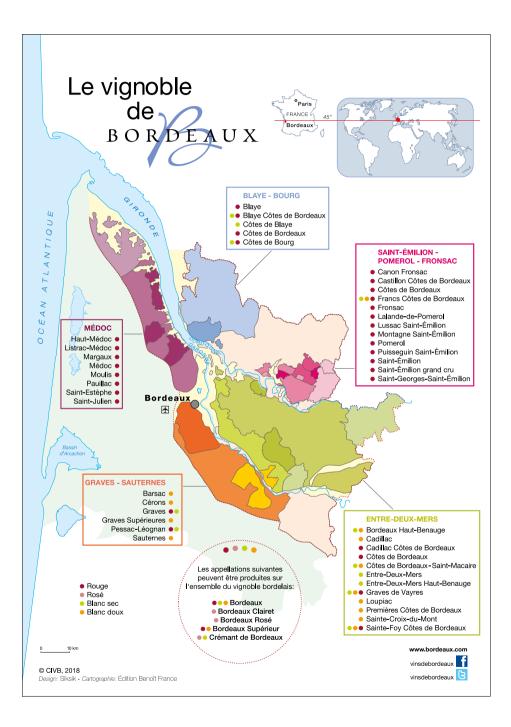
Economic Profile Bordeaux Gironde - France





THE VINEYARDS OF BORDEAUX





CONTENTS

Bordeaux Vineyards Map	
Economy and Employment	4
The County of Gironde Map	5
SNCF Rail Network Map	6
Air and Road Network Map	
A Region for Enterprise	8 / 9 / 10
Business Welcome Map	11
Businesses	12
Innovations	
Social And Inclusive Economy	
Research	
Higher Education	
Economic Sectors Chart	17
Aeronautics /Space/Defense	
Digital Activities	
Electronics /Photonics	
Technologies Of The Future	
Health / E-Health	
GreenTech	
Wood Sector / Sustainable Building	
Chemistry / Materials	
Wine Sector	
Agro-Food	
Tourism and Business Centers	
Finance - Fintech	
Logistics	
Metropolitan Express Rail Network Map	
Bordeaux Tram Network Map	
Invest in Bordeaux	
Our Key Members	

ECONOMY AND EMPLOYMENT

Nouvelle-Aquitaine, 3rd ranking region for wealth creation (GDP in 2020)

Bordeaux, 1st ranking city for workers (2022, Great Place to Work)

 $\mathbf{1}^{st}$ ranking city for entrepreneurs and start-ups (Le Figaro)

2nd ranking city for business creation in 2021 (30 businesses created per 1,000 inhabitants) World N°1 region for AOC appellation wine production

France's 3rd ranking aeronautics basin

HR and human capital

Nouvelle-Aquitaine, 3rd most populated region

 Gironde, 3rd ranking metropolitan department for demographic growth, +20,000 inhabitants per year

 One new arrival in five comes from the Ilede-France region (22%)

▶ **Gironde**, 5nd ranking department for job creation (Trendeo 2022)

Bordeaux, 3nd ranking area for job creation (Trendeo 2022)

 Employment growth in 2021: Gironde: +4.9%, Bordeaux Métropole: +5% (Urssaf)

 More than 11,500 hiring intentions in 2022 in the Bordeaux Métropole area, in 135 companies

International opening

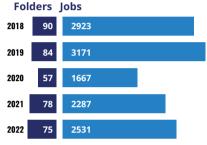
• Exports from Gironde: upswing in 2021 (+34.5% in one year)

▶ 56 consulates and diplomatic representatives including the USA, UK, Germany, Spain, etc.

▶ A network of cooperations and twin-towns (Bilbao, Bristol, Land de Hesse, Los Angeles, Madrid, Munich, Porto, Quebec, etc.)

Company location in Gironde in the last 5 years

(Invest in Bordeaux)

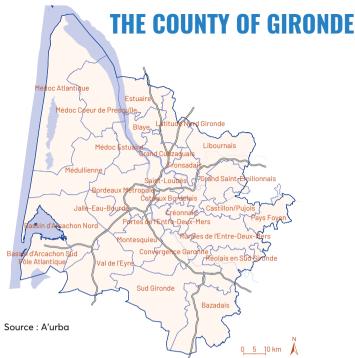


Major names located in Bordeaux in the last 5 years, supported by Invest in Bordeaux:

Ubisoft, Deezer, Hermès, OVH, ManoMano, Microsoft, Back Market, Macif direct, Sophia Genetics, BNP BDDF, Betclic Group, Mirakl, Intuitive Surgical, One Point, Safran Additive Manufacturing Campus, ACC, Arkea, Google, Stellar Télécommunications, Dedalus, Aerospacelab, etc.

	Nouvelle-Aquitaine	Gironde	Bordeaux Métropole
Density (pop. /km²)	71,2	162,8	1 407
Population per million in 2020 Average annual growth 2014-2020	6,03 +0,4%	1,63 +1,2%	0,82 +1,2%
Total employment in the workplace, 2020*	2 365 384	688 507	432 398
Employees end 2021** Growth rate 2020 -2021 Industry Employees 2 st quarter 2022 Annual growth 1 st quarter 2021-2022	1 499 400 +4,5% 244 000 1 509 500 +3,8%	486 600 +5,1% 56 900 489 900 +4,1%	319 996 +4.6 % 32 854 331 755 +4.7 %
N° of establishments* Industry (% of total) Building Trade, transport, hospitality / catering Services	563 627 8,8% 12,4% 28,2% 50.6%	178 324 5,7% 12,2% 27,5% 54,6%	98 353 4,4 % 9,8 % 27,2% 58.6%
Business creation (incl. self-employed) - 2021 Growth rate 2020-2021	83 864 +21%	31 513 +21%	19 154 +19,7%

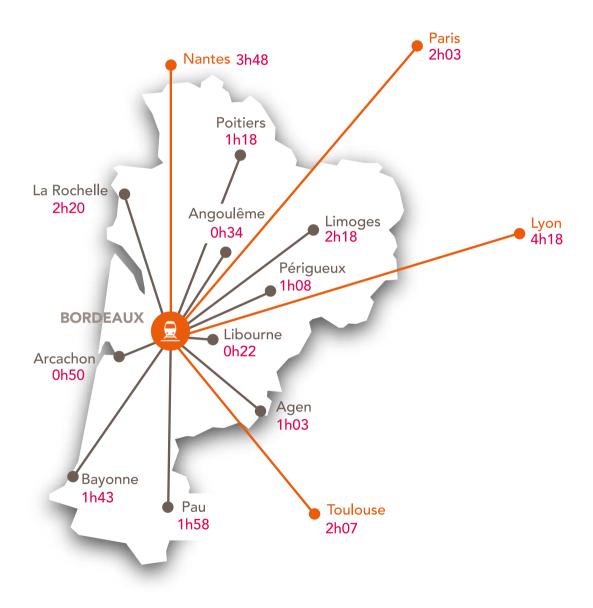
Sources: Population census: INSEE 2020 - *Total employment: INSEE 2020, Establishments: INSEE- Sirène end 2021 - **Employees: URSSAF 2021 and 2022



N° of Pop Estab. Employees communes Bordeaux Métropole 814 049 25 498 401 215 28 CA du Libournais 45 91 475 2 402 42 045 CA du Bassin d'Arcachon Nord (COBAN) 8 69 703 1 958 31 171 CA Bassin d'Arcachon Sud-Pôle Atlantique (COBAS) 4 68 185 2 320 28 555 CC de Montesquieu 45 233 1 2 2 9 17 939 13 CC du Sud Gironde 37 38 959 1 1 3 4 22 562 CC du Grand Cubzaguais 923 17 791 16 36 223 CC Convergence Garonne 32 677 27 737 15 391 CC Jalle-Eau-Bourde 32 094 1164 15 098 3 30 507 CC Médoc Coeur de Presqu'île 18 955 13 386 CC Médoc Estuaire 10 29 490 569 14 846 CC du Secteur de Saint-Loubès 6 28 194 1045 13 544 CC Médoc Atlantique 26 866 877 10 665 14 CC du Réolais en Sud Gironde 41 23 899 611 10 331 CC des Portes de l'Entre-Deux-Mers 11 21 685 611 10 218 CC Médullienne 10 21 741 408 11 012 CC de Blave 20 20 078 515 9 179 CC Latitude Nord Gironde 12 20 802 369 9 977 CC du Val de l'Eyre 5 20 764 121 10 365 CC des Coteaux Bordelais 8 20 739 544 9 863 CC Castillon/Pujols 31 19 054 609 8 392 CC du Créonnais 15 17 785 441 8 763 CC du Fronsadais 18 17 298 359 8 2 3 6 CC du Pays Foyen 20 16 637 502 6 4 6 9 CC rurales de l'Entre-Deux-Mers 50 16 560 542 7 663 CC du Bazadais 31 15 800 372 6 785 CC de l'Estuaire 15 775 6 952 14 380 CC du Grand Saint Emilionnais 22 14 411 961 6 986

CA: Community of conurbations, CC: Community of communes

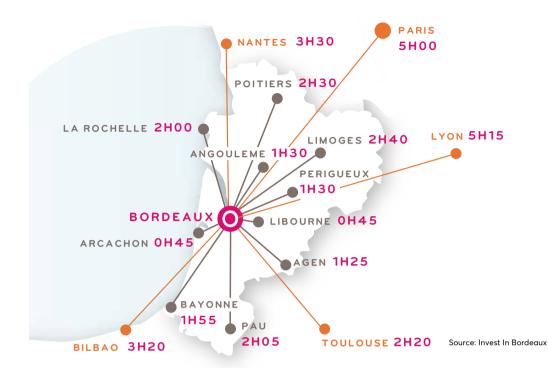
FASTEST TRAVEL TIMES BY RAIL FROM BORDEAUX





DRIVING TIMES FROM BORDEAUX





AIR ROUTES FROM BORDEAUX



Source: Bordeaux Airport - 2022/23

A REGION FOR ENTERPRISE

Accessibility

LGV high-speed rail line Bordeaux – Paris 2hrs 4min

▶ 16 trains per day on average for Paris + TGV direct to Massy and Roissy

 Bordeaux Saint Jean SNCF train station: 20 million passengers per year

2 Inter-city lines: Bordeaux/Nantes - Bordeaux/ Toulouse/Marseille

- 15 TER regional express lines from Bordeaux
- Opening of 3 RER regional express networks

 Plans for 2 LGV high-speed rail lines: Bordeaux-Dax and Bordeaux-Toulouse

Bordeaux Mérignac Airport

- Passenger traffic: 5.7 million
- Routes to 90 destinations, 23 countries served
- 24 airline companies
- Connections to 8 inter-continental hubs
- Access to 10 French cities
- Connection to tram line A

Bordeaux is linked to a network of 10 urban areas of more than 100,000 inhabitants

A 10 (Paris), A 62 (Toulouse), A 63 (Bayonne),
 A 89 (Clermont- Lyon) and A65 (Pau)

Port of Bordeaux

7 specialised terminals

 Facilities for ship dismantling, re-fitting and repair works, quayside or dry dock

- A modern container terminal and naval hub
- River port for cruise ships (44 stopovers in 2022)

 8,100 jobs and 275 companies in the port / industrial park

Major ongoing infrastructure projects

 Simone-Veil bridge, Metropolitan express rail network, extension of tram line A to the airport, redevelopment of the ring-road, last mile river logistics, etc.

