

Invest Córdoba

Science and Technology as an input for productive development

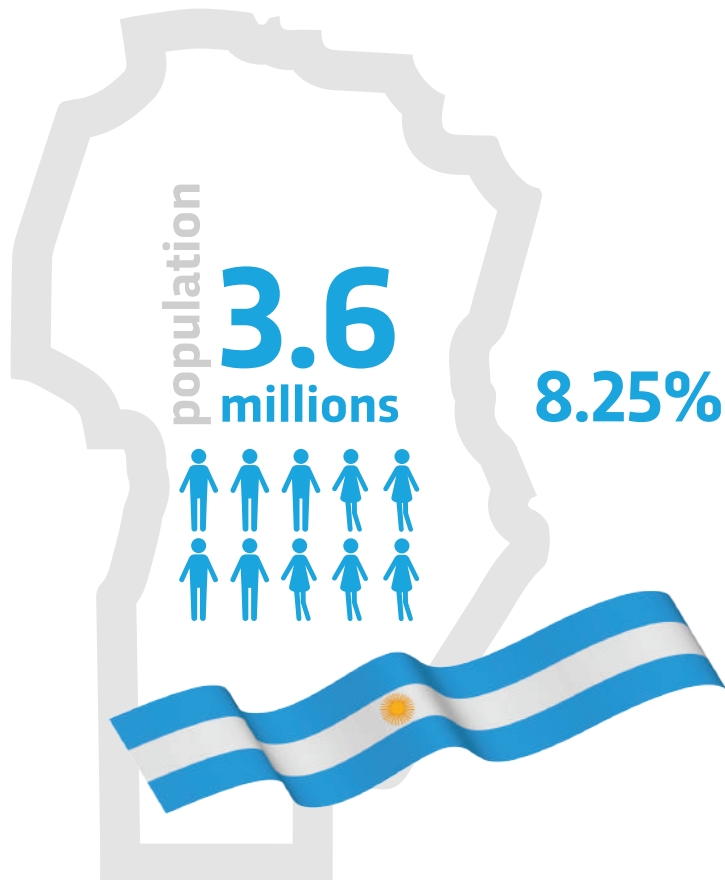
Ministerio de
**CIENCIA Y
TECNOLOGÍA**



About Córdoba

Córdoba is the second Province in Argentina after Buenos Aires.

It has a population of over **3.6 millions inhabitants** and it represents **8.25%** of the population of Argentina.



Productive profile

Due to its geographical location, its weather and topographical conditions; various productive activities such as agriculture, manufacturing industry and tourism are favored



Number 1 producer

This led Córdoba to be number 1 in Soya Beans production, number 1 in corn production, number 1 in peanut production (more than 95% of Argentinas production), number 1 in chickpea and sorghum production and number 1 in milk production.

Córdoba also **produces 70% of corn ethanol** leading the way of reducing carbon emissions and **promoting a circular economy.**

Automotive Industry



3 out of **10** cars produced in Argentina, are **made in Córdoba**



Over **160.000** units are being projected to be produced in Córdoba in 2022



Some of the most renowned **terminals** are settled in Córdoba: Nissan - Renault - Iveco -Fiat Chrysler - Volkswagen



More than **250** auto **parts companies** are providers of parts, pieces, components and accessories necessary for the production of this terminals

Agricultural machinery

Córdoba is known for being the main producer of capital goods of the agricultural sector, highlighting the production of **harvesters, tractors, hoppers, seeders, sprayers and grain baggers.**

35%

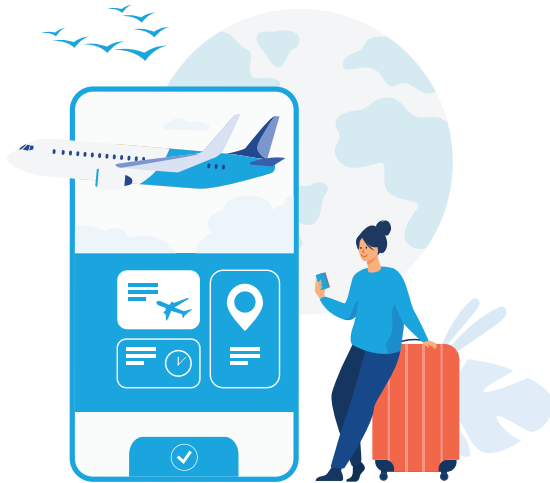
of the **national production** is from Córdoba

1st

in **exports** nationwide

Tourism

Córdoba is one of the main touristic regions of the country, known for its valleys, hills and rivers, as well as for its cultural, sports and entertainment events.



