

2023



Investment operations by Swiss and Liechtenstein organisations in Spain, with a focus on Information and Communications Technologies (ICT)

Economic and Trade Office of the Spanish Embassy in Berne

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This study was carried out by Carles García Somolinos

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## 1. Spain's attractiveness as an investment destination in the ICT industry

Below are a series of key factors in the attractiveness of Spain as an ICT investment destination, supported with data taken from the <u>Invest in Spain portal</u>, in particular its <u>page on the ICT industry</u> and the related brochure.

- Talent and human resources 48% of the population aged between 25 and 34 have completed higher education, and 21.9% are STEM graduates (well above the European average of 13.6%). Labour costs are lower than those in neighbouring countries and the European average. The extensive network of Spanish universities and professional training centres offer regulated ICT studies throughout the country, in close partnership with companies to promote courses relating to digital skills.
- Technological infrastructure According to the 2021 edition of the Digital Economy and Society Index produced by the European Commission, Spain ranks third in the EU in terms of connectivity, and seventh in digital public services, with levels well above the EU average. Spain does actually have the largest fibre optic network in the EU and the third largest in the OECD, with 88.3% of high-speed connections being 100 Mbps or more, and 96.2% being 30 Mbps or more. In terms of mobile telephony, Spain has more than 56 million terminals and 172,000 mobile communication stations. As for supercomputing, Spain is home to the Mare Nostrum 4 supercomputer, the third most powerful supercomputer in Europe and the thirteenth in the world. It is also a strategic node for submarine cables, and an extensive network connects Spain with Europe, Africa and America.
- Very attractive domestic market in full expansion: The ICT industry in Spain accounts for around 5% of GDP and 4% of exports, with an ecosystem of more than 37,000 companies that employ more than 580,000 workers, and with prestigious Spanish multinationals such as Telefónica, Amadeus, Indra and Everis leading projects in international markets. The trend in recent years has seen the industry growing at double-digit year-on-year rates, and already recovering to its pre-pandemic size. 33 million of Spain's 47 million inhabitants are internet users, with a mobile penetration rate of 120%.
- **Governmental support:** Spain is the country that will receive most funds from the Recovery, Transformation and Resilience Plan (NextGenerationEU), up to €140 billion between 2021 and 2026 in fact, 23.1% of which will go to the modernisation and digitalisation of industry, SMEs and tourism, and to promoting entrepreneurship in Spain. The national commitment in





this regard is reflected in the <u>Digital Spain Plan 2026</u>, which sets out specific strategies to promote crucial technologies for the country in specific areas such as 5G, cybersecurity, "big data" and artificial intelligence.

The industries in which Spain is attracting most ICT investment feature banking and financial services, electronic commerce, telecommunications, tourism and the automotive industry. These industries are undergoing a significant digital transformation and are having a knock-on effect on others.

Lastly, and as a specific example of ICT where Spain is currently making a strong push, we should mention data centres, whose installed capacity is expected to grow at a rate of 43.24% until 2026, which is well above the average of 16.58% in the other main European markets (London, Frankfurt, Amsterdam and Paris), according to Spanish Association of Data Centres estimates. Before the 2026 horizon, this association foresees an accumulated foreign direct investment flow of 6.84 billion euros in Spanish data centres, in addition to another 10 billion euros in indirect investment in hardware, software, operation and maintenance. The commitment to Spain by large companies in the industry such as Microsoft, Google, IBM, Amazon Web Services, Meta and Oracle shows the extent to which Spain is increasingly positioning itself as the digital centre of southern Europe.





## 2. Specific Swiss and Liechtenstein investment operations in the ITC industry in Spain

The most dynamic item in the bilateral balance of payments between Spain and Switzerland in recent years has been exports of ICT services from Spain to Switzerland, quadrupling between 2014 and 2021 to 560 million euros. This very positive trend reflects the growing choice among large Swiss companies to centralise ICT management and software development in their subsidiaries in Spain, outsourcing these services to Spanish companies for the whole group or for Swiss companies of all sizes.