Business ecosystems

4 accredited competitiveness clusters

Aerospace Valley – 'Aeronautics, Space

& Embedded Systems': international cluster – Europe's 1st-ranking employment area – 143,700 employees, 1,660 establishments, 8,500 researchers – €95 billion in turnover. 3 strategic sectors: aeronautics, new space and drones.

 ALPHA RLH Laser & Microwaves: 60 start-ups created – 3,000 direct skilled jobs - 12,000 jobs
 700 researchers – 200 graduates per year.
 World-renowned scientific tool: Laser Mégajoule
 15 laboratories. Turnover: €2M

XyloFutur – Products and Materials from Planted Forests: 28,300 establishments – 60,000 jobs – 200 researchers – 34 training and research centers - Turnover: €10.2bn. Europe's largest planted forest.

► AGRI Sud-Ouest Innovation: Agricultural and agri-industrial cluster for the Occitanie and Nouvelle-Aquitaine regions - France's leading agri-cluster – 220,000 jobs – 1,400 researchers - Turnover: €12bn

Clusters

 Aeronautics and space: Aerospace Valley, Aerocampus Cluster, Alienor Innovation Defense
 TOPOS (Satellite applications)

Digital activities: Digital Aquitaine, Naos (open-source software), SO Games, EdTech, Aquitaine Robotics, Connected Commerce Club, Smart4D, CATS - Aquitaine Cluster for Transmedia Storytelling

 Health: GIPSO pharmaceutical cluster, ALLIS NA, Cosmetic Valley, Digital Aquitaine – Health ITC

 Eco-friendly activities: Aquitaine Chimie Durable (sustainable chemistry), SOLENA (environmental transitions), ODÉYS (sustainable building), XyloFutur

- Energy: Energy storage cluster, E-Clide
- Photonics: ALPHA RLH

 Agri-food / wine: Inno'vin, Bio-inspection and Bio-solutions cluster

▶ Sailing: Bordeaux SuperYachts Refit, Atlantic Cluster (sailing and naval activities)



Welcome offer for businesses and start-ups

▶ Bordeaux Technowest technology park, 8 dedicated technical sites: aeronautics, space & defense, industrial ecology, smart city, smart building, connected commerce, energy, foodtech and winetech

▶ Unitec technological park: 7 theme incubators, 1 nursery, 4 location sites including the Cité Numérique

 Startup'Win - Bernard Magrez incubator for wine

► Booster for fast-growing start-ups: Up Grade Nouvelle - Aquitaine

► 3 technological parks developed by the semipublic company Route des Lasers: Laseris, Cité de la Photonique, AMPeRIs

Other business nurseries: Bordeaux Montesquieu Technology Park, Aerocampus Aquitaine, Arc Sud Développement, Talence Innovation, Cestas Nursery, Ecocréative des Chartrons (eco-design), Bordeaux Sainte-Croix tradecraft nursey, Bordeaux Productic, Auberge Numérique, Hauts de Garonne Développement, L'Agora (Estuary CC), COBAS nursery, Mascaret enterprise nursery, Le Campement (sustainable development) at Darwin, Parc Newton, etc.

► La Banquiz, leading European booster for free and open-source software

 Innovation boosters: Héméra, 1Kubator, Snark Factory, Digit 'Halles, etc.

▶ Group-affiliated boosters: Startup Booster and The Warehouse (Cdiscount), Theophraste (Sud-Ouest), Village by CA, CEBLab, La Maison pour Rebondir (Suez), etc.

▶ School or university-affiliated boosters: Kedge BS Business nursery, INCUB'INSEEC Bordeaux, UBee Lab (Bordeaux University), INRIA Startup Studio, Sit'Innov (Bordeaux INP), etc.

Bordeaux Court legaltech incubator

• Chrysa-link, SATT Aquitaine Sciences Transfert incubator

Les Premières Nouvelles Aquitaine incubator

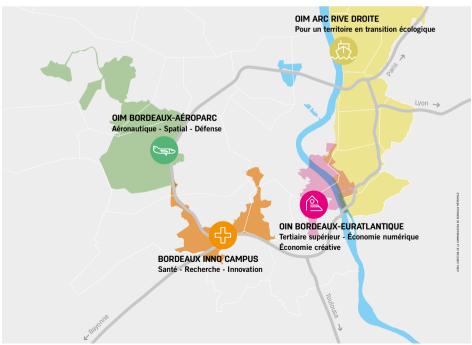
 CSR projects incubator (Arc Sud Développement)

▶ Innocampus: Bioparc, University and University Hospital sites

• **MATWIN**, French platform for open innovation in oncology

▶ Local public enterprises: Bordeaux Euratlantique public administration establishment - SEM Route des Lasers - SPL La Fabrique (La Fab) de Bordeaux Métropole -Bordeaux Métropole Aménagement (BMA) - SPL Bordeaux Aéroparc - inCité

Business premises: AIRE call for expression of interest: 'Develop, Innovate, Re-design, Undertake'



Major regional projects

Bordeaux Inno Campus/BIC

A Major Innovation Park

Partnership Development Project covering 1,500 hectares

Partners: Bordeaux Metropole, municipalities, French State, University Hospital, universities

Bordeaux Metropole's 3rd ranking business hub: 48,500 jobs, 8 hospitals and 66,000 students.

3 excellence centers: health, laser-optics, ICT and innovative materials

Creation of 10,000 jobs, 10,000 additional students by 2035, housing

Bordeaux Campus Development Operation: building redevelopment and renovation project

Forty property and public space development projects, €475M in investments.

Bordeaux Euratlantique

Business and Innovation

District

Operation of National Interest around the high-speed TGV train station hub

738 ha, 3 municipalities including Bordeaux

Premises for upper tertiary, digital economy and eco-business activities

Deliveries: Cité Numérique (Digital business park), MECA (Center for the Creative Economy and Culture of Nouvelle Aquitaine), Tour Innova, Quai 8.2, Caisse d'Epargne, Caisse des Dépôts, etc.

50,000 inhabitants, 500,000m² in office space, 20,000 housing units, 50 ha of green space

Location of 30,000 jobs, including 50% external

3 urban projects: St Jean Belcier, Garonne Eiffel and Bègles Garonne

Ongoing development operations in the Metropolitan area

▶ Bassins à Flot: transformation of the port area into an eco-district with retail outlets, housing and offices

Brazza: Located on the right bank of the river, 43 ha in the heart of the conurbation, urban mix

Bastide Niel: 35 ha eco-district on the right bank, including 30% planted public spaces

▶ **Ginko:** Lac de Bordeaux eco-district: 260,000 m² program on the banks of the lake

▶ **45ème Parallèle:** international business district in the vicinity of Bordeaux-Mérignac airport

Bordeaux Aéroparc

The Aeronautics Eco-System

Operation of Metropolitan Interest covering 3,372 ha including 400 ha for development

3 municipalities: Mérignac, Le Haillan and St Médard en Jalles

Leading industrial hub with 47,000 jobs, (aeronautics-space-defense (ASD), tertiary, public works, etc.)

225,000 m2 of development operations for companies (Zones Galaxy, Ecosph'air, etc.) 90,000 m2 of ongoing tertiary operations (45ème Parallèle, Cœur Aéroparc, etc.)

Aims: consolidate the ASD sector, host 50,000 new jobs, boost the transport offer around the airport Connection to tram line A

Arc Rive droite

Towards a Transition Economy

Operation of Metropolitan Interest covering 11 municipalities on the right bank of the river

116,000 inhabitants and 43,000 jobs

7,000 additional jobs anticipated by 2030

In partnership with the Bordeaux Maritime Port (hydrogen, re-fitting, decarbonisation)

Sectors: Social and inclusive economy, green & circular economy, tradecraft

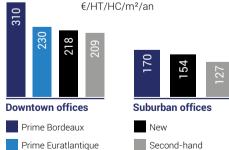
70 accredited actions, including the redevelopment of areas to house new activities

Property trends

The office space market

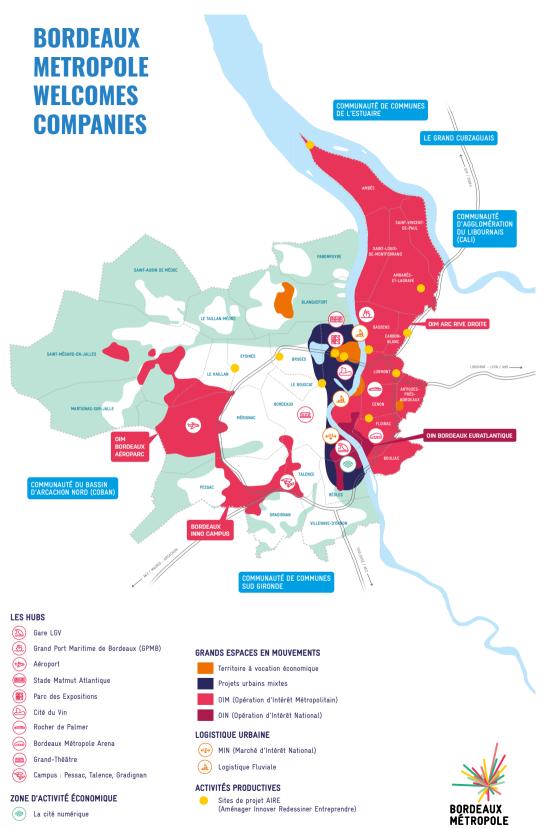
- 148 000 m² of take-up (OIEB 2022)
- 315 transactions
- > 208,000m² 1-year offers

Office rental rates in 2022



Business premises market

- 142 000 m² of take-up (OIEB 2022)
- 194 transactions
- 127, 000 m² 1-year offers



Source: Bordeaux Métropole

BUSINESSES

Among the main employers of the Gironde Area (number of employees)

ArianeGroup	3,300	ASD
Keolis	2,800	Transport
Thales	2,700	ASD
Dassault Aviation	2,400	ASD
Cdiscount	2,300	e-commerce
BNP Paribas Personal Finance	2,000	Finance
Capgemini	1,400	Digital
EDF - Blaye nuclear power plant	1,300	Energy
Groupe Cassous	1,300	Public works
Serma Group	1,300	Electronics
Ceva Santé Animale	1,000	Health
Construction Navale de Bordeaux	1,000	Ship-building
AIA - Atelier Industriel de l'Aéronautique de Bordeaux	1,000	ASD
CGI	1,000	Digital
GT Solutions	1,000	Transport
Sabena Technics	1,000	ASD

Major French industrial groups present



Major international groups

Germany: Merck, KSB, Dekra Automotive Solutions, Rhenus, Weiss Technik

Belgium: Etex, Solvay, WindVision

🛃 Canada: CGI, Polaris, Vermilion

China: Le Bélier and more than 100 châteaux

USA: Stryker Spine, IBM Corp, Mondelez, PNY Technologies, OI Manufacturing, Google, Steris Surgical Corporation, Marsch, Microsoft, Mylan, Zimmer Spine, Thermo Fisher Scientific, Piano, Berlin Packaging, Intuitive Surgical, Bright Edge, Martin Brower... UK / Rep. of Ireland: Milleis, Maincare Solutions, Smurfit Kappa, Sage

Japan: Furuno, Kurito

The Netherlands: Nouryon, EVBox

Italy: Dedalus, Arena, Fice , Nanni Industries

Switzerland: Nestlé, Lalique, Firmenich, SGS, Sopra Group, Sophia Genetics, Endress...