The international Airport of Córdoba is the second airline hub of Argentina



In terms of Business Tourism, Córdoba is the 1st in the country outside Buenos Aires.



5.987.354
Tourists visited Córdoba between December 2021 and March 2022

Export profile: in 2021 Córdoba's exports represented **16%** of Argentina's exports.



14.000.000
acres dedicated to primary production activities.

7.5 million
acres are agriculture

In terms of industrial composition:

40% of Córdoba's GDP is in the food chain with top companies such as Arcor, AGD and Helacor (4th chain of ice cream outlets in the world)



40% GDP

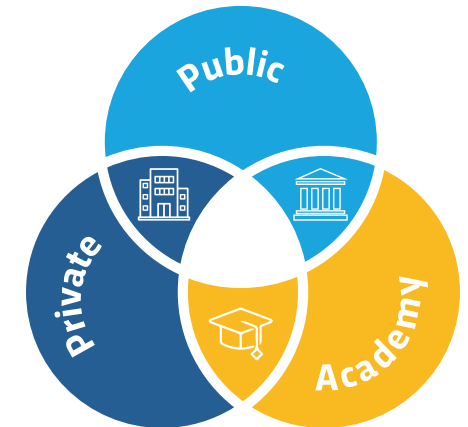
The government outlined an ambitious plan to bring **internet connectivity** to all the province's territory



More than **5.500** kilometers of fiber optic cable laying

There are **4.390** schools in Córdoba. 100% of them are connected to internet

Córdoba Management Model



Public - Private - Academy articulation for:

Consensus building

Design of public policies

Adequate legal framework for productive development

Knowledge Economy Law 10722

Industrial Promotion Law 9727

Good Agricultural Practices Program Law 10633

Promotion and Development of the Production and Consumption of Biofuels and Bioenergy Law 10721

Technological scientific system

One of its main characteristics is the outstanding generation of knowledge and its constant connection and transfer to the socio-productive sectors.

276.118 graduate and undergraduate students

24% of which come from other cities and provinces

3% come from abroad

19% belong to STEM disciplines

Over **20.946** students graduate per year

10,6% graduate from STEM careers

89,4% from the rest of them

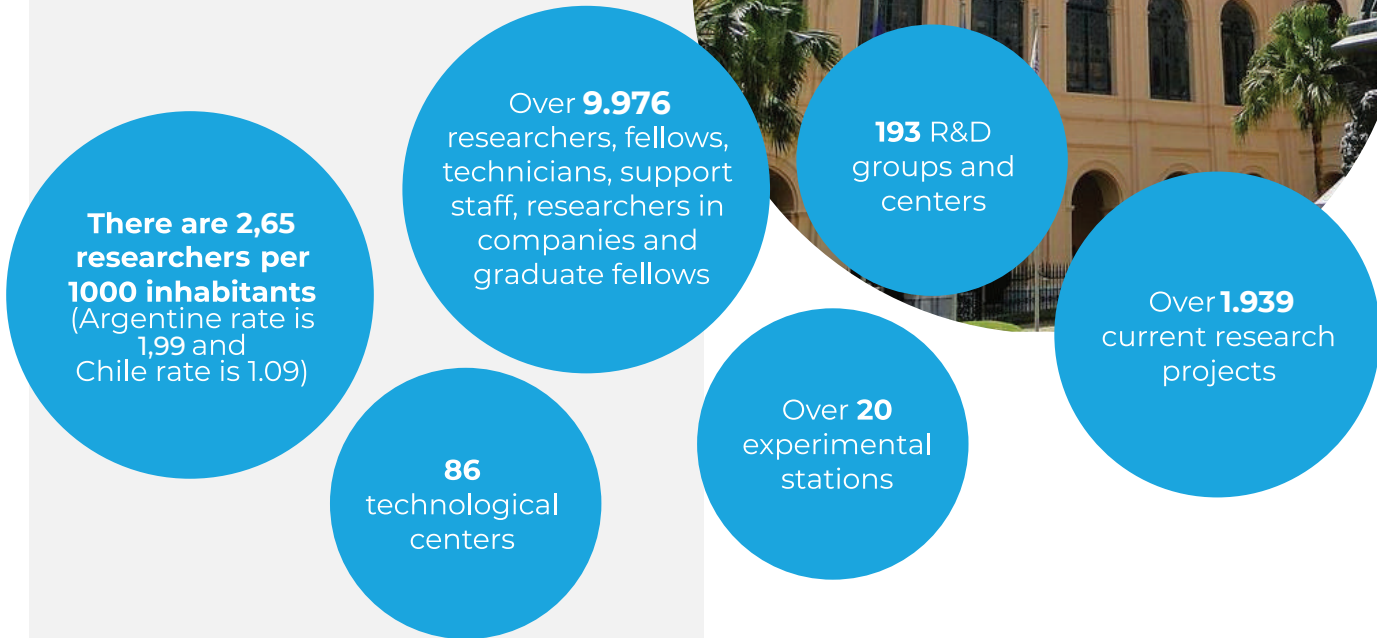
42 PROA Schools, focused on Software Development and ICT



