Q3 2023

fundación para el
conocimiento
madri+d

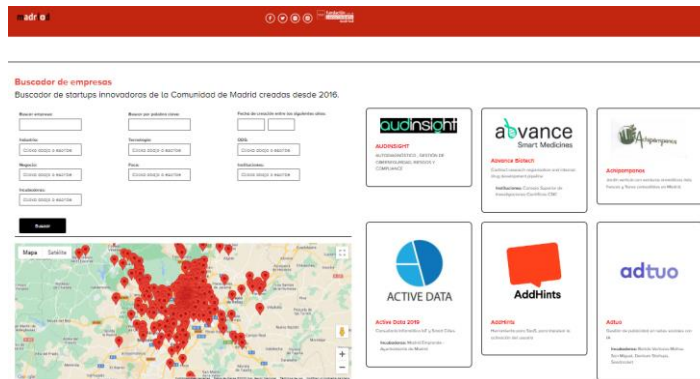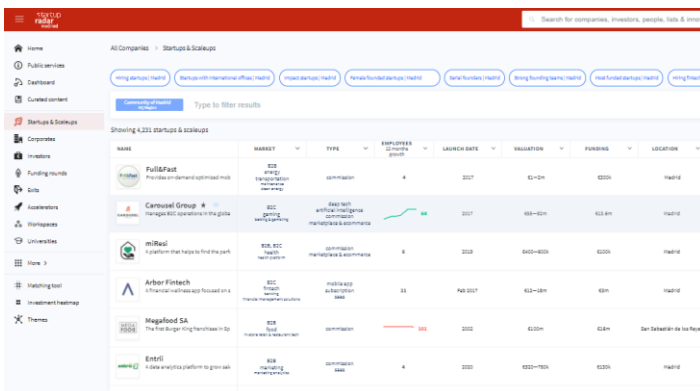In partnership with:

D dealroom.co

The Madrid Region Startup Ecosystem Platform

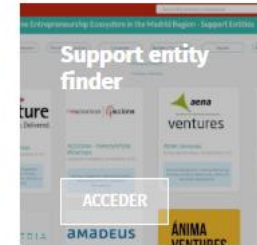**Ecosystem Platforms:
Tools, Maps and Databases**

Platform on Dealroom

Ecosystem Platforms

Dealroom Ecosystem Platform
BROWSE

Startup Map & Finder
BROWSE

Support entity finder
ACCEDER

Reports

Ecosystem Report
BROWSE

Investment Report
BROWSE

Startup Industry Reports
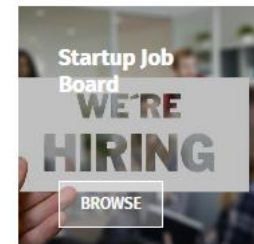BROWSE
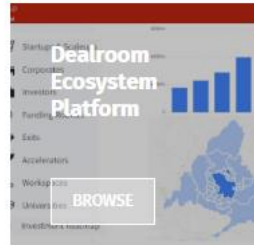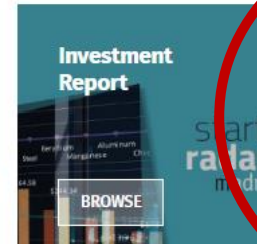
2 Annual reports:

- **Ecosystem Report** (industries, technologies,...)
- **Investment Report**

+ Industry Reports

Startup Tools

Startup Job Board
WE'RE HIRING
BROWSE

Investor Matching Tool
BROWSE

Public Financing for Startups
BROWSE

Tools for startups:

- **Job search**
- **Investors**
- **Public Financing**
- **Events agenda**

PESTEL Factors – Healthtech

Political

- UE4Health (see workplan 2023)
- Cluster 1 HEALTH. Horizon Europe here
- PERTE Salud de Vanguardia 2021 here
- NEOTEC CDTI here
- RIS3 Community of Madrid here
- Biomad I+D+i here
- Cluster Madrid e-Health here

Economic

- Supply crisis
- High inflation / Stagflation
- Rising energy cost
- High health care costs
- Access to financing or investment needs
- Reduced taxes on health products

Sociocultural

- Population aging
- Post-pandemic health awareness
- Growth of wellbeing needs
- Risks of access to public health care
- Morality on invasive health advances

Technological

- Expenditure and support on R&D for Health technological development
- Advances in AI, IoT and other digital and deep technologies in healthcare and biotechnology
- Interoperability and cybersecurity for medical and health care data
- Rapprochement between the researcher, technologist and entrepreneur

Environmental

- Waste disposal programs
- Awareness against climate change
- Recycling culture
- Environmental policies
- Sustainable and low emission awareness

Legal

- Ley de Startups 2022
- RD 192/2023, productos sanitarios
- RD 1090/2015; ensayos clínicos con medicamentos
- Reglamento para crear el Espacio Europeo de Datos Sanitarios
- Modelos de utilidad; Patente nacional; Patente Europea
- Legal liability in the event of health problems caused by technologies

Challenges – Healthtech startups

- **Regulations and Compliance:** Startups must comply with strict regulations at both the national and international level to ensure the safety and efficacy of products and services.

- **Reimbursement and Financing:** Obtaining Financing and Reimbursement from healthcare systems and insurers can be a lengthy and complicated process for startups.

- **Secure management of healthcare data.** Startups must comply with data privacy regulations, such as GDPR in the EU, and ensure the security of patient information.

- **User and Healthcare Professional Adoption:** Resistance to change and the need to demonstrate clear benefits to physicians, patients and other healthcare professionals are key factors.

- **Interoperability** between existing healthcare systems and new technologies

- **Competition:** Startups must differentiate themselves and demonstrate their unique value in the market.

- **Ethics of Artificial Intelligence (AI):** Companies must address responsibly i.e. automated decision making and data privacy.

- **Evidence:** Demonstrating the efficacy and safety of new products and therapies through rigorous clinical studies .

- **Regulatory Approval** from regulatory agencies, such as the FDA or the EMA, can be a lengthy and costly process.

- **Expansion into international markets** can be complicated by regulatory and cultural differences and also by specific market needs

Sources: own elaboration

Research lines – Healthtech

Digital Health

- Telemedicine And Smart Devices For Chronic Patient Care
- Devices for the improvement of movement in people with nervous system impairment.
- Monitoring of elderly and dependent persons
- Monitoring of patients and environmental variables
- Motivation and acceptance of the use of technology in elderly people
- Decision support system for diabetes

Personalized medicine

- ICT for personalized medicine
- Personalized allergy treatment
- Serious physical rehabilitation games
- Personalized cancer therapy
- Genetic test data reuse and integration
- Promotion of healthy lifestyles and cardiometabolic risk prevention
- Neurological pathologies rehabilitation therapies

Advanced Diagnostics

- Optical biosensors, biochemical diagnostic systems
- Chronic allergy diagnostics
- Point-of-Care and Point-of-Need devices
- Detection and prevention of social isolation
- Early detection of resistant infectious diseases
- Wearables and algorithms for diagnostics based on movement patterns
- Coding of clinical data with terminologies
- Early detection of epileptic seizures
- Serious games for detection of neurological disorders

Brain Health

- Alzheimer's, Parkinson's, Epilepsy
- Neuroimaging
- Understanding memory impairment in aging and dementia
- Wireless power transmission in implanted devices for epilepsy and Parkinson's disease
- Acoustics and Neuroscience
- Computational neuroscience
- Biomarkers immunotherapy
- Nutritional differences and cognitive monitoring
- Prevention and detection of cognitive impairment through analysis of mobile application use

Sources: UPM Health Tech

Research lines – Healthtech

Surgery of the future

- Real-Time Hyperspectral Imaging for Intraoperative Brain Tumor Detection
- Image-Guided Therapies for Safer Minimally Invasive Surgeries
- Telesurgery
- Wireless Operating Room
- Colorectal Biomarker Detection in Breath and Blood
- Robotics in the operating room
- Image-based tracking and navigation for surgery assistance through augmented and mixed reality
- New techniques for processing and analyzing laparoscopic images and videos
- Recharging the battery of implantable devices by means of light

Nanomedicine

- Micro- and nanophotonic applications for diagnostics
- Functionalization and biofunctionalization of surfaces
- Detection by label-free technology
- Protein isolation
- Allergen identification
- Allergy diagnosis using microarrays
- Stimuli-sensitive multifunctional nanocarriers

Advanced therapies

- Manufacture of gels for drug or cell vehicles
- Physical exercise in specific populations
- Electroceuticals for neurological and psychiatric diseases
- Standardization methods for classification of clinical procedures
- Radiomatic therapy monitoring
- Organs and tissues on a chip
- In vitro platforms for cellular análisis
- Artificial pancreas
- Rehabilitation of musculoskeletal injuries

Regenerative medicine

- Laser Techniques for Tissue Engineering
- Biofunctionalization of prosthesis
- Fabrication of functionalized scaffolds
- Cell and tissue characterization
- Fiber fabrication for tendon and ligament regeneration

Sources: UPM Health Tech

Some opportunities for startups in Healthtech

- **Telemedicine and virtual care:** Telemedicine platforms, virtual care tools and electronic medical record management solutions.