Scandinavia: Ahlstrom Paper Group,

RAL Diagnostic, Recipharm, Sun Creature, Yara, Valmet, etc.

INNOVATIONS



Regional aim for 2030: France's most ecoresponsible region

Nouvelle-Aquitaine 2020-30 road map: **Neo Terra** for energy transition

Booster platform for the **Factory of the Future** in Nouvelle - Aquitaine

Nouvelle-Aquitaine club for medium-sized businesses

Frenc Tech Bordeaux : Association gathering over 1,000 innovative companies

AVENIR Innovation: regional support for companies with innovative projects

Regional establishments ranked **among the top 100 of the world's most innovative universities** (Reuters)

DIHNAMIC: Regional hub for technology innovation, training and transfer players

Start-Up Ecosystem

 Nouvelle-Aquitaine, 900 innovative start-ups and 110 gazelles, (high-growth start-ups, 7% of the French total)

 Ranks among the 10 best French cities to locate a start-up (HelloSafe 2022)

▶ Bordeaux, 2nd ranking employment area for the number of jobs created by start-ups (Trendeo 2022)

3rd ranking metropolis for the number of capital raisings in 2022 (Trendeo), more than €300 million raised, 36 start-ups

Main capital raisings in 2022: Nfinite, Telecom Design, Api-video, Shiro Games, Tehtris, Satelia, Neat, Toopi Organics, ID&AL Groupe, Immunrise, Pool, Soan Solutions, BlueNav, Sami.

Innovative ecosystems: deeptech, foodtech, winetech, greentech, healthtech, fintech

 Participative funding: Bordeaux Gironde Funding Lumo, Solylend, Hello Asso, Happy Capital, Tudigo, etc.

▶ 3rd ranking metropolis for the **number of co**working spaces, +70 in Bordeaux

+20 enterprise boosters and incubators

▶ French Tech Central: Taylor made meetings with 34 key local players

▶ Local events: Les Signaux X Start-up Day, Innovaday, French Tech Day, French Tech Night, Bordeaux Tech'Day, ViV HealthTech, Job Connect.

Circular Economy

 Towards the creation of cluster for the circular economy

 ZIRI network (smart networks integration zone) led by Bordeaux Technowest

 Recycling center for solar panels (Soren and Envie 2E Aquitaine)

 Creation of Cadaoz Solidaire by Orange, Cordon Electronics (mid-size company) and Handiprint (enterprise adapted to disabled workers), telephone reconditioning Among the innovative companies: Circouleur

EthicDrinks - Keenat - Luz Environnement
 Minuit sur Terre - Neoless - Toopi Organics SAPAR - Tertio Recycle - Soren - Le Plastique
 Français - Netcarbon - Elise Atlantique - Optima
 Soofût - Le Fourgon

 Suez Recyclage et Valorisation (recycling and re-use)

Social and Environmental Responsibility (CSR)

> 3rd ranking metropolis for CSR (Fondation Oïkos 2021)

 Winner of the EU Commission call for expression of interest, '100 Climate-Neutral and Smart Cities by 2030'

 Presidency of the Global Social Economy Forum (GSEF)

▶ Location of social and environmental impact businesses: Gandee, Ulula, HelloCSE, HelloRSE, GEEV, etc.

 Implementation of a CSR platform for businesses (Bordeaux City Authority)

 ESI Green & Social Business School: Business School for Sustainable Development and Professions of the Future

 RESONANCE CSR programs by the Nouvelle-Aquitaine Regional Authority

Environmentally-Engaged and Inclusive Innovations

Organizations shaping the economy of the future: La Maison Ecocitoyenne, Darwin (alternative ecosystem), Fabrique POLA, La Ferme de Pauline (1st urban aquaponics farm), Zero Waste Bordeaux, France Active, IKOS, etc.

Inclusive and ecological initiatives: 30 AMAP (consumer network to support small local farming), La Planche (Third Place devoted to wood), La Boucle (devoted to circular life), SuperCoop (cooperative supermarket), La Ruche qui dit oui, etc.

SOCIAL AND INCLUSIVE ECONOMY (SIE)

Bordeaux, World Capital for the Social and Inclusive Economy in 2022 (GSEF)

2 new regional centers for economic cooperation: Ikos, for the creation of an object re-use village and La Fabrique Pola for its action to foster cooperation between cultural players Terr'ESS Chair (Bordeaux School for Political

Terr'ESS Chair (Bordeaux School for Political Science)

Le Point Commun – place for supportive organizations (CRESS NA – ATIS – France Active – CRGE – J'adopte un projet – La Nef – L'Autre Entreprise)

Gemme, the Gironde department's local currency

New places devoted to SIE in Bordeaux: opening of a, 'Enterprise and Tradecraft Center', Le ManuCo, and renovation of the former Armagnac covered market

Growing economic weight

+38,000 employees across the Metropolis,
 14% private employers, 3,000 employer
 establishments

- ▶ +55,000 employees **in Gironde**, one employee in 10, +17% in 10 years, 5,000 establishments
- 22,000 structures in Nouvelle-Aquitaine, 14% of paid employment

Innovations and financial backing

 Creation of the InvESS't NA investment fund, operated A Plus Finance

ESS Tech, a support program for start-ups in partnership with ATIS and La Ruche

Bordeaux Métropole SIE department - SIE road map - Priority sectors: zero carbon logistics, circular economy, eco-building & housing, and local economy.

La Fabrique à Initiatives, La Foncière Solidaire

2 incubators for responsible enterprises: ATIS and La Ruche de Bordeaux

 La Maison pour Rebondir - incubator by the Suez Group

 3 calls for expression of interest, geared towards businesses (Bordeaux City Authority)

Ikos: Re-use enterprise village in the Bordeaux Nord district (Le Relais, L'Atelier d'éco solidaire, Le Livre Vert, Les Compagnons Bâtisseurs and Réseau de réemploi R3, Envie, Recyclerie Sportive, Echange Nord Sud, Replay)

Support bodies

- CRESS, SIE Regional Chamber
- Social Innovation Incubator (ATIS)

 Les Premières Nouvelle - Aquitaine: incubator for women entrepreneurs

Non-profit SIE laboratory

SocialLAB Rive droite (for the right bank districts)

- France Active Nouvelle- Aquitaine: Financial backing through solidarity-based saving
- Coopérative des Tiers Lieux (Cooperative for the 280 third places in Nouvelle-Aquitaine)
- ACC'ESS consultancy (a public interest cooperative society)

 URSCOOP – Regional Union of Cooperative Societies

Key players

▶ Cooperatives: Supercoop, Citiz, Synergie, Les Detritivores, Aide@venir, Les Coursiers bordelais, La Conciergerie solidaire, Enercoop, La Consigne Bordelaise, Coop Alpha, COOP & Bât, Emmaüs Gironde

▶ Non-profit organizations: Atelier Remuménage, Le Garage Moderne, Habitat des possibles, HelloAsso, Jeunesse Habitat Solidaire

 SIE commercial businesses: GEEV, Marie Curry, BoxEaty, Ellyx, ProbonoLab, La Croix Rouge

 Bordeaux University Foundation, SEA fund for regional transition (LISEA)

Training / Research

 Forum for inter-university SIE network in Bordeaux

 Terr'ESS Chair (Bordeaux School for Political Science)

 Masters in Social & Inclusive Economy and Social Innovation (ESSIS) (Bordeaux School for Political Science)

 Master's 2 in Non-profit Group Consultancy and Management (IAE Bordeaux)

 Executive Master's in Strategies, Regions and Innovative Projects in the Social & Inclusive Economy (CNAM)

RESEARCH



Bordeaux University, among the first French research universities to obtain DD&RS accreditation (sustainable development and societal responsibility) 2nd ranking university for INPI patent applications in 2021

Leading sectors in patent applications: Environment, material chemistry, medical devices One hundred platforms and technical units within laboratories, of which 32 have obtained accreditation **Research chairs:** Science and Cognitive Technologies (IBM, ENSC), Science and Techniques for Digital Transformation (Arts et Métiers – ENSAM) and the Organic Farming Chair (Bordeaux Agricultural Science University)

Launch of The Hub platform innovation information website by Bordeaux University

Major private R&D centers located in Bordeaux

- ArianeGroup, Thales, Dassault Aviation
- Birdz, Véolia
- ACC
- CEA-Cesta
- EUROVIA
- EVBox, a subsidiary of Engie
- LECTRA
- LYRE, Suez
- JointLab: L'Oréal x Polymer Chemistry Laboratory
- MERCK
- SAFT
- SOLVAY, Laboratory of the Future
- PSA-open Lab Competitive Intelligence

Excellence research fields neurosciences, healthcare technology, materials of the future, laser & optics, cardiology, archeology, digital technology & systems, environment & climate, smart transport

Presence of major national public research institutions: CNRS, INSERM INRAE, INRIA, IRSTEA, INRETS, IFREMER, CEA, Optics Institute, Institute for Vine & Wine Science (ISVV), etc

Bordeaux University, Science and Technology

► 'Excellence Initiatives' accreditation, €700 M in investment

 'ExcellenceES' accreditation obtained by Bordeaux University for its InnovationS project

7 major accredited research programs

 3,200 teacher-researchers and researchers, +800 international researchers

- 500 PhD graduates per year, 8 doctoral schools
- 11 research departments, 80 research centers

 Bordeaux University Foundation provides backing for research and innovation

Michel Montaigne University, arts, languages, letters, human and social sciences

▶ 700 teacher-researchers, 650 PhD students per year

- 16 research units
- 100 research programs per year
- 1 excellence laboratory for archaeological science, LasCarBx
- 'Montaigne Humanities' doctoral school, one of the largest in France
- 500 international cooperation agreements (Erasmus+ or bi-lateral)
- 3 UNESCO chairs

Transfer structures

Aquitaine Science Transfert (SATT) ADERA (research and innovation partnership) Ademe (Agency for Ecological Transition) CEA Tech Nouvelle - Aquitaine

Technological resource centers: A.G.I.R (Innovation & Research in Agri-food) and ITERG (French Technical Institute for Fats, Oils & Related Products), CANOE platform (composites), Alphanov (Laser), FCBA (wood construction), CRT Nobatek (sustainable technology and building), CATIE (Aquitaine Center for Information and Electronic Technologies)

Inria Bordeaux: STIP, innovation and partnership transfer service

HIGHER EDUCATION

133,843 students in the Bordeaux academy (2021-22)

76% of students in the Bordeaux Métropole area +30,000 university graduates per year from 2 Bordeaux Universities

Bordeaux-based universities

Bordeaux University: around 50,000 students, including 6,200 foreign students.