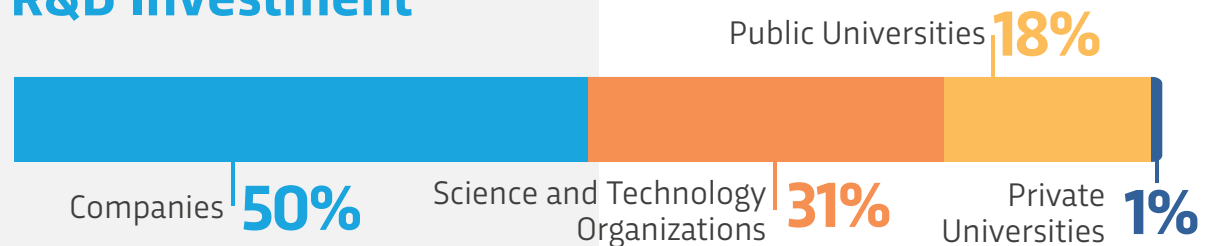
12 universities

Being one of the most important college districts in Argentina, Córdoba has 12 universities and receives students from all over the country.

Córdoba's National University is one of the top 60 universities in Latin America. It's over 400 years old.



R&D Investment



Knowledge Economy

Córdoba understands the Knowledge Economy (KoE) as a set of activities characterized by the generation and application of knowledge and technologies for the creation or transformation of products and/or services with high added value.

There are about **58.700 companies** in Córdoba

2.900 are Knowledge Economy Companies

This is 4,9% of total companies in Córdoba and 10,4% of the total of Knowledge Economy companies in Argentina.

This sector grows over 8 percent YoY.

These are public and private companies that focus on producing and selling knowledge based services and knowledge embedded in product.



In terms of employment

There are over **533.000 registered jobs** in Córdoba

The Knowledge Economy is responsible for 57.000, which represents 10,5% of the total employment of Córdoba, and 9,5% of the total Knowledge Economy employment in Argentina.

This number is growing at 5,5% YoY.

In terms of salary,

Knowledge Economy jobs pay over **24 and 50% more** than the rest of the economic activities.

In terms of exports,

Knowledge Economy sales are projected for **U\$S 1.000 millones** for the year 2030.

Knowledge Economy activities include:

-  Computer software and services
-  Bioeconomy and Biotechnology
-  Geological and electronic services
-  Professional export services
-  Nanotechnology
-  Aerospace and Satellite
-  Engineering for the Nuclear Industry
-  Industry 4.0 (Robotics, A.I, Virtual and Augmented Reality, IoT)
-  R&D
-  Audiovisual and gaming

The purpose is to promote awareness, articulation with the academic sector for education and training, facilitate meetings and articulation between actors and promote innovation, knowledge transfer, technological adoption and the development of specific projects. and impact.