- **Mental health and wellness:** Developing applications and services for monitoring, diagnosing and treating mental health problems, as well as promoting emotional wellness.

- **AI and health data analytics:** AI and data analytics can be used to improve clinical decision making, early disease diagnosis and healthcare management. Advanced algorithms and data analytics tools for the healthcare sector.

- **Wearables:** Devices such as smart watches and sensors, offer opportunities for continuous health monitoring, data collection and early disease diagnosis.

- **Medical robotics:** Robotics are used in surgery, rehabilitation and long-term care. Surgical robots, rehabilitation assistants and assistive devices for people with disabilities.

- **Precision medicine:** Focuses on personalized treatments based on genetics and the development of patient-specific therapies.

- **Digital health for the elderly:** The aging population creates opportunities in the development of digital health technologies for seniors, as well as solutions for home care.

Some opportunities for startups in Healthtech

✚ **Blockchain in healthcare:** Blockchain technology can improve the security and interoperability of health data in electronic medical records.

✚ **Global health:** Solutions such as mobile telemedicine to improve access to healthcare in remote areas and infectious disease tracking applications.

✚ **Digital medical education and training:** Online medical education and digital training platforms for healthcare professionals are growth areas.

✚ **Women's health:** applications for fertility management, pregnancy monitoring and women's health support.

✚ **Health economics and cost analytics:** Tools and platforms to help healthcare systems manage costs, improve efficiency and make data-driven decisions.

✚ **Genomic Editing Therapies:** Gene delivery and genomic editing tools, such as CRISPR-Cas9, open the door to personalized treatments and potential cures for genetic diseases.

✚ **Cell Therapy and Gene Therapies:** offer innovative approaches to the treatment of diseases, such as cancer and rare diseases.

✚ **Biomarkers and Molecular Diagnostics:** The discovery and validation of biomarkers enable earlier and more accurate diagnosis of diseases.

Sources: own elaboration

Some opportunities for startups in Healthtech

- **Precision Medicine:** Precision medicine uses genomic and other data to tailor treatments to individual patient characteristics.

- **Data analysis tools and personalized therapies. Immunotherapy:** Immunotherapy is used in the treatment of cancer and other immunological diseases. Creation of more effective immune therapies.

- **Synthetic Biology:** Synthetic biology involves the construction of new biological systems and the engineering of microorganisms for industrial, medical and environmental applications.

- **Regenerative Medicine:** Focuses on the repair or replacement of damaged tissues and organs.

- **Drug Development and Drug Discovery:** Startups can focus on identifying therapeutic targets and designing molecules.

- **Bioinformatics and Genomic Data Analysis:** Key in the interpretation of genomic data and the identification of health-relevant patterns and associations.

- **Microbiome and Microorganism Therapy:** The study of the human microbiome and therapy with microorganisms (such as probiotics) have applications in digestive health and beyond.

Healthtech startup support entities in Madrid Region

ECOSYSTEM HEALTHTECH

Public Incubators, Accelerators & R&D Institutions

Selected corporate & private Accelerators & Facilitators

Support to Madrid HEALTHTECH startups

>5 startups supported

1 startup supported

Incentives and State Aid

Public financial instruments for Startups

PERTE for state-of-the-art Health

EU4Health

Jobs created by startups in Healthtech (2023YTD)
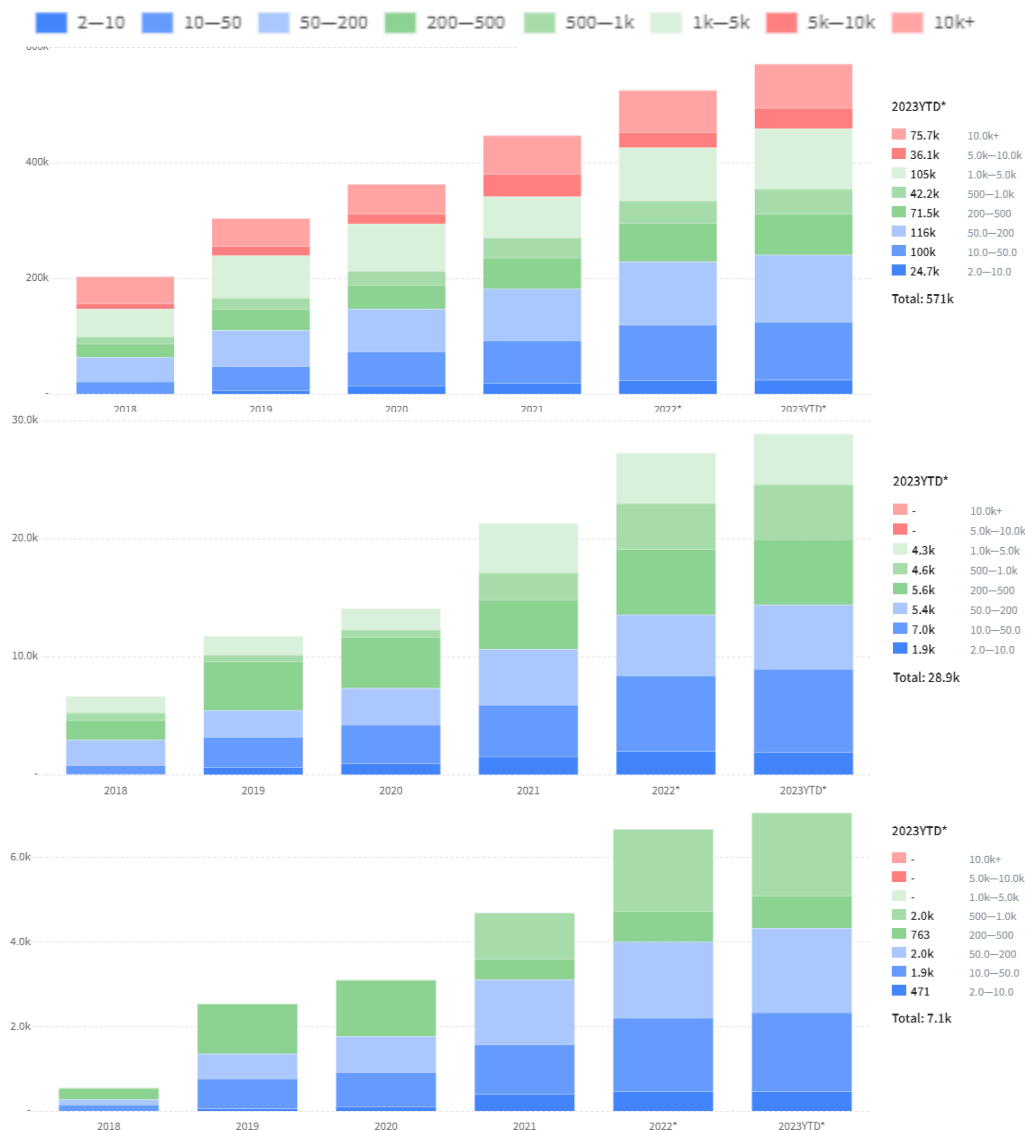
⊕ **Europe**

14,844 startups

Jobs: 571 K

⊕ **Spain**

1,123 startups (7.6% of Europe)

Jobs: 28.9 K (5% of Europe)

⊕ **Community of Madrid**

309 startups (27.5% of Spain)

Jobs: 7.1k (24.6% of Spain)