Science and Technologies - Biology -Healthcare- Law - Political Science - Economics and Management - Human and Social Sciences - IAE management school

Bordeaux Montaigne University: 15,700 students, 8% foreign students, 138 state diplomas, 26 Master programs

3 training & research units: Humanities -Languages and civilizations - Territorial science and communication

2 institutes: IUT Bordeaux Montaigne and the Bordeaux Aquitaine Institute of Journalism (IJBA)

Bordeaux INP, 6 public engineering schools and 1 integrated preparatory course, 2,500 students, including 12% foreign students, 900 diplomas per year, 21 specializations including 7 via apprenticeship programs

+10 Business schools

KEDGE BS, INSEEC, ESG, ESSCA, ISG, IDRAC Business School, ISEG Marketing & Communication, IFP Bordeaux, Euridis Business School, ESI Green & Social Business School, ESCEN (Higher School for Digital Business and Economics), Talis Business School, Alternis Business School...

Graduate Schools

Sciences Po Bordeaux (Political Science), Bordeaux School for Architecture and Landscape, French National School for the Judiciary, EFAP Bordeaux (PR), Bordeaux Graduate Art School, Chartrons Campus, Galileo Global Education Group schools, etc.

Campus du Lac

Bordeaux Gironde Chamber of Commerce & Industry (diploma to master levels)

Major engineering schools in the Bordeaux area

National Graduate School for Materials, Agrifood and Chemistry (ENSMAC- INP)

 Bordeaux National Graduate School for Electronics, IT, Telecommunications, Mathematics and Mechanics (ENSEIRB – MATMECA - INP) +5,000 engineering students in public schools (INP, etc.)

Bordeaux Montaigne Language Center: Teaching in 24 living and rare languages

Bordeaux Campus Operation: €400M in investment, 4 campuses, 260 hectares

 Bordeaux National Graduate School for Molecular Technology (ESTBB – INP)

 National Graduate School for Cognitive Science (ENSC – INP)

 National Graduate School for Environmental Studies, Geo-resources and Sustainable Development Engineering (ENSEGID- INP)

 National Graduate School for Industrial Performance and Aeronautic Maintenance (ENSPIMA-INP)

Bordeaux Arts et Métiers Paris-Tech (ENSAM)

Bordeaux Sciences Agro - National Graduate
 School for Agronomic Sciences (BSA)

- Optics Institute Graduate School (IOGS)
- Graduate School for Aeronautics and Automobile Construction (ESTACA)
- Elisa Aerospace Bordeaux

 Junia Engineering School (Factory of the Future, cyber-security)

- CESI Campus Bordeaux
- ESME Sudria (mechanics & electricity)

New training programs

- Eduservices Campus
- François d'Assise campus (1,300 students)
- France Luxe Business School (luxury sector)

 Creativity campus: Graduate School for Artistic Professions (ESMA) and CinéCréatis (film industry)

- CREAD School for Interior Design
- SNCF Réseau Campus (rail networks)
- Kéolis Mobilities Campus

 N°1 Doctors Without Borders (MSF) training center

International training programs

 +50 international training programs (Degree, Master and PhD levels)

 Leading French university for the number of Erasmus Mundus-certified programs

▶ 1 international school - BIS (Bordeaux International School)

International Baccalaureat sections in high schools

MAIN SECTORS IN GIRONDE



HEALTH

60,000 jobs*

Healthcare industry cluster GIPSO E-health, medical devices, pharmacy, biotech, animal health Merck, Ceva, Mylan, Sanofi, Acteon New incubator: Bordeaux Care Lab * private and public employers





WINE The leading employer in Gironde Bordeaux Inno Vin cluster Leading region for AOC wine production Leading department for organic wine 5,400 wine estates

TOURISM 32,000 jobs

Among the world's top 5 sustainable tourism destinations Business and congress destinations Wine tourism, cruises, sailing, surfing and golf





+27,000 jobs

French Tech capital 3rd French region for video games 3rd French metropolis for business creation E-business, e-health, virtual reality, big data, Al, robotics

AERONAUTICS/SPACE/DEFENSE 26,000 jobs

'Aerospace Valley' world center 3rd French employment area Airbus group, Safran, Thales, Dassault, etc. Drones, missiles, New Space, maintenance, etc.





FINANCE/INSURANCE

23,000 jobs

4th ranking French banking center 3rd ranking region for capital raising A leading center for fintech

CHEMISTRY/MATERIALS 12,000 jobs

3 centers: Xylofutur, Aerospace Valley, Route des Lasers/photonics Green chemistry, agro-chemistry, specialized chemistry, nano-materials, bio-sourced materials, etc. Private R&D centers: Eurovia, Saft, Solvay, Suez, Véolia, etc.





WOOD 10,000 jobs

Leading region for wood production and processing Xylofutur center for 'Products & Materials from Planted Forests' Odeys cluster (eco-building) Paper, cardboard, pallets, cooperage, etc. Smurfit, Gascogne, Abzac, etc.

AERONAUTICS / SPACE/DEFENSE

Aerospace Valley, the international competitiveness cluster for aeronautics, space and embedded systems

A European excellence ecosystem

Gironde, the 3rd largest employment area in France, 26,000+ jobs, €2bn in turnover

300 companies including 7 groups: ArianeGroup, Dassault Aviation, Thales, Safran, Daher, Sabena Technics, Airbus Atlantic

+100 sub-contractors and military facilities

3rd largest regional export sector (2021)

Civil and military aviation programs: Falcon, Rafale, helicopter engines, ATR airfoils, Airbus, etc. **2**nd largest region for the weapons industry

Leading national center for maintenance in operational condition (MOC)

Leadership

- Civil and military aircraft building
- Space rocket launchers
- New Space
- Ballistic missiles
- Embedded electronics and simulation
- Civil drones
- Military and civil aircraft maintenance, MOC

► Testing: Atmospheric re-entry simulation, rocket booster tests, spatial surgery

Training

Evering Institute for Aeronautic Engineering

 Master's in Systems Engineering & Maintenance for Aeronautics and Transport (IMSAT)

Arts et Métiers ParisTech

 National Graduate School for Industrial Performance and Aeronautic Maintenance (ENSPIMA)

 Graduate School for Aeronautics and Automobile Construction (ESTACA)

- ELISA Aerospace
- ESME Sudria (mechanics & electricity)

NAASC (Nouvelle-Aquitaine Academy Space Center): University Space Center

 Aérocampus Aquitaine (technical high school and higher diploma levels)

Defense and Aerospace Chair at Sciences
 Po Bordeaux

European Center for space innovation and research studies

Creation of an aeronautics business park for the airship sector

Bordeaux Aéroparc Operation of Metropolitan Interest, business park for the sector

Bordeaux Technowest technological park: Aeroparc incubator-nursery, Aéroparc (local public company), the 'Cockpit' building, etc.

Trade Fairs: UAV Show (Leading European drone sector fair), ADS Show (aeronautics and defense MOC), etc.

Next Space 2022 in Bordeaux – Way4Space symposium

Locations to the region in 2022: Stellar Télécommunications, Rolls-Royce, Aerospacelab, EOS Technologies, Flying Whales

Tarmaq: Flagship for aeronautics and space knowledge

Research

- ► More than 2,500 people involved in research activities, 10 public research laboratories
- Bordeaux University: Engineering & Digital Sciences and Material Science departments
- Thermo-structural composite laboratory (LCTS)

Competitiveness hubs, clusters and organizations

Aerospace Valley, ALPHA-RLH

 3 clusters: Aquitaine Robotics, TOPOS (smart mobility), Aliénor defense innovation center (DGA)

BAAS organization: Bordeaux Aquitaine Aeronautics and Space

Key companies

Tactical propulsion: ArianeGroup-Roxel-MBDA

 New Space: Stellar Télécommunications-HyPrSpace, Aerospacelab - The Exploration Company- I-Sea

Constructors: ArianeGroup - CEA - Dassault Aviation - Safran Ceramics - Airbus Atlantic - Stelia Aerospace - Thales - Safran Additive Manufacturing Campus - Safran Data Systems - Thales

Drones: Aerix Systems - Azur Drones – Delfox

- Dronisos - EOS Technologies - Fly-n-Sense - Drones Protect system - Robotics Industry -SkyBIrds View - Lynxdrone

 Maintenance: AIA (Aeronautic Industrial Workshop) - Dassault Falcon Service - Sabena Technics

 Tests: DGA missile tests, DGA in-flight tests, CESA Drones (Test and experimentation center)



Bordeaux, French Tech capital

Digital excellence center: Digital Aquitaine

More than 29,000 paid jobs in the digital sector in Gironde

1,460 digital jobs created in Gironde in 2022 (Trendeo) 2nd leading French ecosystem for free and opensource software

A leading region in video games: around 100 studios, 1000 jobs and more than €100M in turnover

Clusters: Health ITC, TOPOS, E-Business Club, Smart4D (digital simulation), NAOS (free software), EdTech, SO Games **International digital hub:** commissioning of the AMITIE telecommunication cable between the USA and Gironde

Dedicated sites: Cité Numérique (Digital Business Park), Unitec incubator, Bordeaux - Technowest, eco-creative nursery, Darwin, etc.