| Swiss organisation         | F. Hoffmann-La Roche Ltd  |  |
|----------------------------|---|--|
| Local headquarters (Spain) | Global Infrastructure & Solutions Madrid (GIS)  |  |
| Address                    | C. Osiris, 11, 28037  |  |
| Province                   | Madrid  |  |
| City                       | Madrid  |  |
| Operation                  | Global IT Centre and development of innovative digital solutions                      |  |
| Industry                   | Pharmaceuticals   |  |
| Reference                  | Roche makes Madrid its largest global IT headquarters (eleconomista.es)               |  |
| Veletelice                 | Roche invests 51 million euros in its Sant Cugat (Barcelona) campus (eleconomista.es) |  |

| Swiss organisation         | Axpo Holding AG   |
|----------------------------|---|
| Local headquarters (Spain) | Axpo Iberia S.L.  |
| Address                    | Paseo de la Castellana 95, flat 20 28046  |
| Province                   | Madrid  |
| City                       | Madrid  |
| Operation                  | Energy solutions  |
| Industry                   | Energy  |
| Reference                  | Interview with José Sánchez Romero, Head of IT at AXPO - Interview for Plataforma |
| Reference                  | enerTIC.org   |

| Swiss organisation            | Arxada AG  |
|-------------------------------|--|
| Local headquarters<br>(Spain) | <u>Arxada</u>  |
| Address                       | Pg. de la Zona Franca, 105, 08038                                      |
| Province                      | Barcelona  |
| City                          | Barcelona  |
| Operation                     | Centre of Excellence (IT, Business Intelligence, Finance)              |
| Industry                      | Chemicals  |
| Reference                     | Arxada to open centre of excellence in Barcelona (investinspain.org)() |