Source: Startup Radar madri+d data and Dealroom for Europe, Spain and Community of Madrid

Total valuation of Healthtech startups (2023YTD)
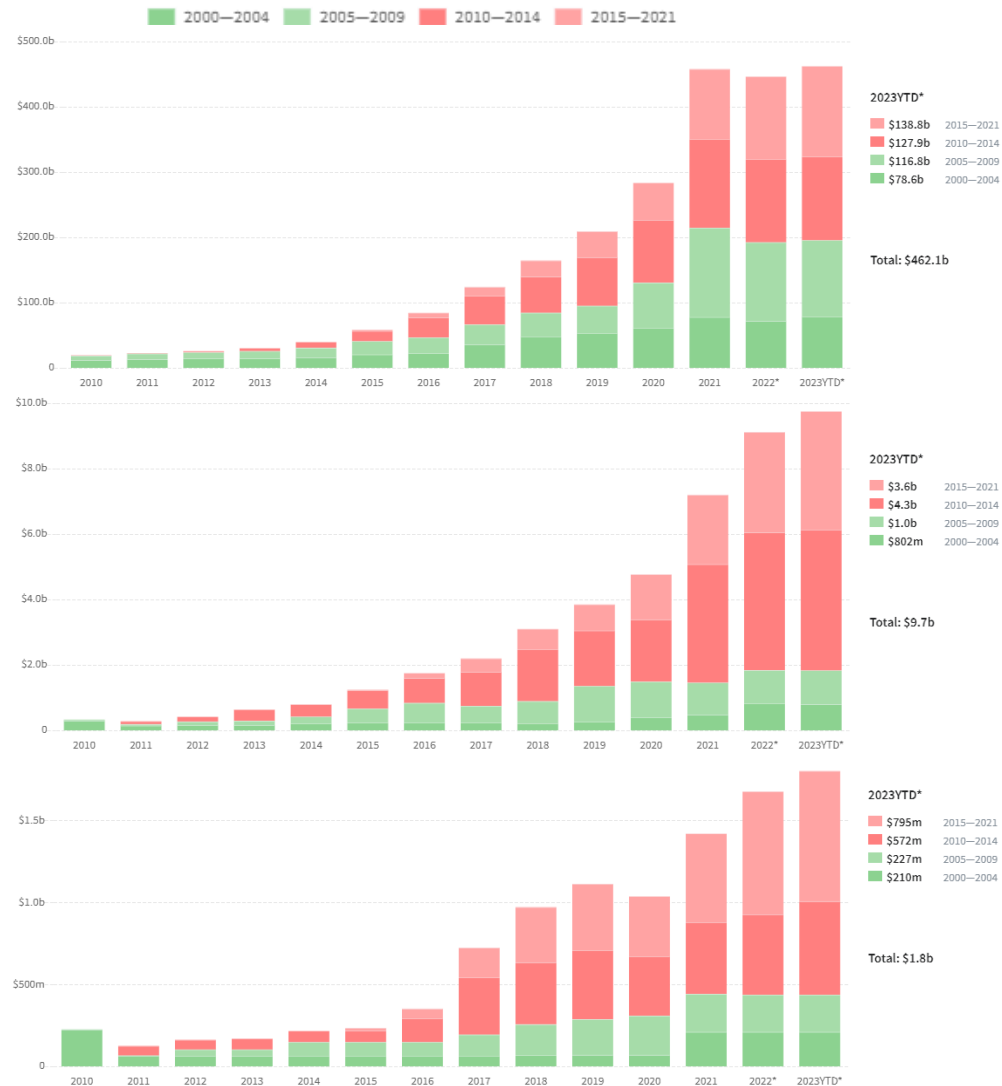
⊕ Europe

462,100 M$

⊕ Spain

$ 9,700 M (2% of european startups valuation)

⊕ Community of Madrid

$ 1,800 M (18.6% of spanish startups valuation)

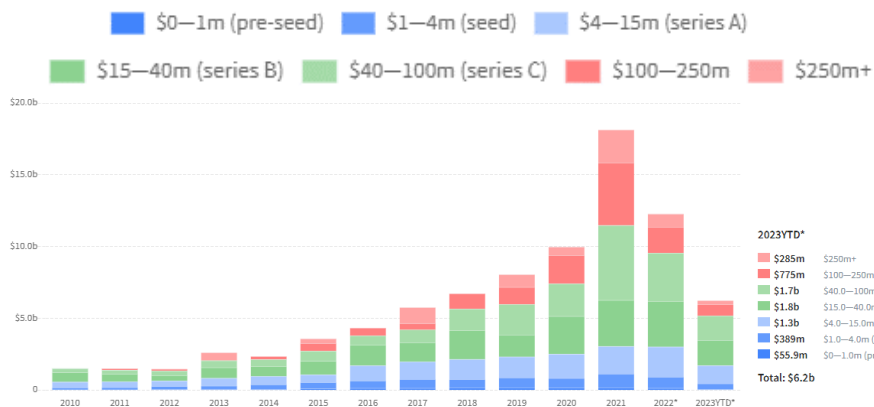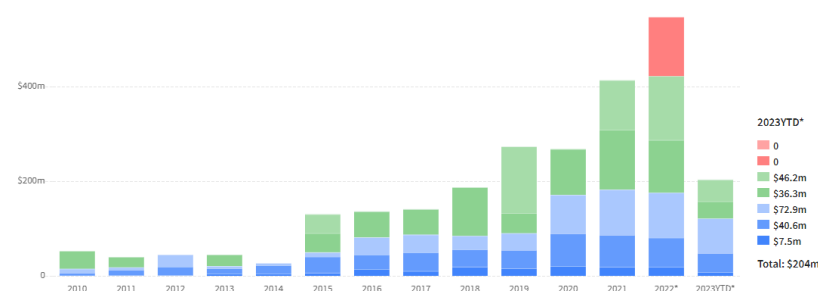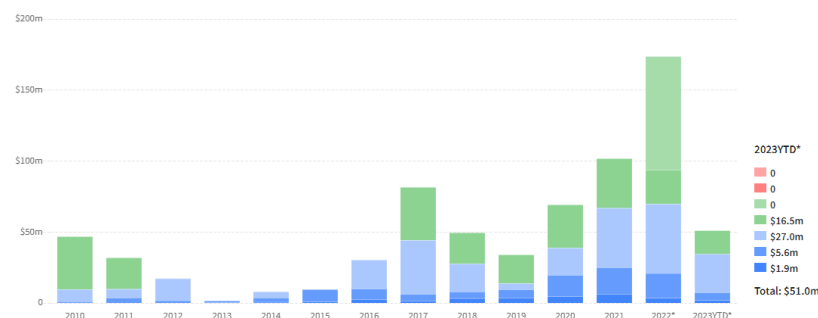# Investment obtained by Healthtech startups (2023$_{YTD}$)

⊕ Europe

$ 12,300 M (2022)
$ 6,200 M (2023$_{YTD}$)

⊕ Spain

$ 547 M (4.4% of Europe in 2022)
$ 204 M (3.3% of Europe in 2023$_{YTD}$)

⊕ Community of Madrid

$ 174 M (31.8% of Spain in 2022)
$ 51 M (25% of Spain in 2023$_{YTD}$)

Source: Startup Radar madri+d data and Dealroom for Europe, Spain and Community of Madrid