Local **unicorns:** Mirakl, ManoMano, Back Market, Deezer, OVH

Events: Horizon(s) video game fair, Fintech Summit, La Grande Jonction, Cartoon Movie, it3D Summit, Vinitiques

Leadership

- E-health (see healthcare page)
- E-business
- Free and open-source software
- Virtual & augmented reality, video games
- Artificial Intelligence Data Science (see technology page)
- Cyber-security (see technology page)

Digital ecosystem players

FrenchTech, Digital Aquitaine, SO Games, Aquinum, Naos (open-source technologies), Clusir Aquitaine, SYRPIN, SYNTEC

Training

 Bordeaux INP and its engineering schools (ENSC, ENSEIRB- MATMECA, etc.)

Junia Engineering School (cyber-security)

▶ Bassins à Flot campus: schools in the Galiléo Global Education network

Esprit Gaming School - EGS (video games)

Rocket School campus, first digital school devoted to high-tech sales

Bordeaux Ynov Campus: IT, robotics and engineering systems, 3D, animation & video games

 Digital Campus: school for professions in the digital sector

▶ ESCEN - Graduate School for Digital Business and Economy - Next-U Education

 Creativity campus: Graduate School for Artistic Professions (ESMA) and CinéCréatis (film industry)

Sup de Vinci: Graduate School for information systems engineering

Graduate School for Digital Science (ESD)

ECV - Design, 2D/3D animation, gaming and digital technology school

► 3IS Bordeaux Campus: Audio-visual, sound, animation & performance art

- ► IA Microsoft, Microsoft AI Business School
- Google Nouvelle-Aquitaine digital workshop

Research

+20 public and private research centers and laboratories

- Inria Center at Bordeaux University, Digital Science Research Institute
- Bordeaux Laboratory for IT Research LaBRI

 Integration from Material to Systems laboratory (IMS)

► Innovation booster: CATIE - Aquitaine Center for Information and Electronic Technologies

Key companies

 E-commerce / Customer Relations: Cdiscount -Back Market – Betclic Group - Mano Mano - Mirakl
 Displayce - Feed Manager - Malt - Nfinite, etc.

Virtual / Augmented Reality: Immersion - I2S - Lumiscaphe - Meshroom VR - Hilo, etc.

 E-learning and serious games: Addeo – Dipongo - IDSC Group – Interaction Healthcare – Enovation Solutions - CCCP

 Video games: Ubisoft - Asobo Studio - Motion Twin – Shiro Games - Playwing – Playsoft Games – Evil Empire - Nova Box – Black Flag, etc.

▶ Audio-visual/Animation: Solidanim, Umanimation, Sun Creature, Tsunami Studio, Un je ne sais quoi

▶ Multi-media/Music: Deezer - Music World Media - api.video - Sound to Sight

Connected objects: NFC-I - Ubleam – InfleXsys

- Genius Objects - MyElie - Telecom Design

Mobile applications: Aquitem - BeTomorrow
 @t Internet - Blookup - Snapp'

 Open source/free software: Ekylibre
 Enovation- Metapolis - Temesis - Ullo -MapoTempo ...

 Digital services: Accenture – Activus - Alten – Atos – Ausy - Capgemini Sogeti – CGI – Concerto – IBM - Cheops Technology - CIS Valley – SQLI - Steria Sopra – One Point – GFI – Scalian – Akka technologies – Synchrone – Exodata – Technomade - Omnilog/Maltem

ELECTRONICS / PHOTONICS

The largest industrial laser photonics sector in France

A national competitiveness cluster: ALPHA RLH

Electronics sector: 300 companies and + 20,000 jobs

4th ranking among regions, 8% of total employment for the sector in France

An annual turnover of more than €1bn

Photonics sector: 3,000 direct skilled industrial jobs and 12,000 indirect jobs

Nouvelle-Aquitaine Electronic Industries road map

Nouvelle-Aquitaine 2025 photonics road map

Aqtronic, new regional support platform for the industrialization of electronic projects

SEML Route des lasers, local semi-public company, management of 4 technological parks

Leadership

Avionics, embedded electronics, telecommunication, laser cutting, photonics, outsourcing, medical electronics, design, analysis, tests and component characterization.

Training

 National Graduate School for Electronics, IT, Telecommunication and Mathematics (ENSEIRB -MATMECA)

 National Graduate School for Cognitive Science (ENSC)

 200 graduates specialized in laser optics per year

Optics Institute Graduate School (IOGS)

PYLA: Optics & Laser Training Center

Research

Laser Mégajoule, a unique facility in Europe

 NAQUIDIS Center, an innovation hub for quantum photonics

- 700 public researchers in photonics
- Laser and Plasma Institute (ILP)

Digital Photonics and Nanoscience Laboratory (LP2N)

 CELIA (Center for Intense Lasers and Applications), LOMA (Waves and Matter), LPCM (Molecular Physics and Chemistry)

 IMS Laboratory (Integration from Material to System)

Sector / Transfer organizations

CATIE - Aquitaine Center for Information and Electronic Technologies

 ALPhANOV - Technological resource center for optics and lasers

 ALPhA (Aquitaine Lasers, Photonics and Applications)

- Digital Aquitaine
- BIPSA Bio Imagery, Photonics and Health

Sector leaders in Gironde

 Photonics: Azurlight Systems, Innoptics, Irisiome, iXblue (Exail), Amplitude Systems, Cilas, Cisteme, Photonis

 Professional and military electronics: Thales, Safran, Saft, Serma Group, Ingeliance, TDM Ingénierie, I2S, Advanced Wireless Solutions and Services (Aw2S)

Laser cutting: Lectra, Oxymetal

 Components / Micro-electronics: Adetec, Exxelia, A Puissance 3, Microsemi, EMS Factory, Xmod technologies, Furuno, PNY Technologies

Medical electronics: Acteon, Iliasis

Sub-contractors: Cordon Electronics, Synergy

Networks and telecommunications: Adetec, ISIS MPP, Amplitude, Télécom Design, WorldCast Systems, RFPA, IN-SNEC, eDevice, Stellar Télécommunications, Safran Data Systems

TECHNOLOGIES OF THE FUTURE

Pilot of the **ITS 4Climate** international initiative



Quantum technologies NaQuiDis, Nouvelle-Aquitaine center for quantum technology innovation ALPHA - RLH competitiveness hub Regional excellence in the photonics field Optics Institute Graduate School (IOGS)	Presence of the Aquitaine Optics Institute Digital Photonics and Nanoscience Laboratory (LP2N) iXblue (Exail), leader in quantum sensors ALPhANOV, technology transfer facility
Cyber-security Expertise for aeronautic project managers Nouvelle-Aquitaine campus for cyber-security and digital trust Regional funds for cyber-security Leaders: Tehtris, Eshard, F-Secure, Advens, Exodata, Niji, Talan CLUSIR, the information network security club	GIP, cyber-malevolence +10 training programs 'Cyber-security Expert' diploma from ENSEIRB-MATMECA - Bordeaux INP Junia Engineering School (Factory of the Future, cyber-security) Cyber-resilience of Digital Infrastructures Chair
Robotics Sector specialized in cobotics and human- robot interaction Leaders: Aerospline - Vitirover - Proditec - VLM Robotics- Lucas Robotics - Robotics Industry- Génération Robots - HumaRobotics - Pollen Robotics - CogEngines - EMS Factory - Namma - Fives Syleps RoboCup 2023 Bordeaux: The world's largest robotics and artificial intelligence competition	Aquitaine Robotics cluster: 130 players in the Nouvelle-Aquitaine region Reachy , the humanoid robot developed by Pollen Robotics, finalist of the international ANA Avatar XPrize competition 5 Master programs in robotics in Nouvelle-Aquitaine Factory of the Future program
Al/Data A hundred companies in Nouvelle-Aquitaine Digital Aquitaine Al data sciences cluster Bordeaux Artificial Intelligence Alliance (BAIA) - Bordeaux University Leaders: Ezakus - @t Internet- Xiti – Dolist - Do You Dream Up - Cartegie - FieldBox. ai - Cheops Technology – Cogniteev - Wiidii – Clay - JobiJoba - Addinsoft - Geosat – 10H10 - ThinkDeep – Sophia Genetics - Synapse Medicine - Klarsen Data, etc.	Equinix data center NAIA: Nouvelle-Aquitaine Artificial Intelligence Forum Microsoft By Simplon AI school National Graduate School for Cognitive Science Cognitive Science and Technology Chair (ENSC) 3 accredited AI research chairs in Bordeaux Institute for Data Science - leading specialist school Trustworthy AI Chair (Bordeaux University Foundation)
New mobilities, smart transport Digital Aquitaine - TOPOS: Solutions and Services for Smart Mobility in Nouvelle-Aquitaine Expertise: satellite guidance, electric mobility, location systems, smart transport systems (STS), decarbonised air transport	Smart Mobility and Transport Chair (ENSEIRB-MATMECA) A future 'living lab' devoted to smart transport Leaders: BMIA - Co-rider - IXXI Mobility - Qucit - SA Gertrude, etc. An innovative facility in Gironde: Flying Whales and its transport airships

HEALTHCARE INDUSTRY AND E-HEALTH

An innovative healthtech ecosystem

+60 000 public and private jobs in Bordeaux Métropole

15% of regional paid employment, 250 businesses, of which 50% are start-ups

Excellence sectors: pharmacy, bio-technologies, e-health and medical devices

Regional branch of the Cosmetic Valley competitiveness cluster

3 clusters: AllisNA (Nouvelle-Aquitaine Alliance for Health Innovations), Health ITC (Digital Aquitaine), Pharmaceutical center-GIPSO

Industrial leadership

- Pharmacy and animal health
- Biotechnologies
- Medical devices, biomaterials and implants
- E-health, including hospital IT
- Bio-laser printing technology
- Cell therapies

Sector / Transfer Organizations

- Nouvelle-Aquitaine health industry cluster
 GIPSO
- Nouvelle-Aquitaine Alliance for Health Innovations (ALLIS NA)
- Digital Aquitaine- DA ITC Health
- Bordeaux Clinic for Functional Genomics CGFB
- Biomedical innovation technological platform
 PTIB
- Bordeaux Imaging Center platform BIC

▶ MATWIN, French platform for open innovation in oncology

- Nouvelle-Aquitaine gerontology center Silver Economy
- Biotech transfer unit ENSTBB

Training

 Bordeaux University Medical School: 19 specializations, 280 graduates

Medical Surgery School

 Institute for Medical Professions (IMS), leading body for healthcare training (University Hospital)

 Bordeaux National Graduate School for Biomolecular Technology (ESTBB)

Bordeaux Institute of Industrial Pharmacy - IPIB

 Institute for Public Health, Epidemiology and Development - ISPED

- Bordeaux School of Neuroscience
- School of Health Sciences (ESS)

€800M in investments for Bordeaux University Hospital

Laboratory for Organic Polymer Chemistry (LCPO): winner of the Foundation for Medical Research prize for its work on brain tumors.