| Swiss<br>organisation   | FunPlus International AG   |  |  |
|---|--|--|--|
| Local headquarters  | Funplus Games Spain S.L.   |  |  |
| (Spain)   |  |  |  |
| Address   | Calle Casp , 21 - p.5 08010  |  |  |
| Province  | Barcelona  |  |  |
| City  | Barcelona  |  |  |
| Operation   | Innovation centre  |  |  |
| Industry  | Video Games  |  |  |
| Reference   | FunPlus company to start developing video games in Spain   Technology (elmundo.es)   |  |  |
| Swiss organisation  | Galderma Group   |  |  |
| Local headquarters<br>(Spain)   | GALDERMA SERVICES SPAIN S.L.   |  |  |
| Address   | Calle Casp , 21 - p.5 08010  |  |  |
| Province  | Barcelona  |  |  |
| City  | Barcelona  |  |  |
| Operation   | Finance, Human Resources, IT, Legal, Supply Chain  |  |  |
| Industry  | Pharmaceutics  |  |  |
|   | Galdermas strengthens its presence with a new Global Training Centre in Barcelona to support international growth (yahoo.com)  |  |  |
| Reference   |  |  |  |
| Swiss organisation  |  |  |  |
|   | support international growth (yahoo.com)   |  |  |
| Swiss organisation Local headquarters   | Support international growth (yahoo.com)  AXA Investment Managers/Swiss Life Asset Managers (Joint Venture)  |  |  |
| Swiss organisation Local headquarters (Spain)   | Support international growth (yahoo.com)  AXA Investment Managers/Swiss Life Asset Managers (Joint Venture)  Lyntia Networks S.A.  |  |  |
| Swiss organisation Local headquarters (Spain) Address   | AXA Investment Managers/Swiss Life Asset Managers (Joint Venture)  Lyntia Networks S.A.  P.º de la Castellana, 259D, 28046   |  |  |
| Swiss organisation Local headquarters (Spain) Address Province  | AXA Investment Managers/Swiss Life Asset Managers (Joint Venture)  Lyntia Networks S.A.  P.º de la Castellana, 259D, 28046  Madrid   |  |  |
| Swiss organisation Local headquarters (Spain) Address Province City   | AXA Investment Managers/Swiss Life Asset Managers (Joint Venture)  Lyntia Networks S.A.  P.º de la Castellana, 259D, 28046  Madrid  Madrid   |  |  |
| Swiss organisation Local headquarters (Spain) Address Province City Operation   | AXA Investment Managers/Swiss Life Asset Managers (Joint Venture)  Lyntia Networks S.A.  P.º de la Castellana, 259D, 28046  Madrid  Madrid  Joint Venture for investment   |  |  |
| Swiss organisation Local headquarters (Spain) Address Province City Operation Industry  | AXA Investment Managers/Swiss Life Asset Managers (Joint Venture)  Lyntia Networks S.A.  P.º de la Castellana, 259D, 28046  Madrid  Madrid  Joint Venture for investment  Telecommunications  Alliance of insurers Axa and Swiss Life buys Lyntia Networks for more than 2 billion euros   |  |  |
| Swiss organisation Local headquarters (Spain) Address Province City Operation Industry Reference  | AXA Investment Managers/Swiss Life Asset Managers (Joint Venture)  Lyntia Networks S.A.  P.º de la Castellana, 259D, 28046  Madrid  Madrid  Joint Venture for investment  Telecommunications  Alliance of insurers Axa and Swiss Life buys Lyntia Networks for more than 2 billion euros (eleconomista.es)   |  |  |
| Swiss organisation Local headquarters (Spain) Address Province City Operation Industry Reference  Swiss organisation Local headquarters                               | AXA Investment Managers/Swiss Life Asset Managers (Joint Venture)  Lyntia Networks S.A.  P.º de la Castellana, 259D, 28046  Madrid  Madrid  Joint Venture for investment  Telecommunications  Alliance of insurers Axa and Swiss Life buys Lyntia Networks for more than 2 billion euros (eleconomista.es)  ABB Asea Brown Boveri Ltd  |  |  |
| Swiss organisation Local headquarters (Spain) Address Province City Operation Industry Reference  Swiss organisation Local headquarters (Spain)                       | AXA Investment Managers/Swiss Life Asset Managers (Joint Venture)  Lyntia Networks S.A.  P.º de la Castellana, 259D, 28046  Madrid  Madrid  Joint Venture for investment  Telecommunications  Alliance of insurers Axa and Swiss Life buys Lyntia Networks for more than 2 billion euros (eleconomista.es)  ABB Asea Brown Boveri Ltd  ABB Robotics Innovation Center  |  |  |
| Swiss organisation Local headquarters (Spain) Address Province City Operation Industry Reference  Swiss organisation Local headquarters (Spain) Address               | AXA Investment Managers/Swiss Life Asset Managers (Joint Venture)  Lyntia Networks S.A.  P.º de la Castellana, 259D, 28046  Madrid  Madrid  Joint Venture for investment  Telecommunications  Alliance of insurers Axa and Swiss Life buys Lyntia Networks for more than 2 billion euros (eleconomista.es)  ABB Asea Brown Boveri Ltd  ABB Robotics Innovation Center  Calle Illa de Buda 55,Poligono Industrial S.O. 08192                                    |  |  |
| Swiss organisation Local headquarters (Spain) Address Province City Operation Industry Reference  Swiss organisation Local headquarters (Spain) Address Province      | AXA Investment Managers/Swiss Life Asset Managers (Joint Venture)  Lyntia Networks S.A.  P.º de la Castellana, 259D, 28046  Madrid  Madrid  Joint Venture for investment  Telecommunications  Alliance of insurers Axa and Swiss Life buys Lyntia Networks for more than 2 billion euros (eleconomista.es)  ABB Asea Brown Boveri Ltd  ABB Robotics Innovation Center  Calle Illa de Buda 55, Poligono Industrial S.O. 08192  Sant Quirze del Vallès           |  |  |
| Swiss organisation Local headquarters (Spain) Address Province City Operation Industry Reference  Swiss organisation Local headquarters (Spain) Address Province City | AXA Investment Managers/Swiss Life Asset Managers (Joint Venture)  Lyntia Networks S.A.  P.º de la Castellana, 259D, 28046  Madrid  Madrid  Joint Venture for investment  Telecommunications  Alliance of insurers Axa and Swiss Life buys Lyntia Networks for more than 2 billion euros (eleconomista.es)  ABB Asea Brown Boveri Ltd  ABB Robotics Innovation Center  Calle Illa de Buda 55,Poligono Industrial S.O. 08192  Sant Quirze del Vallès  Barcelona |  |  |



**Swiss organisation** 

Local headquarters

(Spain)

Address

Province

City

**Ypsomed Holding** 

Ypsomed Software S.L.