Some investment data on startups in the sector in Madrid

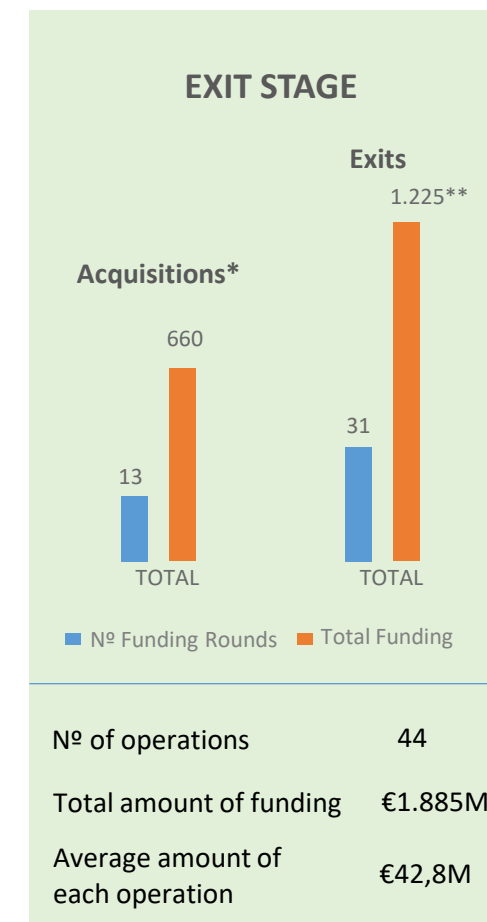### List of 2022/2023 Funding Rounds

NAME		LAST ROUND	VALUATION	DATE
◆	**Atrys Health** Biomedical company dedicated to...	€72.5m PRIVATE PLACEMENT VC	€37—55m	Jun 2022
SAVANA	**Savana** Savana is a unique company at lev...	€22.0m LATE VC	€89—132m	Apr 2022
Cocoon	**Cocoon Bioscience** Specializes in the manufacturing o...	€15.0m EARLY VC	€60—90m	Mar 2023
❖	**Idoven** AI-powered detection and precisio...	€12.0m SERIES A	€48—72m	Jun 2022
life5	**Life5 (formerly Getlife)** Fast and flexible online life insura...	€10.0 SERIES A	€40—60m	Jun 2023
ifeel	**ifeel** Offering the all-in-one emotional ...	€10.0m SERIES A	€40—60m	Nov 2022
◈	**Wooptix** Creates light field and wavefront p...	€10.0m SERIES B	€40—60m	Jul 2023
⚛	**TherapyChat** Makes professional support easier...	€6.5m SERIES A	€26—39m	Oct 2022
life5	**Life5 (formerly Getlife)** Fast and flexible online life insura...	€6.0m SEED	€40—60m	May 2022
⬡	**Senniors** Trusted home care for the elderly ...	€5.3m EARLY VC	€21—32m	Dec 2022
⬡ devon	**Devon Labs** Works to solve patients' unmet m...	€4.5m EARLY VC	€18—27m	Jul 2022
mb	**Marsi bionics** Developing disruptive innovative t...	€4.5m EARLY VC	€18—27m	Jun 2023
geodesic	**Geodesic** Technology for the disinfection an...	€3.0m EARLY VC	€12—18m	Feb 2023

List of 166 Investors in the sector sector

List of Exits in startups in the sector

Investment phases of 183 Healthtech funded startups of the Community of Madrid

EARLY STAGE

	SEED	GRANT	EARLY VC	ANGEL	TOTAL
nº Funding Rounds	122	112	51	9	294
Total Funding	81	66	141	4	291

Nº of operations — 294
Total amount of funding — €291M
Average amount of each operation — €0,98 M

BREAKOUT STAGE

	SERIES A	SERIES B	SERIES C	LATE VC	TOTAL
nº Funding Rounds	30	12	2	6	50
Total Funding	233	223	84	58	597

Nº of funding rounds — 50
Total amount of funding — €597M
Average amount of each funding round — €11,4 M

LATE STAGE

	SERIES D	SERIES E	TOTAL
Nº Funding Rounds	1	2	3
Total Funding	185	197	382

Nº of funding rounds — 3
Total amount of funding — €382M
Average amount of each funding round — €127M

EXIT STAGE

Acquisitions*

	TOTAL
Nº Funding Rounds	13
Total Funding	660

Exits

	TOTAL
Nº Funding Rounds	31
Total Funding	1.225**

Nº of operations — 44
Total amount of funding — €1.885M
Average amount of each operation — €42,8M

* Minority acquisitions and other operations

** Only 6 exits with amount in dealroom

Source of Funding Rounds: Startup Radar madri+d data and Dealroom
Source of Exits: Startup Radar madri+d data and Dealroom

Some Madrid Region companies with higher valuations

SAVANA — Is a unique company at leveraging AI to generate global and Deep Real-World Evidence, thus enabling a data-driven healthcare.
97M-145M $ Valuation

Cocoon — Specializes in the manufacturing of high-performance growth factors and enzymes using an automated platform leveraging cocooned insects as natural, low-cost bioreactors.
66M-99M $ Valuation

MedLumics — A pre-commercial, medical device company designing and manufacturing catheter-based systems for treatment of supra-ventricular tachycardias.
79M-119M $ Valuation

overture — A biotechnology company that is aiming to revolutionize embryology.
25M € Valuation

CELLERIX — Biotechnology company developing therapies based on adult stem cells.
25M € Valuation

IDOVEN — AI-powered detection and precision medicine for cardiology.
**25M €** Valuation

Types of clients B2B / B2C and main products

CLIENTS B2B	PRODUCTS
Health care providers	Hospitals, clinics, physician offices and healthcare facilities
Pharmaceutical companies	Research and development services, clinical trials, laboratory technology, supply chain logistics or IT solutions to support drug research and production.
Health insurance companies	Solutions for claims management, insurance data analysis and fraud detection, as well as tools to improve customer service.
Diagnostic laboratories	Equipment and software solutions for laboratory testing, sample analysis and reporting.
Healthcare technology companies	Strategic collaborations or acquisitions to complement their existing offerings.
Governments and public health organizations	Solutions for disease tracking, health emergency management, and population-level health data collection and analysis.
Academic and research institutions	Technology and equipment for conducting scientific research and clinical studies.
Medical device companies	Components, technology or services to incorporate into their own products.
Employee health care providers	Solutions for employee health management, such as wellness programs and workplace health care.
Logistics companies	Supply chain of medical and pharmaceutical products.
Healthcare Consultants	Research and data analysis services to support your projects and analysis.

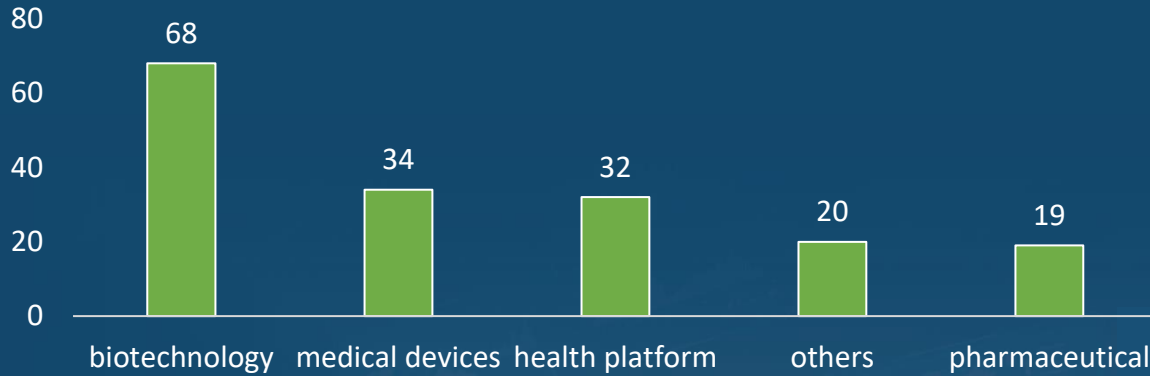| CLIENTS B2C	PRODUCTS
Individual patients and consumers	Primary customers in a B2C model in the healthcare sector. Healthcare services, pharmaceuticals, medical devices, health apps and more.
Family Caregivers	Parents, spouses or children looking for solutions to improve the care and well-being of their loved ones.
Athletes and fitness enthusiasts	Health-related products and services such as fitness tracking apps, nutritional supplements and exercise equipment..
Seniors	Solutions such as home care and health monitoring devices.
Patients with chronic diseases	Specific solutions for the management and monitoring of diabetes, hypertension,...
Mental health service users	Mental health applications, online therapists and telepsychiatry services.
Alternative and complementary medicine users	Herbal medicine, acupuncture or meditation.
Women and women's health	Solutions such as contraception, menstrual cycle tracking and prenatal care.
Wellness and lifestyle customers	Services related to nutrition, fitness, beauty and wellness.