Main therapeutic fields: neuroscience, cardiology, oncology, epidemiology

An industrial research center: Ceva, Sanofi, Viatris, Merck Biodevelopment, Reciopharm, Acteon, TreeFrog Therapeutics

Incubator for healthcare: Bordeaux Care Lab

Dedicated sites: Bordeaux InnoCampus, Technopole Montesquieu, Bordeaux Unitec

Research

▶ **2,500 public researchers,** including 700 in neuroscience and 150 in cardiology

▶ 35 research laboratories, 11 platforms, 2 doctoral schools

► CHU Bordeaux, university hospital: 400 researchers and 4,700 scientific publications

National Institute for Health and Medical Research – INSERM

Neuroscience: Bordeaux Neurocampus, Labex Brain

Cardiology: Liryc IHU (University Hospital Institute)

 Oncology: Bergonié Institute, Oncology center for the greater south-west region

 Human nutrition: Human Nutrition Research Institute - ITERG (Institute for Fats, Oils & Related Products)

Bordeaux clinical investigation center - Accelence

Key Companies

Pharmaceuticals: Boiron - Ceva Santé
 Animale - Creapharm - Dagard - Mylan/Viatris
 Merck - Recipharm - Sanofi - Unither

Medical devices: Acteon - Exactech -Companion Spine - FineHeart - HyPrevention - Implanet - InHeart - Intuitive Surgical - Steris - Stryker - Ocean Dx - Zimmer

Biotech: Ademtech - Aelis Pharma - Fermentalg
 Imagene - ImmunRise - Poietis - TreeFrog
 Therapeutics - OP2 Drugs - Ysopia Bioscience

 e-Health: Dedalus - CIS Valley - eDevice -DESKi - EyeSoft - Enovacom Nomadeec - Lucine - MainCare - Meditec - MirambeauAppcare
 Sophia Genetics - Interaction Healthcare/ SimforHealth - Satelia - Synapse Medicine -MySofie - Invivox - Nurea - Noé Santé

Nutrition: Activ 'Inside - Nutrikeo Vitagermine - Exinnov

Cosmetics: Herbéo - Omum – Groupe Panther
 ADOPT – OceoPin – L'Oréal



A region of excellence for green technologies

50,000 to 58,000 jobs in the green economy (Aurba)

The Gironde is the 3rd ranking department in terms of investments in environmental transition (Trendeo 2022)

2 energy clusters: Energy & storage, E-Clide (nuclear)

Soltena cluster (Solutions for Environmental Transition in Nouvelle-Aquitaine)

Néo terra: regional road map for energy and environmental transition

Terra Energie, an investment fund for renewable energy

Leadership

- Organic and hybrid solar energy
- Batteries and storage of the energy of the future
- Hydrogen / Biogas
- Tidal energy (SEENEOH site)

Training

School for Energy Renewal (èRE)

 National Graduate School for Environmental Studies, Geo-resources and Sustainable Development Engineering (ENSEGID)

 Master's in Environmental Engineering and Adaptation to Climate Change

National Graduate School for Materials, Agrifood and Chemistry (EMAC)

- Sciences & Environments doctoral school
- Engineering diploma in renewable energy R&D

Research

> 250 researchers, PhD students, 20 research laboratories

▶ INRAE Bordeaux, plant, ecology and environmental science, agri-photovoltaics

 Geological and Mineral Research Office (BRGM), a research center devoted to coastal risks

► Carnot Institutes: ISIFOR (sustainable geosource engineering) and IRSTEA (environmental science and technology)

Institute of Condensed Matter Chemistry of Bordeaux (ICMCB)

IFREMER

 Environments and Oceanic & Continental Paleo-environments (EPOC)

 LabEx COTE (Interactions between forest, agricultural and coastline ecosystems) **New funds: Caap Energies** (Crédit Agricole d'Aquitaine), Impact Source

France's leading region for the production of solar and bio-source electricity (RTE)

Horizéo Project: France's largest solar farm

Vitisolar: an experimental project for agrivoltaics in the vineyards around Bordeaux

Dedicated sites: AMPeRIS, Ecoparc, Parc Newton, Copernic, Technopole Montesquieu, Agora, etc.

Natural resources: Europe's largest planted forest, solar and hydraulic potential, biomass, geothermal energy, etc.

Bordeaux Maritime Port (GPMB) Green P(Hy) sics, (decarbonisation)

- Land, Marine and Universe Observatory (OASU), 300 researchers
- EGID Institute (Environment, Geo-engineering & Development)

Sector / Transfer organizations

- Ademe (Agency for Ecological Transition)
- Nouvelle Aquitaine Environment / Water Center
- Nouvelle Aquitaine Carbon Climate Environment association (ACCLENA)
- Soltena Solutions for Environmental Transition in Nouvelle-Aquitaine
- Energy storage cluster
- Bordeaux Métropole Energies (BME)
- Gironde Energie

Key companies

 Major groups: ArcelorMittal - RTE – Engie – Storengy – Nouryon – EDF- Suez (CarbonWorks)
 TotalEnergies

Renewable energy: ADV Tech - Base Innovation – BayWare Solar Systems - Hace – Énergie de la Lune - Hydrogène de France (HDF Energy) - Inélia - Instream – Logikko - Moon - NewHeat – Pragma Industies - Smurfit Dalkia – Seaturns - Sunna Design - Valorem - Vinea Energie - Windvision

 Energy storage: ACC - E-Mersive – EvBox -Exoes - Greenspot - Lafon technologies - SAFT
 BMS PowerSafe – Nexeya – Neogy – St@rtec
 E4V – GazelleTech – SwitchESS - Voltalis

Waste recycling: Pena – Europlasma – SARP Industries

Engineering: Cap Ingelec – Serma group
 Energy - Bertin technologies – EDEIS – Amoes
 Alto step - Ingerop

 Water-Air: Greease - Synthea - Kipopluie -Taso - Chromatotec - Tergys

WOOD SECTOR / SUSTAINABLE BUILDING

Competitiveness cluster: XyloFutur – Products and Materials from Planted Forests

Odéys cluster (eco-building and sustainable development)

Home to France's largest forest in terms of surface area and largest certified and sustainably-managed forest

10 million m³ harvested per year 80% maritime pine in Gironde and Landes The region's 4th industrial sector in terms of employment (39,000 employees)

Nouvelle-Aquitaine turnover: €10bn, of which 45% is generated through export

4rd largest regional export sector

France's leading region for production and 2^{nd} for timber processing

Alliance Forêts Bois (Forest & Wood Alliance), France's largest forestry cooperative

Woodrise Congress 2023 in Bordeaux

Hosting of the international Cobaty congress

Leadership

- Green chemistry and wood bio-refinery
- Flooring, paneling and molding
- Panels
- Wooden packaging and pallets
- Cooperage- Wine cases
- Paper and cardboard
- Timber for building

Training

 Forestry and wood campus (professional diplomas from undergraduate to post-graduate levels)

- Unique in France, higher education diploma in Planted Forest Management
- Bordeaux Arts et Métiers Paris-Tech ENSAM

 Bordeaux National Graduate School for Architecture and Landscape - ENSAP

 Bordeaux Agricultural Science: National Graduate School for Agronomics

- Master's in Sustainable Forest Management
- Master 2 in Wood and Fiber Engineering
- Professional degree in timber construction

Research

 France's leading region for research in the wood / forestry sector

More than 200 researchers

 INRAE Bordeaux, plant, ecology and environmental science - Biogéco unit

 Nobatek /INEF4 - National Institute for Energy and Environmental Transition in Building

> Xyloforest research & innovation platform (INRAE) with 6 technical centers

The Institute of Mechanical Engineering (I2M)

European Institute of Planted Forest (IEFC)

 Maritime Pine Chemistry Chair (Solvay, Bordeaux University Foundation, INP) Eco-Engineering Wood Products Chair (University, I2M)

 BioForTer Chair (Bioeconomy, Forests and Territories) certified by Xylofutur

Sector / Transfer organizations

- Cobaty international federation (construction, urbanism and environment)
- Fibois Nouvelle-Aquitaine
- FCBA Technological Institute
- Xylochem (LCPO and EquipEx Xyloforest laboratory)

 Union of Regional Maritime Pine Industries (UIRPM)

• Environmental and Agricultural Sciences and Technologies Research Institute (IRSTEA)

Key companies

Paper - cardboard: ADAM, Condat (Lecta Group), Gascogne Papier, Smurfit Kappa Cellulose du Pin, Korus Packaging

Packaging (paper bags, wood, pallets, etc.): PGS Beynel, Gascogne Sacs, SOPAL, Smurfit Kappa Corrugated France, Saica Pack

• **Cooperage:** Demptos, Sylvain, Nadalié, Seguin Moreau, Tonnellerie Bordelaise, etc.

Cardboard tube manufacturing: Abzac, Corex

Panels, flooring, molding and resin-based paneling: Gascogne Bois, FP Bois, Egger Rol, Finsa

 Building, carpentry and decoration: Integral Bois System (Egeris Group), So Deck Group, Lamécol, Keyor, Materrup, Discac, etc.