Rambla Catalunya, 18 - P. 1 08007

Barcelona

Barcelona



| Operation | IT Centre   |
|-----------|---|
| Industry  | MedTech   |
| Reference | Ypsomed opens first R+D centre outside Switzerland in Barcelona   Cinco Días (elpais.com) |

| Swiss organisation            | ERNI Schweiz AG  |
|-------------------------------|--|
| Local headquarters<br>(Spain) | Erni Development Centre Spain.L.                               |
| Address                       | Alameda 4, flat 1, doors 1-2.46010 Valencia                    |
| Province                      | Valencia   |
| City                          | Valencia   |
| Operation                     | IT Solutions   |
| Industry                      | Health, Finance, Insurance, Manufacturing, MedTech, Government |
| Reference                     | Erni, high design software in Barcelona (lavanguardia.com)     |

| Swiss organisation         |                              | Bystronic Sales AG  |         |
|----------------------------|------------------------------|---|---------|
| Local headquarters (Spain) |                              | Kurago Software S.L.  |         |
| Address                    |                              | Calle Ercilla, 24 - 5 Plt Iz Dr 48011                             |         |
| Province                   |                              | Basque Country  |         |
| City                       |                              | Bilbao  |         |
| Operation                  |                              | IT Solutions (Software)   |         |
| Industry                   |                              | Sheet metal   |         |
| Reference                  | Bystronic acquires engineeri | ring company Kurago to speed up Smart Factory deve<br>Kurago Blog | lopment |

| Swiss organisation         | Zurich Insurance Group Ltd  |
|----------------------------|---|
| Local headquarters (Spain) | Technology Delivery Center (ServiZurich)                                      |
| Address                    | Bac de Roda 58, Building C, 08019   |
| Province                   | Barcelona   |
| City                       | Barcelona   |
| Operation                  | Technology Centre   |
| Industry                   | Insurance   |
| Reference                  | Zurich Seguros restructures its digital business in Spain and puts Stefano de |
| Reference                  | <u>Liguoro in charge of the new team (merca2.es)</u>                          |

| Swiss organisation         | Nestlé S.A  |
|----------------------------|---|
| Local headquarters (Spain) | Nestlé Global IT Hub  |
| Address                    |   |
| Province                   | Barcelona   |
| City                       | Esplugues   |
| Operation                  | Global IT Centre  |
| Industry                   | Food  |
| Reference                  | Five years of the "Global IT Hub" in Barcelona   Nestlé (nestle.es) |
|                            |   |

| Swiss organisation         | Also Schweiz AG                    |
|----------------------------|------------------------------------|
| Local headquarters (Spain) | ALSO Cloud Spain S.L.U.            |
| Address                    | Calle Reina Cristina, 9 - Pr 08003 |
| Province                   | Barcelona                          |





| City      | Barcelona  |
|-----------|--|
| Operation | IT Solutions   |
| Industry  | IT   |
| Reference | Swiss technology provider ALSO prepares to open headquarters in Barcelona for 2021 (thenewbarcelonapost.com) |

Swiss organisation Also Schweiz AG

| Local headquarters (Spain) | Ireo Soluciones Y Servicios S.L.   |
|----------------------------|--|
| Address                    | Calle Castrobarto, 10 28042  |
| Province                   | Madrid   |
| City                       | Madrid   |
| Operation                  | Acquisition  |
| Industry                   | IT   |
| Reference                  | ALSO accelerates growth in Spain with acquisition of IREO   Distribution   IT Reseller |
|                            |  |

Swiss organisation Pix4D SA

| Local headquarters (Spain) | PIX4D SPAIN SL.  |  |  |
|----------------------------|--|--|--|
| Address                    | Paseo de la Castellana, 77 28046                           |  |  |
| Province                   | Madrid   |  |  |
| City                       | Madrid   |  |  |
| Operation                  | Innovation and Development Centre                          |  |  |
| Industry                   | IT Solutions (Photogrammetry Software)                     |  |  |
| Reference                  | Pix4D accelerates growth with new office in Madrid   Pix4D |  |  |