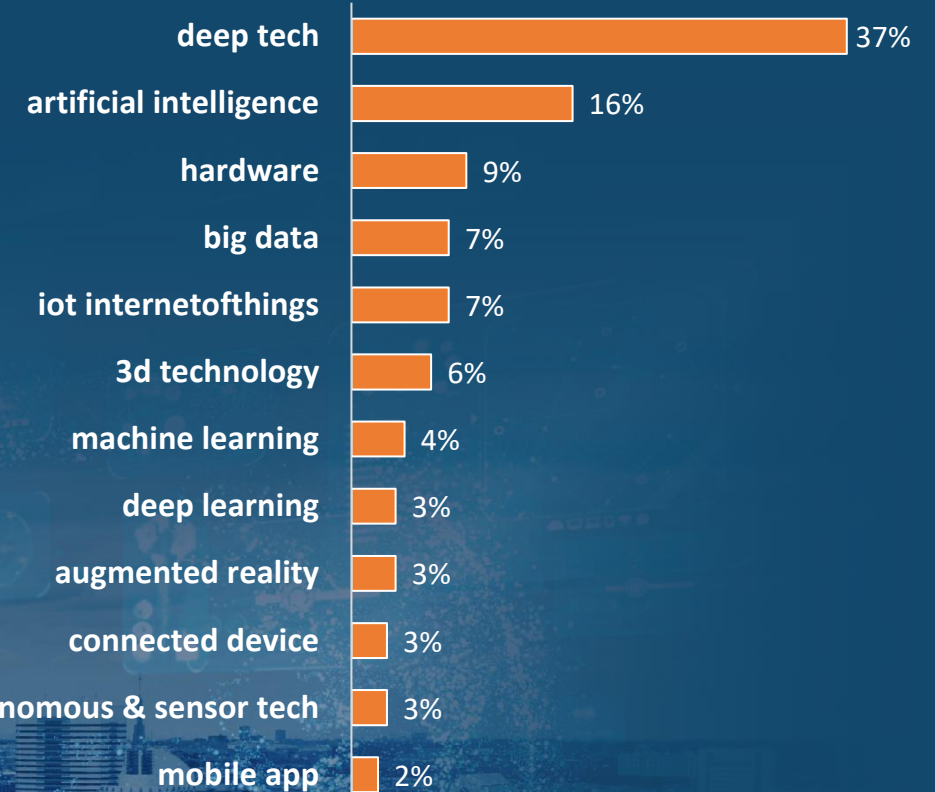**TYPES OF CLIENTS**
(Healthtech Madrid startups)

13% · 25% · 62%
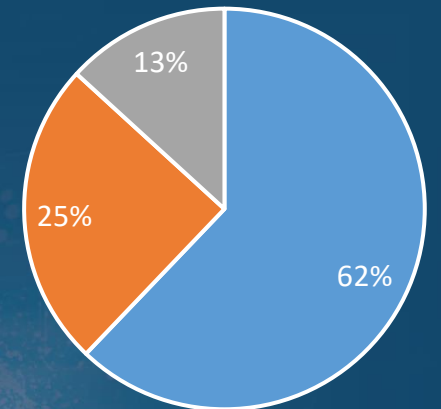
☐ B2B ☐ B2C ☐ B2B & B2C

B2B: Sub Industries, technologies, revenue models and growth stage

B2B by sub industry (nr. of startups)

- biotechnology: 68
- medical devices: 34
- health platform: 32
- others: 20
- pharmaceutical: 19

B2B startups by technology

- deep tech: 37%
- artificial intelligence: 16%
- hardware: 9%
- big data: 7%
- iot internetofthings: 7%
- 3d technology: 6%
- machine learning: 4%
- deep learning: 3%
- augmented reality: 3%
- connected device: 3%
- autonomous & sensor tech: 3%
- mobile app: 2%

B2B revenue models

- manufacturing: 58%
- manufacturing & saas: 17%
- marketplace & ecommerce: 4%
- saas: 21%
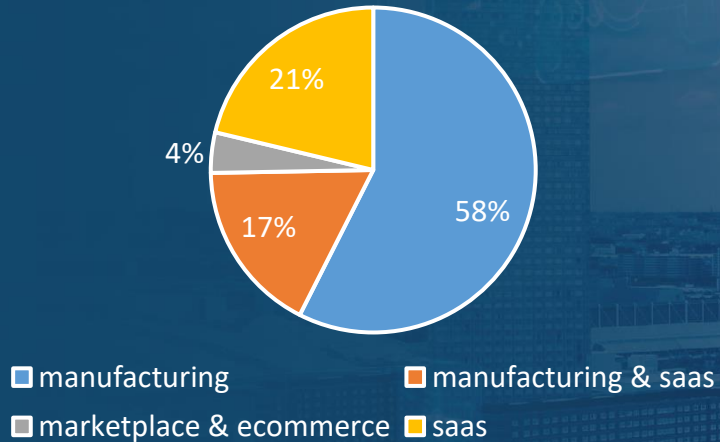
Growth phase of B2B startups

- early growth: 34%
- late growth: 16%
- seed: 50%
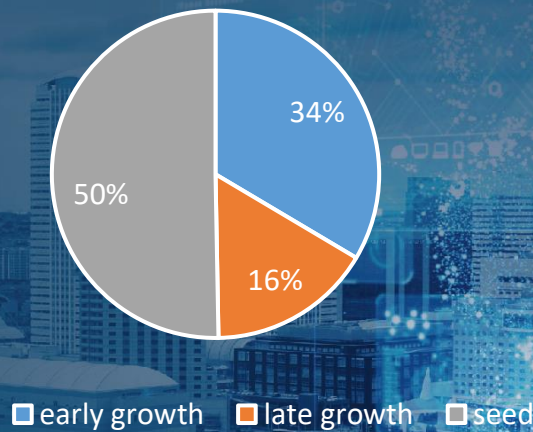
B2C: Sub Industries, technologies, revenue models and growth stage

startup radar madri+d

B2C by sub industry (nr. of startups)

- health platform: 33
- medical devices: 13
- others: 12
- biotechnology: 5
- pharmaceutical: 5

B2C startups by technology

- augmented reality: 34%
- mobile app: 18%
- deep tech: 16%
- hardware: 10%
- big data: 7%
- deep learning: 7%
- artificial intelligence: 5%
- connected device: 2%
- 3d technology: 2%
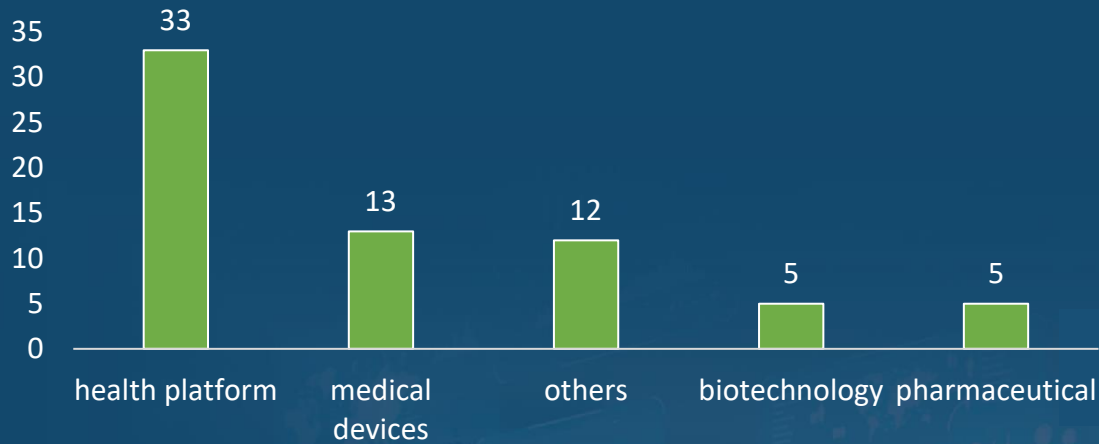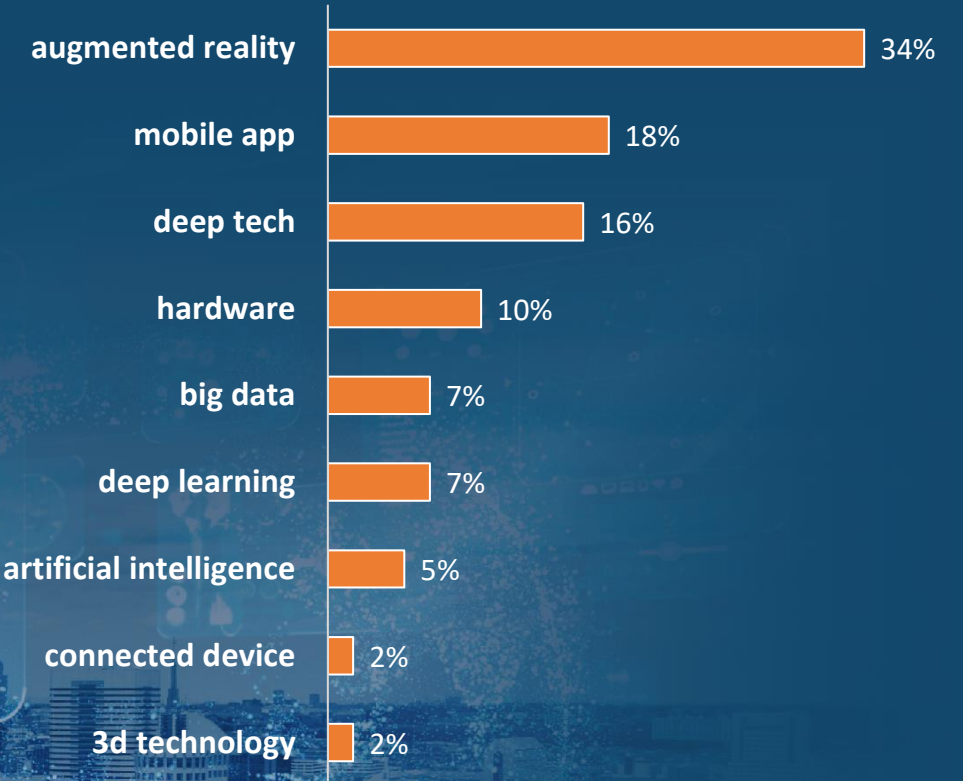
B2C revenue models