Sustainable building: BackPlan - Coop&Bât

- IQSpot - Qucit - TEEO - MyOlympe - Vertige - Woodscope

► Wood chemistry /Bio-refinery: Berkem, DRT, Rayonier Advanced Materials

 Engineering: Valmet Automation, Dimétal, Ciris Ingénierie

CHEMISTRY - MATERIALS



Competitiveness clusters: Aerospace Valley, Xylofutur

Clusters: ACD Nouvelle- Aquitaine, Composites Cluster Nouvelle - Aquitaine

12,000 employees in Gironde, 460 establishments, 17 establishments with more than 100 employees

Chemistry is the 2nd leading export sector

Private international R&D centers: ACC, ArianeGroup, Eurovia, Saft, Suez (LyRE), Smurfit, Solvay Among the top 3 regions for researcher density in material science and physics-chemistry

Internationally-renowned public research laboratories in the fields of materials, environment, polymers, analytical chemistry and industrial safety, use of agricultural biomass and forestry

Leading region for technological patent files

Leadership

- Chemistry and bio-sourced materials
- Lignocellulose chemistry
- Chemistry for energy
- Agri-chemistry, xylo-chemistry
- Micro-algae, plant extraction
- Fuels and explosives
- High-performance materials

Training

 Bordeaux University: 5 specialized Masters, 1 professional degree in Industrial Chemistry

National Graduate School for Materials, Agrifood and Chemistry - ENSMAC

 Bordeaux National Graduate School for Biomolecular Technology - ESTBB

 Bordeaux Agricultural Science: National Graduate School for Agronomics

Chemical Science doctoral school

Research

• European Institute of Condensed Matter Chemistry of Bordeaux (ICMCB)

Institute for Molecular Science (ISM)

 European Institute for Chemistry & Biology (IECB)

 Integration from Material to Systems Institute (IMS)

Paul Pascal Research Center (CRPP)

 Thermo-structural Composites Laboratory (LCTS)

 Organic Polymer Chemistry Laboratory (LCPO)

- The Institute of Mechanical Engineering (I2M)
- ITERG CEDOP (The European Center for the Development of Oil Products)
- Laboratory of the Future, Solvay

Technology transfer

 Technological Center for Composites and Advanced Materials, Canoe

ChemInnov Platform

 APESA, technological Center for the Transitions

Sector organizations

- France Chimie Nouvelle Aquitaine
- ACD Nouvelle- Aquitaine the chemistry and material sector network
- Nouvelle Aquitaine Composites Cluster
- Bio-control and Bio-solutions cluster

Key companies

▶ Waste treatment and recycling: Bee&Co - Bigarren Bizi - Europlasma - Maltha Glass Recycling France - L'Electrolyse - Pena - Syneox SIAP - Inertam - SIAP Prociner (SARPI-VEOLIA) - ASTRIA - Bio-Tox - Alcion Environnement (SEDE Environment Group) etc.

- Green chemistry / Bio-sourcing: Activ'Inside
- Bertin Technologies Berkem Biolandes
- Biovitis Carbon Waters DRT Exinnov
- Fermentalg Firmenich Immunrise Jade
- Lixol Polyrise Olikrom Saipol Kapsera

 Fine chemistry: Arkema – Emulseo - Kurita
 Laffort - Nouryon – Novéal - Simorep & Cie (Michelin) - Sanofi

 Composites and polymers: AEC Polymers (Bostik) – CMP Composites - PolymerExpert – Rescoll – Plastinova - Epsilon Composites -MLPC International – Safran Ceramics - Stelia Composites - Strato Compo - Toray Carbon Fibers Europe - Natec

Agro-chemistry: Yara France, UPL France

WINE SECTOR

Innovations and Excellence

World N°1 region for AOC appellation wine production, 65 AOC

No1 organic wine-making department in France

5,400 estates, 9,000 château names

15% of French Production, €4bn in turnover, 50% from export sales

31% of exports from Gironde

The department's leading employer, with 60,000 direct and indirect jobs,

300 trading businesses, 80 merchants and brokers.

VitiREV Innovation devoted to funding environmental transition in the wine sector

Vitisolar: an experimental project for agrivoltaics in the vineyards around Bordeaux

Bordeaux Cultivons Demain certification for CSR companies (CIVB): 56 Bordeaux vineyards certified

Innovation / Research

Bordeaux INNO'VIN cluster

 Winetech, a support structure for companies, based in Libourne (Technowest)

- Wine incubator: Startup'Win (Château le Sartre, Bernard Magrez)
- Institute of Vine and Wine Science (ISVV), excellence center for wine research
- Vinopôle Bordeaux-Aquitaine
- Bordeaux Agricultural Science
- Inrae
- Wine, Vineyard and Societal Trends Chair (Vitirev)

 Academic expertise: oenology, grape biochemistry, micro-biology procedures

Events

- Bordeaux Fête le Vin wine festival
- Act For Change Symposium
- Vinexposium, Wine Paris and Vinexpo Paris

Vinitech- SIFEL – international trade fair for the wine, arboriculture and vegetable sectors

Independent Wine-Growers' Fair

Training

- KEDGE Business School Wine & Spirit Academy
- KEDGE Wine School, Wine & Sustainability
- INSEEC Bordeaux
- IPC Wine and Spirits Sales
- International School for Sommeliers

 Best - Worldsom , excellence program for sommeliers

 European Master in Viticulture and Œnology, Master in Wine Law

 Master WINTOUR, Erasmus Mundus for innovation in wine tourism

Wine Spirit MBA

 Bordeaux Local Public Establishment for Agricultural Training (EPLEFPA)

Players in Gironde

- Bordeaux Wines Inter-professional Committee
 CIVB
- Great Wine Capitals, Best of Wine Tourism
- Cité du Vin, certified 'Sustainable Entertainment'
- Bordeaux City Bond , warehouse for fine wine and vine produce
- Bordeaux Federation of Fine Wines (FGVB)
- Regional union of wine and spirit brokers for Bordeaux and Gironde
- Gironde Chamber of Agriculture
- Vinexposium

Key companies

 More than 150 Chinese investors in the Bordeaux vineyard

 Winetech: LaDegust.fr - SmartBottle – Winespace - Process2Wine – Ekylibre - My Balthazar - Vitibot - My Bachus – Deep Planet – Mo.Del -

 Trading and logistics: Bardinet - Castel -Barton & Guestier - Ginestet- Lillet, - Johanes Boubée - Dartess, Millésima - Ricard - William Pitter

 Wine chemistry: Laffort Enologie -Laboratoire Excell - WIT France - Michael Paetzold

- Cooperage, cases: Adam Mauco Emballage
- Seguin Moreau Nadalié Radoux

AGRI-FOOD



Agri Sud-Ouest Innovation competitiveness cluster

Bio-control and bio-solutions cluster

France's leading agri-food region

Gironde: France's 3rd- ranking department for organic produce

10,430 employees and 1,050 establishments in Gironde (INSEE)

Leading regional export sector (incl. agriculture), 10 billion goods exported (2021)

Leading French region for quality certifications: 295

products (AOP, IGP, etc.)

27 major international groups located in the region

High-level industrial expertise in bio-production, extraction, nutrition and food storage, nutrition and brain function, fat and oil technologies

Food and Wine Tech nursery in Libourne (Technowest)

 $\mathbf{1}^{\mathrm{st}}$ university chair for organic agriculture (Bordeaux Sciences Agro)

Strategy for agricultural food resilience implemented by Bordeaux Métropole

Fields of excellence

- Fats, food lipo-chemistry
- Food quality and safety, toxicology
- Food processing technologies
- Health nutrition, genetic traceability
- Plant bio-technology, species selection
- Caviar (90% of French production)

Training

Bordeaux Sciences Agro - National Graduate
 School for Agronomic Sciences

 National Graduate School for Materials, Agrifood and Chemistry - ENSMAC

 Bordeaux Higher National School for Biomolecular Technology (ENSTBB)

Agri-food Industry Regional Training Institute
 IFRIA Aquitaine

 Bordeaux Institute of Natural Science and Agri-food - ISNAB

Transfer organizations

Nouvelle-Aquitaine Food Agency (AANA)

 Regional Association of Food Industries - ARIA Nouvelle-Aquitaine

▶ **Technological resource centers:** AGIR (Agrifood Innovation & Research)

ITERG CTI: leader in fat and protein recycling

 Terres Inovia Institute: Institute for plant and hemp oils & proteins

FranceAgriMer

▶ INRAE Transfert: engineering company for innovation

 Market of National Interest (MIN): Food excellence center

Research

 National Research Institute for Agriculture, Food and the Environment -INRAE

- Institute of Oils & Fats ITERG
- French Oceanic Studies Research Institute
 IFREMER
- Human Nutrition Research Institute of Aquitaine – IRNHA

► Institute for Bio-chemistry and Cellular Genetics- IBGC

Fruit and Vegetable Research Center
 INVENIO

Key companies

FoodTech: Comerso - Ondontella – BoxEaty
 TriDifoodies – Koovee – Palladines - Les
 Nouvelles Fermes – Kanopee Koncept

Biscuits and chocolate: Baillardran - CEMOI
 – Jock – La Compagnie du Biscuit – Mondelez
 France Biscuits - CPVD/Foulon - Nouvelle Maison

 Seguin – Delidess – la Toque Cuivrée -

 Beverages: La Martiniquaise - Les Eaux Minérales d'Arcachon – Lillet - Pampryl - Ricard
 Meneau - Moon Harbour – Hysope – Mama Kombucha

 Caviar and fish: Sturgeon - Caviar Perlita -Frigor - SAR Ocean

Dairy products: Cacolac - Le Petit Basque
 Froneri

 Canned goods: Bonduelle – Bongrain -Delpeyrat - Labeyrie - Lou Gascoun

- Oils: Lesieur Saipol
- Nutrition: Falières Nutrition Nutrikeo -Nutridry - Vitagermine - Yooji etc.

 Active ingredient suppliers: Activ'Inside – Exinnov - Fermentalg - Naolys - Laboratoire Phenobio - Saf-Isis - Pollenenergie

Trade: Touton SA

TOURISM

Bordeaux, ranked the world's 5th most sustainable tourist destination

(Global Destination Sustainability Index 2022)

'Innovative Sustainable Destination' certification

N°1 department for French visitors in the national ranking after Paris

France's leading wine tourism destination (6.8 million visits to vineyards annually)

2nd Atlantic port for sea cruise stopovers

1st regional incubator for tourism activities: TiPi 535

Creation of an investment fund: Croissance Tourisme Nouvelle-Aquitaine

Major events in 2023: Bordeaux Wine Festival, Rugby World Cup, the Tour de France, Robocup, WoodRise

'RESSOURCES 2027', the new road map for Bordeaux Airport

The DIGITOUR project to support digitalization and innovation

Excellence training: Vatel Hotel Management School, Culinary Institute of France, Lake Campus - Ferrandi Bachelor, school for sommeliers

Tourism economy

- 9% of regional GDP, 5% of employment
- ▶ €3.3bn in direct revenues
- 32,000 jobs in tourism in Gironde
- 6.4 million stays in Bordeaux Métropole (2022)
- ► A growing offer in hotel accommodation: 558,000 tourist beds in Gironde
- 29% foreign visitors

Business travel destination

► France's 8th leading host city for international conferences, in terms of number of events

▶ 8 conference centers: Cité Mondiale Convention Center, Palais de la Bourse, Hangar 14, Bordeaux Congress Center, Bordeaux Exhibition Center

► Hall Palais 2 L'Atlantique, Arcachon Congress Center, etc....