Swiss organisation Swiss Reinsurance Company Ltd

| Local headquarters (Spain) | <u>iptiQ Life S.A</u> .  |
|----------------------------|--|
| Address                    | Torre Europa Paseo de la Castellana 95 11 & 14 Floors 28046                  |
| Province                   | Madrid   |
| City                       | Madrid   |
| Operation                  | Digital B2B2C Insurance Company  |
| Industry                   | Insurance  |
| Reference                  | WiZink partners with Swiss Re to enter insurance business with its own brand |
| Kelelelice                 | (europapress.es)   |

Swiss organisation Swiss Reinsurance Company Ltd

| Local headquarters (Spain) | Swiss Re International S.E.  |
|----------------------------|--|
| Address                    | Torre Europa Paseo de la Castellana 95 11 & 14 Floors 28046                                  |
| Province                   | Madrid   |
| City                       | Madrid   |
| Operation                  | Technology Centre (Data and Cybersecurity)   |
| Industry                   | Insurance  |
| Reference                  | Swiss Re to take on 150 employees in Madrid to create technological hub (elconfidencial.com) |

Swiss organisation Holcim Ltd

| Local headquarters (Spain) | Holcim EMEA Digital Center S.L. |
|----------------------------|---------------------------------|
| Address                    | C. de Albasanz, 14, 28037       |
| Province                   | Madrid                          |
| City                       | Madrid                          |
| Operation                  | Global Digital Centre           |





| Industry  | Construction, Consultancy  |
|-----------|--|
| Reference | Holcim EMEA Digital Centre optimises data management with the support of the |
|           | Salesforce platform - Salesforce Blog  |

Swiss organisation Avalog Group AG

| Local headquarters (Spain) | Avalog Iberia S.L.   |
|----------------------------|--|
| Address                    | Paseo de la Castellana 180, 28046                                  |
| Province                   | Madrid   |
| City                       | Madrid   |
| Operation                  | Subsidiary   |
| Industry                   | IT applications provider for asset management                      |
| Reference                  | Bankia accelerates democratisation of asset management with Avalog |
|                            | (fundssociety.com)   |

Swiss organisation Axpo Group – Axpo Solutions AG

| Local headquarters (Spain) |  |          | Axpo Iberia S.      | <u>L.</u>      |  |
|----------------------------|--|----------|---------------------|----------------|--|
| Address                    |  | Paseo de | e la Castellana 95, | flat 20, 28046 |  |
| Province                   |  |          | Madrid              |                |  |
| City                       |  |          | Madrid              |                |  |
| Operation                  |  |          | Subsidiary          |                |  |
| Industry                   |  |          | Energy              |                |  |
| Reference                  | Axpo Iberia S.L. is one of the IT development centres for Grupo Axpo, following a nearshoring approach |          |                     |                |  |

Liechtenstein organisation LGT Private Banking

| Local headquarters (Spain) | [Under construction]  |
|----------------------------|---|
| Address                    | [Under construction]  |
| Province                   | Barcelona   |
| City                       | Barcelona   |
| Operation                  | Digital Centre  |
| Industry                   | Private bank  |
| Reference                  | LGT opens digital hub in Barcelona - Private Banker International |

Swiss organisation Yokoy Group AG

| Local headquarters (Spain) | [Under construction]               |  |
|----------------------------|------------------------------------|--|
| Address                    | [Under construction]               |  |
| Province                   | Madrid                             |  |
| City                       | Madrid                             |  |
| Operation                  | Subsidiary                         |  |
| Industry                   | Digitalisation and automation      |  |
| Reference                  | ¡Hola, Madrid! Yokoy goes to Spain |  |

Swiss organisation Sandsiv Switzerland Ltd.

| Local headquarters (Spain) | [Under construction] |
|----------------------------|----------------------|
| Address                    | [Under construction] |





| Province  | Valencia  |
|-----------|---|
| City      | Valencia  |
| Operation | Subsidiary                                      |
| Industry  | Customer Experience Management                  |
| Reference | Sandsiv opens doors to new location in Valencia |

| Swiss organisation         | Kudelski Group  |
|----------------------------|---|
| Local headquarters (Spain) | [Under construction]  |
| Address                    | [Under construction]  |
| Province                   | Madrid  |
| City                       | Madrid  |
| Operation                  | Cyber Fusion Center (CFC)   |
| Industry                   | IT Security   |
| Reference                  | Kudelski Security Launches Cyber Fusion Centre in Spain to Address Rising Cyber Threats |





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