- manufacturing: 18%
- marketplace & ecommerce: 53%
- saas: 29%
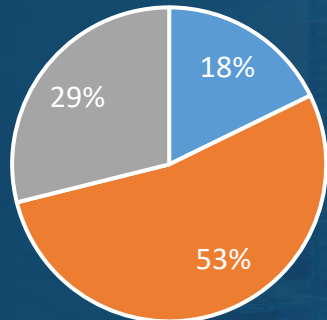
Growth phase of B2C startups
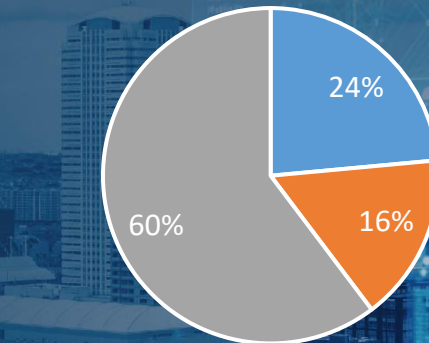
- early growth: 24%
- late growth: 16%
- seed: 60%

HEALTHTECH
STARTUPS
OF THE COMMUNITY
OF MADRID

BY TYPE OF
CLIENT (B2B)
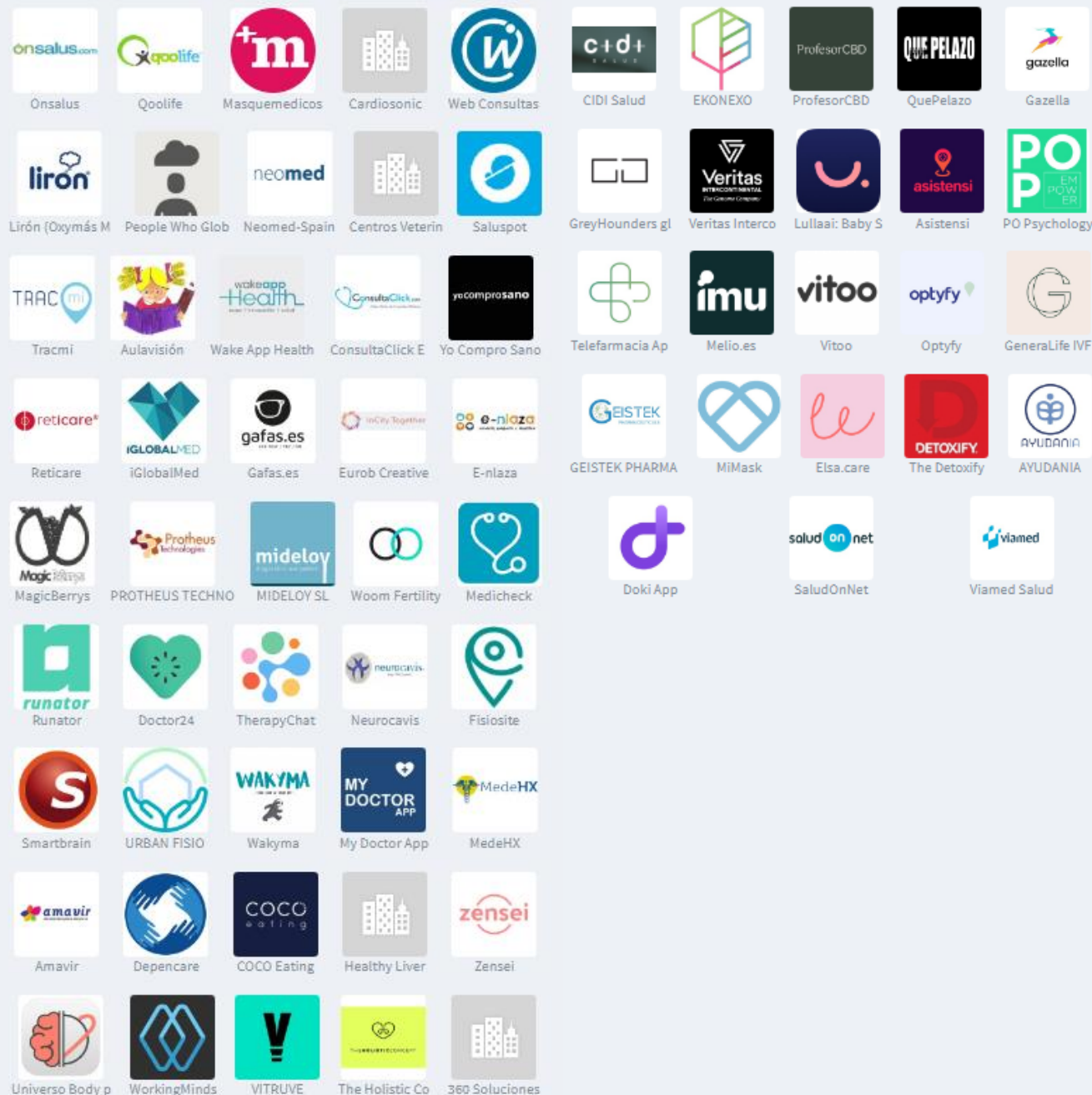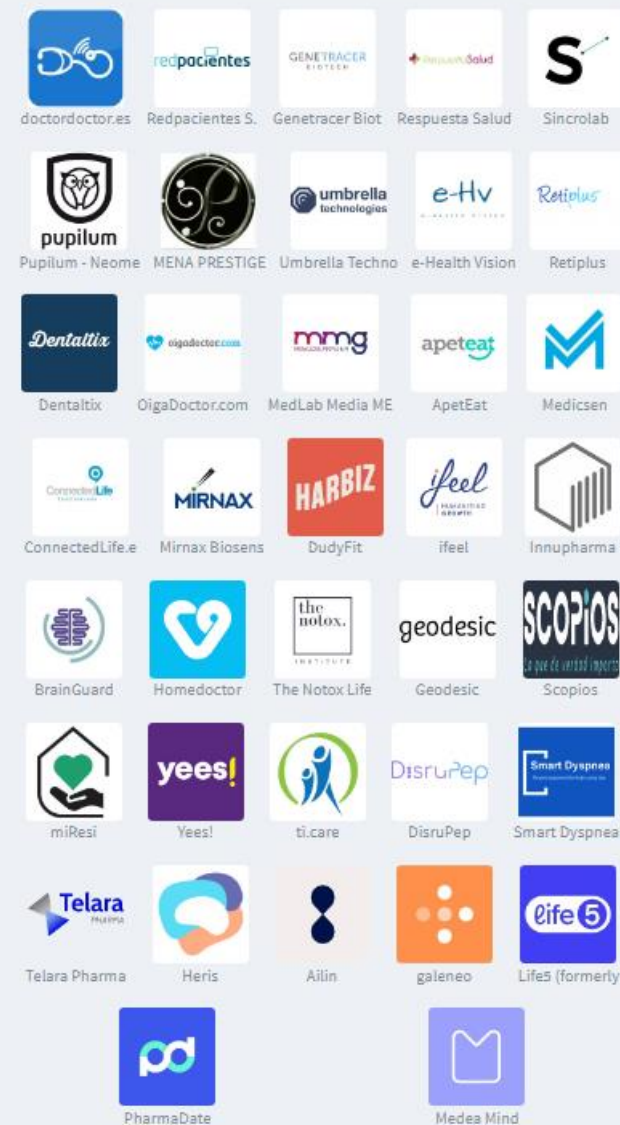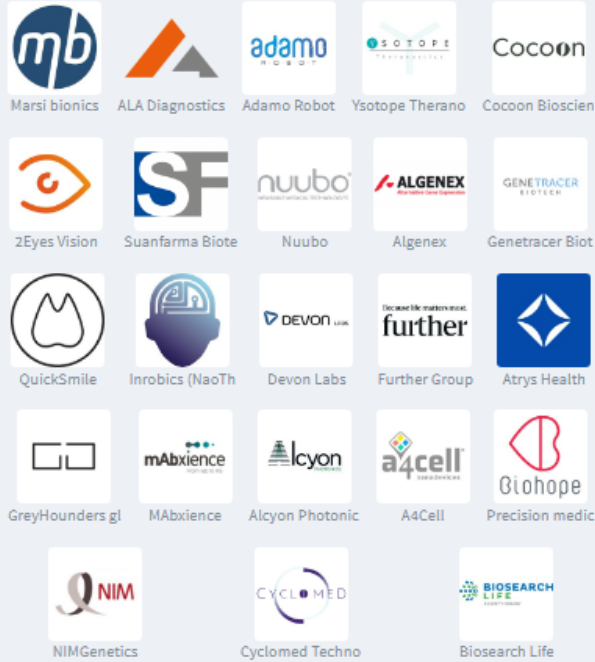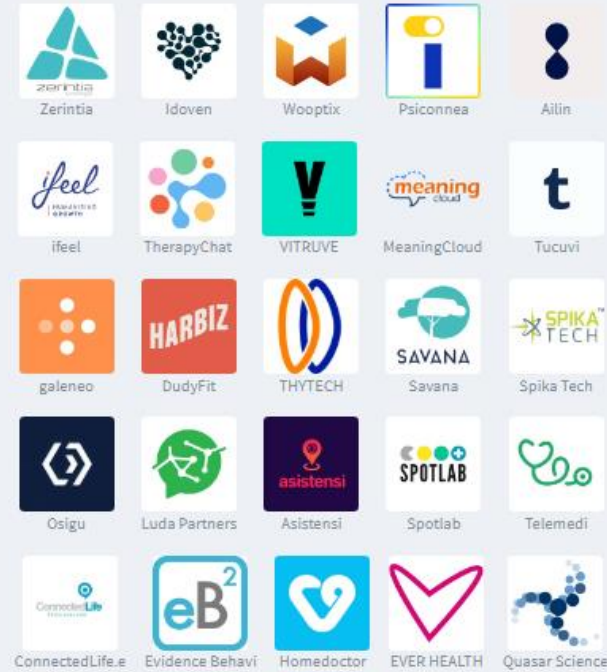
See *Landscape* on
Startup Radar madri+d
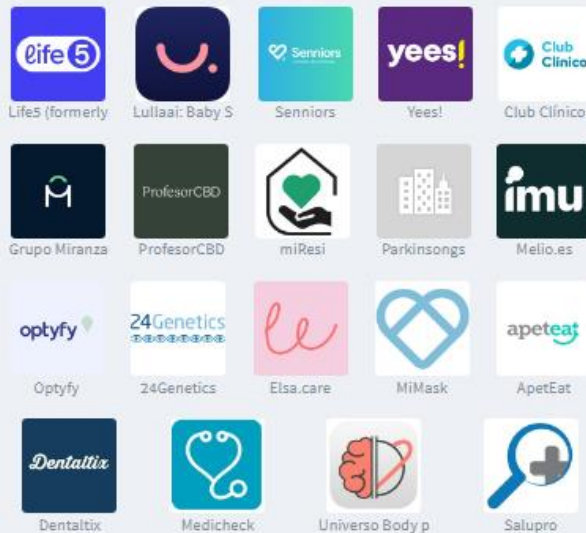
HEALTHTECH STARTUPS
OF THE COMMUNITY OF MADRID