 Hosting of 2,500 national and international events in 2022

Leadership

- Gastronomy tourism
- Heritage tourism
- Wine tourism
- Cruise ship stopover
- Golfing destination
- Coastal tourism: Nautical and surfing activities

Attractiveness of the Gironde area

► The French department with the highest number of historical monuments

► Les Bassins de Lumières, the world's largest digital art center

► La Cité du Vin, a new-generation cultural center, 391,000 visitors

▶ 6 Vignobles & Découvertes-certified destinations ('Vineyards & Discoveries')

▶ 160 km of GR® hiking paths in Bordeaux Métropole, 1,500 km in Gironde

▶ 150 parks and natural spaces open to the public

 Leading national network of cycle paths (390 km of departmental cycle paths)

125 km of coastline in Gironde

 Bordeaux, the world's largest UNESCO World Heritage-listed ensemble

10 UNESCO World Heritage sites

Players

- Bordeaux Tourism & Conventions
- Bordeaux Events and More
- Gironde Tourism
- Bordeaux Ambassadors Club
- Great France (Consortium of Tourism Businesses and Activities in France)



BUSINESS CENTERS IN BORDEAUX MÉTROPOLE



Source: Bordeaux Gironde Convention Bureau

FINANCE/FINTECH

Financial center

3rd ranking region for capital raising in 2022, 39 operations in Gironde

4th **French banking center:** More than 10 international banks, inter-regional headquarters and merchant banks, Banque de France, Banque des Territoires

615 banking branches in Gironde

Leadership

- Activités financières et bancaires
- Assurance et courtage
- Business Angels
- Fintech
- Financement participatif

Training

Bordeaux University: around 60 master-level specializations in law and economic science

- Master in Insurance, Banking & Finance
- Professional degree in Finance & Insurance
- Master 2 in Finance 3.0

 Business Administration Institute (IAE)
 Master in International Management International & Finance

 Ynov Campus – Expert Master in Information Systems Development, in partnership with La Banque Postale

+More than 10 Business schools including KEDGE BS, INSEEC, ESG, ESSCA, ISG, IDRAC, ISEG Marketing

 Master in Innovation Management and Fintech (ESSCA)

MsC Banking and Finance (KEDGE)

 Master of Science 1 in Finance, Law, Taxation and Assets (INSEEC)

- Graduate School for Banking
- Bordeaux Political Studies Institute
- NoSchool (insurance and banking)

Research

 Bordeaux Economic Science Center (BSE -Bordeaux University) - 160 researchers and teachers

 VIA INNO, platform with initiative excellence accreditation

- Banking and Finance Research Chair (Corporate University Foundation)
- Bordeaux Laboratory for IT Research LaBRI
- INRIA Bordeaux- South-west research center

Financial and Insurance activities: 22,666 employees and 2,237 establishments in Gironde

A leading region for Fintech, Legaltec and Insurtech start-ups

Expertise: Applied data science for banking, marketing/mailing, digital engineering, etc.

Specialized service providers: DocOne – Cartégie – InfleXsys – Pouey International

Representative bodies and professional orders

 Bordeaux Place Financière et Tertiaire (BPFT) (Financial center and tertiary activities)

- Greater Aquitaine Regional Society of Auditors
- Nouvelle-Aquitaine Board of the French Banking Federation

 Corporate Law Institute of the Bordeaux Court (IDABB)

Aquitaine Region Order of Accountants

Key companies

Insurance

Headquarters: Filhet-Allard, Filhet-Allard Maritime - AMV (Assurances Moto Verte) – Axa Wealth Services – Eurodommages – Sompo Japan Nipponkoa Martin & Boulart SAS – SPB Family, etc.

 Management centers: Adenes - Gan Groupama
 Gras Savoye - Hiscox Assurances - MGEN -Natixis Assurances - Pacifica - Pro BTP, etc.

Banks

▶ Headquarters: Banque Populaire Aquitaine Centre Atlantique - Caisse d'Épargne Aquitaine Poitou-Charentes - CIC Sud-Ouest - Crédit Agricole d'Aquitaine - Crédit Mutuel du Sud-Ouest - FLOA Bank etc.

Business units / Service centers: IS dept. of La Banque Postale and Réseau La Poste- BNP Paribas BDDF - BNP Paribas Personal Finance - GIE AGIRC-ARRCO - Caisse des Dépôts (pension and solidarity department / IT CDC) - PwC expertise center, etc.

Private and asset management banks: Champeil - CA Indosuez Wealth Management -Edmond de Rothschild - Gresham Banque Privée - Lazard Frères Gestion – Meeschaert - Milleis Banque - Neuflize OBC - Rothschild Martin Maurel -Société Générale Private Banking - UBS Banque etc.

Capital investment

 Bank subsidiaries: Arkéa Capital - BNP Paribas Développement - Crédit Mutuel Equity
 GSO Capital - Ouest Croissance - Société Générale Capital Partenaires etc.

National investors: Demeter - Turenne Capital
 Yotta Capital Partners, etc.



 Local management organizations: Aquiti Gestion - Galia Gestion - IRDI SORIDEC Gestion
 iXO Private Equity - Newfund, etc.

 Regional authority-initiated funds (NACO, VitiRev, etc.) and a fund of funds: Nouvelle-Aquitaine Participations

 Participation and corporate venture holdings: Bernard Magrez – Groupe FIB - Nisima - Fayat Acceleration Startups, etc.

Business angels network: Arts et Métiers Business Angels Sud-Ouest - Club des Prophètes -Femmes Business Angels (FBA) - Finaqui Business Angels, Héméra, KEDGE Business Angels, etc. Crowdfunding platforms: Bordeaux Gironde Funding – HelloAsso - Happy Capital – Lumo -Solylend - Tudigo etc.

▶ Audit & consultancy: Deloitte - EY - KPMG -Mazars - PKF Arsilon - Compagnie Fiduciaire... More than 30 M&A consultancies and specialist Tax & Legal law firms

 Fintech-Legaltech-Insurtech: L'Addition -Ashler & Manson - Evollis – Ejara – Fridaa - LGO
 InfleXis - LegalVision – MyPension Pandat
 Finance – NEAT - Obvy - Soan Solutions – Shoyo
 Trésoria - Veracash – Widmee etc.

LOGISTICS & TRANSPORT

Atlantic coast multi-modal logistics platform

More than 37,000 private employees in the transport and warehouse sector in Gironde, 1,357 establishments

Major logistic sites: Bordeaux Freight – 7 port zones – airport platform – Hourcade platform – Libournais – MIN (Market of National Interest) - Cestas Pot au Pin – Médoc Logistics park – Aéroparc - etc. Bordeaux Port Atlantique, industrial and logistic platform Logistic start-up incubator, The Cdiscount Warehouse

Smart Mobility and Transport Chair (ENSEIRB-MATMECA)

New Colissimo platform for parcel sorting and delivery (2023)

A training and research center for logistics management

 Graduate School for Industrial Logistics (ISLI), leader in Supply Chain training

 Graduate School for International Transport and Logistics (ISTELI Bordeaux)

 INSEEC, MSc2 International Buying & Supply Chain Management

 Bordeaux University, Professional Degree in Logistic Process Management

 Technology Institute for Logistics and Transport Management (IUT)

- SNCF Réseau Campus (rail networks)
- Doctors Without Borders (MSF) training center

 Transport & Logistics Apprentice Training Center (CFATL)

AFT Training Centre, etc.

Specialist logistics for excellence sectors

- Wine and agri-food
- Automobile / nautical
- Pharmaceutical / healthcare
- Aeronautics / Maintenance / Out-sourcing
- Humanitarian activities

Major local logistic operators

Boueix Logistique - Daher Aerospace - Dartess -DHL - Geodis - Groupe GT - Lacoste - Schenker - Olano - Sea-Invest - STEF-TFE - Mitjaville - Montané - Heppner - Leroy Logistique -Rhenus - SELI - STERNE - UPS - XPO Logistics - Ziegler etc.

Regional user logistic platforms

Aldi, Auchan logistique, Airbus, Akidis, Axial, Base MSF Logistique, Ballande & Meneret, Banque Alimentaire, Carrefour Logistique, Castel, Cdiscount, CVBG, Decathlon, La Poste, Johanes Boubée, Joué Club, Martin Brower, Lactalis logistique, Leclerc, Lidl, Mondelez, Michelin, Nestle-Davigel, Oenoalliance, PGS, Royal Canin, Scaso Leclerc, Smurfit, Sanofi, Système U, Touton, Veralec, William Pitters, Yvon Mau, etc.

▶ Last mile logistics: TR Express, DB Schenker, La Poste, Les Triporteurs Bordelais, Urby, Uber, Deliveroo, etc.

 Professional and private storage: Homebox, Shurgard, Jestocke, etc.

▶ New delivery modes: Tindair project, Cdiscount 'Pelican' experiment and CHU 'Drone for Life' experiment (University Hospital), cargo bikes (VUF bikes)

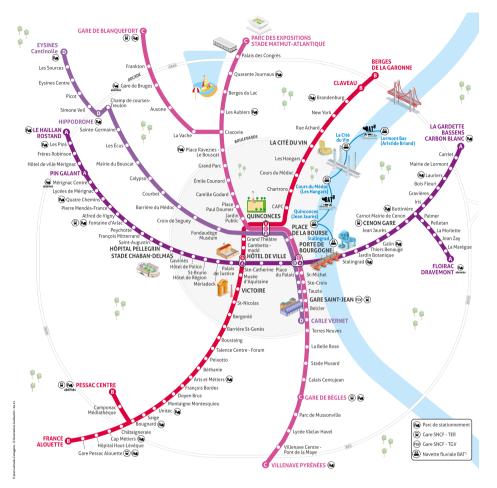
METROPOLITAN EXPRESS RAIL NETWORK MAP



Source: RER Métropolitain Bordeaux Nouvelle-Aquitaine.



TRAM NETWORK



Source: Keolis Bordeaux Métropole Mobilités

INVEST IN BORDEAUX

The Invest in Bordeaux agency identifies, qualifies and guides investment projects (location, relocation or expansions) in the Gironde County, in close collaboration with all public authorities, institutions and economic bodies. Invest in Bordeaux ensure the success of any new implantation by supporting investors and facilitating their integration into the local business eco-system.

An **agency for sustainable and responsible development**, it pays particular attention to the impact of projects and their coherence with local dynamics and regional concerns, and thus contributes to the balanced and reasoned development of the Gironde County.

Our service offer



Pre-selection of sites and advice in activity location



Assistance with administrative formalities

Our websites



Guidance in HR and mobility aspects



Integration in the local ecosystem / Communication



Information on the local economic sphere



Funding solutions and financial aid

https://investinbordeaux.fr/ https://bordeaux.finance/ https://www.vivre-bordeaux.com/

Our funders





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f https://www.facebook.com/InvestinBx

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KEY MEMBERS IN 2022





Cotisation 2022 >= 1200€



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