BY TYPE OF BUSINESS MODEL

**See *Landscape* on
Startup Radar madri+d**

Types of products and services

➕ BIOTECHNOLOGY

- **Genomic Editing Therapies:** Modification of genes to treat genetic diseases.
- **Cell Therapy and Gene Therapies:** Therapies that use stem cells or genetic modifications to treat diseases.
- **Vaccine Development:** Research and development of vaccines for a variety of diseases.
- **Bioproduct Production:** Production of therapeutic proteins, monoclonal antibodies and other biological products.
- **Pharmaceutical biotechnology:** Use of biotechnology to develop protein-based drugs, monoclonal antibodies and gene therapies.

➕ HEALTH PLATFORMS

- **Telemedicine and Online Consultations:** Platforms that allow patients and physicians to connect for online medical consultations.
- **Electronic Health Records (EHR):** Electronic health record systems used to store and manage patient medical records digitally.
- **Mobile health apps:** Mobile apps for health tracking, medication management and wellness promotion.
- **Mental health platforms:** online platforms offering mental health, therapy and emotional support services.
- **Physical activity tracking platforms:** Apps and devices that allow users to track their physical activity and health.
- **Enterprise telemedicine platforms:** Solutions for companies that offer healthcare and wellness services to employees.
- **Health information platforms:** Platforms that provide health information, resources and decision-making tools for consumers.

➕ MEDICAL DEVICES

- **Diagnostic devices:** Equipment used for the diagnosis of disease, such as MRIs, CT scans and blood tests.
- **Medical implants:** Implantable devices such as pacemakers, prostheses, intraocular lenses.
- **Health monitoring devices:** Portable devices for continuous health monitoring, such as glucose monitors, blood pressure monitors and heart rate monitors.
- **Medical instrumentation:** Equipment used in medical procedures, such as endoscopes, surgical lasers and anesthesia machines.
- **Rehabilitation devices:** Equipment and devices used in physical therapy and rehabilitation, such as exoskeletons and occupational therapy devices.
- **Life support devices:** Equipment used in intensive care units, such as ventilators and vital sign monitors.
- **Medical imaging devices:** Equipment for medical imaging, i.e.X-ray machines, ultrasounds.
- **Assistive mobility devices:** Motorized wheelchairs, mobility devices and assistive products.

➕ PHARMACEUTICAL

- **Drugs and drug therapies:** Drugs for a wide variety of diseases and medical conditions.
- **Clinical research:** Conducting clinical trials to test the efficacy and safety of new drugs and therapies.
- **Over-the-counter (OTC) products:** Products available without a prescription, such as pain relievers, antihistamines and dietary supplements.
- **Skin care and beauty products:** Pharmaceutical and cosmetic skin care products, including creams, lotions and anti-aging treatments.
- **Women's health products:** Pharmaceuticals related to women's health, such as contraceptives and hormone therapies.
- **Oral health care products:** Pharmaceutical and dental products, such as toothpastes, mouthwashes and teeth whitening products.

HEALTHTECH STARTUPS
OF THE COMMUNITY OF MADRID

BY TYPE OF PRODUCT OR SERVICE

See *Landscape* on
Startup Radar madri+d

biotechnology

Adamo Robot	Ysotope Therano	Cocoon Bioscien	Suanfarma Biote	Algenex
MeaningCloud	Atrys Health	THYTECH	Veritas Interco	Solutex
A4Cell	Precision medic	NIMGenetics	Cyclomed Techno	Corify Care
Pharmactive Bio	Overture Life	Leadartis	24Genetics	Life length
AptaTargets	Nostoc Biotechn	Mecwins	Quasar Science	Infarmate

pharmaceutical

Vitoo	Attana AB	Evolufarma	MIDELOY SL	Ankar Pharma
TCD Pharma	ProRetina Thera	Diomune	Vivotecnia Rese	PharmaDate
DisruPep	The Detoxify	MovumTech	Bisiona	Innupharma
GEISTEK PHARMA	Synthelia	Aorahealth.com	WorkingMinds	

health platform

Zerintia	Idoven	Lullaai: Baby S	Psiconnea	Medicsen
Ailin	Yees!	ifeel	TherapyChat	Club Clínico
Grupo Miranza	Tucuvi	Further Group	galeneo	Woom Fertility
DudyFit	Savana	ProfesorCBD	Spika Tech	Osigu
miResi	Luda Partners	Asistensi	Parkinsongs	

medical devices

Marsi bionics	ALA Diagnostics	2Eyes Vision	Nuubo	QuickSmile
Inrobics (NaoTh	GreyHounders gl	Alcyon Photonic	Spotlab	Medlumics
Foren Project,	Surgescope	VidaApp	Somax Systems	Vooiage

Main Health technologies

- ✚ **Artificial Intelligence (AI):** AI is used for medical data analysis, clinical decision making, medical imaging diagnosis, disease prediction and personalized care.
- ✚ **Machine Learning:** Is a branch of AI used to develop algorithms that can learn and improve from data. It is applied in medical diagnostics, health outcomes prediction and patient data management.
- ✚ **Natural Language Processing (NLP):** NLP is used to analyze and understand human language in electronic medical records, patient reports and customer service chatbots.
- ✚ **Internet of Things (IoT):** IoT-connected medical devices, such as wearable health monitors, collect real-time data that can be used for patient monitoring and health management.
- ✚ **Blockchain:** Is used to ensure the security and integrity of healthcare data, such as electronic medical records and immunization records.
- ✚ **Virtual Reality (VR) and Augmented Reality (AR):** These are used in medical training, rehabilitation therapy and surgery planning.
- ✚ **Telemedicine:** Enable online medical consultations and remote patient monitoring.
- ✚ **Medical robotics:** Robots are used in assisted surgery, rehabilitation and assistance to people with disabilities.

- ✚ **Advanced biotechnology:** Includes techniques such as genome editing and gene therapy to develop personalized treatments.
- ✚ **Bioinformatics:** Used for the analysis and interpretation of genomic and proteomic data.
- ✚ **Cloud Computing:** Enables secure storage of medical data and access to processing resources for data analysis applications.
- ✚ **3D Printing:** Used in the fabrication of anatomical models, customized prostheses and medical devices.
- ✚ **Biometric sensors:** Used to measure physiological signals, such as heart rate and body temperature.
- ✚ **Remote monitoring technologies:** Enable the tracking of patients in their home environment and the transmission of data to healthcare professionals.
- ✚ **Genomic sequencing technology:** Used in medical research and genetic diagnosis.
- ✚ **Telecare and home automation:** Technologies that enable the elderly to live independently and receive care at home.
- ✚ **Medical imaging sensors:** Includes technologies such as computed tomography, magnetic resonance imaging and ultrasonography.
- ✚ **Health information technology (HIT):** Electronic health record (EHR) management systems and care management tools.
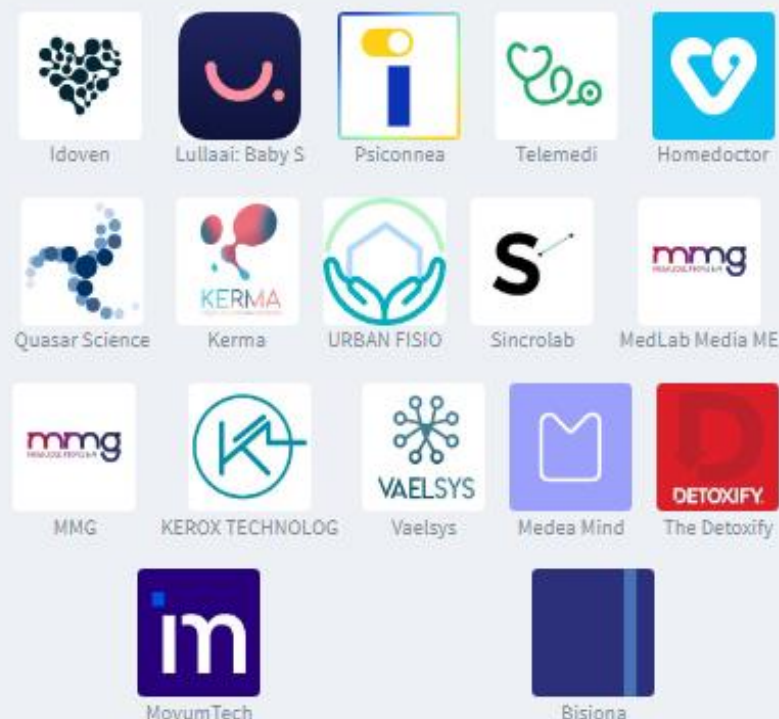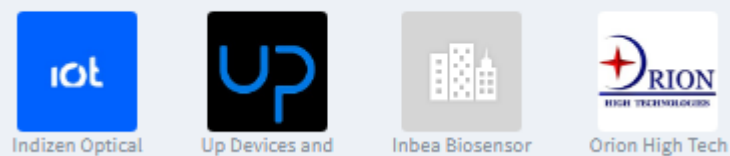
deep tech

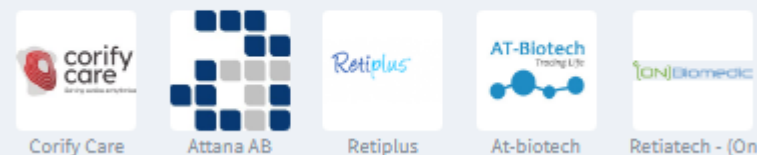|				
Zerintia	Wooptix	Marsi bionics	Adamo Robot	Ysotope Therano
Cocoon Bioscien	Medicsen	2Eyes Vision	Nuubo	Inrobics (NaoTh
Tucuvi	THYTECH	Savana	Alcyon Photonic	Spika Tech
A4Cell	Precision medic	Cyclomed Techno	Pharmactive Bio	Melio.es
Spotlab	Medlumics	Foren Project,	Evidence Behavi	Surgescope

big data

ConnectedLife.e	VidaApp	Real Life Data	Eris Innovation	ti.care
Dimor Projects,	NOLOGIS	Happiness Techn		

artificial intelligence

Idoven	Lullaai: Baby S	Psiconnea	Telemedi	Homedoctor
Quasar Science	Kerma	URBAN FISIO	Sincrolab	MedLab Media ME
MMG	KEROX TECHNOLOG	Vaelsys	Medea Mind	The Detoxify
MovumTech				Bisiona

iot internetofthings

Indizen Optical	Up Devices and	Inbea Biosensor	Orion High Tech

hardware

Corify Care	Attana AB	Retiplus	At-biotech	Retiatech - (On

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HEALTHTECH STARTUPS
OF THE COMMUNITY OF MADRID

BY TYPE OF TECHNOLOGY

**See *Landscape* on
Startup Radar madri+d**

virtual reality

Foren Project,	Vooiage	Navandu Technol	Universo Body p

nanotech

Nanoinnova Tech	Umbrella Techno	Water Enhanceme	Bonsai Advanced

3d technology

Wooptix	Digital Anatomi	Precision medic	Inneva Pharma

connected device

Nuubo	Zerintia	Tracmi

mobile app

AYUDANIA	VITRUVE	galeneo	Woom Fertility	DudyFit
Parkinsongs	Optyfy	BrainGuard	Gazella	Eurob Creative
PharmaDate	Zensei	GeneticAI	Telefarmacia Ap	Navandu Technol
E-nlaza	Wakyma	My Doctor App	Wake App Health	

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HEALTHTECH STARTUPS
OF THE COMMUNITY OF MADRID

BY TYPE OF TECHNOLOGY
(cont.)

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