SusTECHability

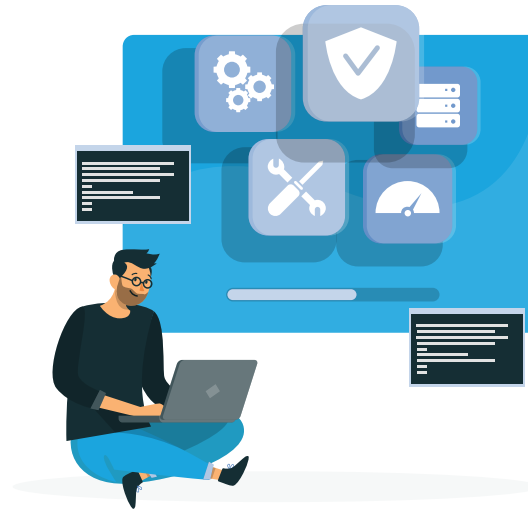


Computer and Software Services

Computer and Software Services is one of the sectors that has grown exponentially in recent years.

In 2003, Córdoba was the first Province in Argentina to recognize Software as an industrial activity. This provided the perfect framework to encourage top international IT firms to settle in Córdoba.

Motorola, Intel, Hewlett Packard paved the way to enhance the IT ecosystem in terms of education and economic development.



663 registered software companies

+13,6% YoY Growth

In 2021, the industry invoiced
US\$ 220.553.719

15.335 Employees in the sector

2,9% of total Province employment

Biotechnology

Focused in Agriculture, Livestock, Industrial, Biomedicine, Bioinformatics.

Córdoba is number 2 in the country in amount of researchers and research projects



73 Biotech Companies and Startups in Córdoba



10 undergraduate and graduate courses



In March 2022, the Province together with the private and academic sector formed the first biotechnological cluster of Córdoba.



In 2021, the industry invoiced
US\$ 175.809.918



It employs
3.083 people

Ceprococor

State owned biotec company



ANALYTICAL SERVICE MANAGEMENT

CEPROCOR is a scientific-technological center that belongs to the Government of the Province. It is a reference institution in Argentina, dedicated to research, development, technological services and innovation in products and processes, in order to transfer solutions in the areas of food, nutrition, environment and medicines, to the public and private sector.

It specializes in biotechnology, micro and nanotechnology, genetics and molecular biology, chemical technology, among others

Over 150 researchers, technicians, fellows and tech managers are employed by CEPROCOR, reaching more than 50.000 analytical tests in the different areas

MAIN ACHIEVEMENTS



PATENTS: 18 patents in 35 countries



TRANSFERS: +100 technologies transferred



External **FUNDING** por R&D: + **USD 1.350.000**



PUBLICATIONS: 10 per year in reference magazines

INTERNAL RESEARCH PROJECTS

30 research projects per year.

3 main areas: Environment, Food and nutrition, Medicines and Medical Technology.

CEPROCOR runs on average **55.000 tests annually**, in response to demands coming from the public (10%) and private (90%) sector.

CEPROCOR has given answers and solutions to the Province issues regarding DNA, COVID 19, Environment, Food and Health.

Offers high complexity services only available by few bidders in Argentina:

- Experiments to evaluate virucidal and Bactericidal power
- Bioavailability and bioequivalence tests
- Rare molecule synthesis
- Biodiesel program

Córdoba Innovation and Entrepreneurship Agency



In total, this co-investments helped to create 636 new jobs. In average, 10 per startup

The **Córdoba Innovation and Entrepreneurship Agency** is a mixed economy company whose partners are the Provincial State and, the private sector, with the participation of local companies and business entities. Its Board of Directors is made up of representatives of these institutions, together with the academic sector and the entrepreneurial ecosystem.

The Agency carries out co-investment programs that stimulate entrepreneurship, encourage innovation and allow the direct participation of accelerators, angel capital and sponsor companies



The Agency has **co-invested** so far in **64 startups**



49 with **private investors**



15 with **Accelerators and VC**



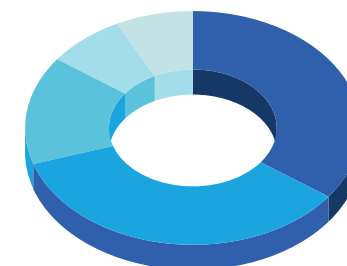
For every \$ Ars the Agency has invested, the **private sector has invested \$2,8 Ars**



77% of the startups billed in 2021 for **U\$S 4.160.310**

STAGES OF THE STARTUPS CO-INVESTED:

35% early
35% scale up
15% seed
7,5% expansion
7,5% consolidation



MARKET FIT

52%
local

36%
regional

12%
global



Universities



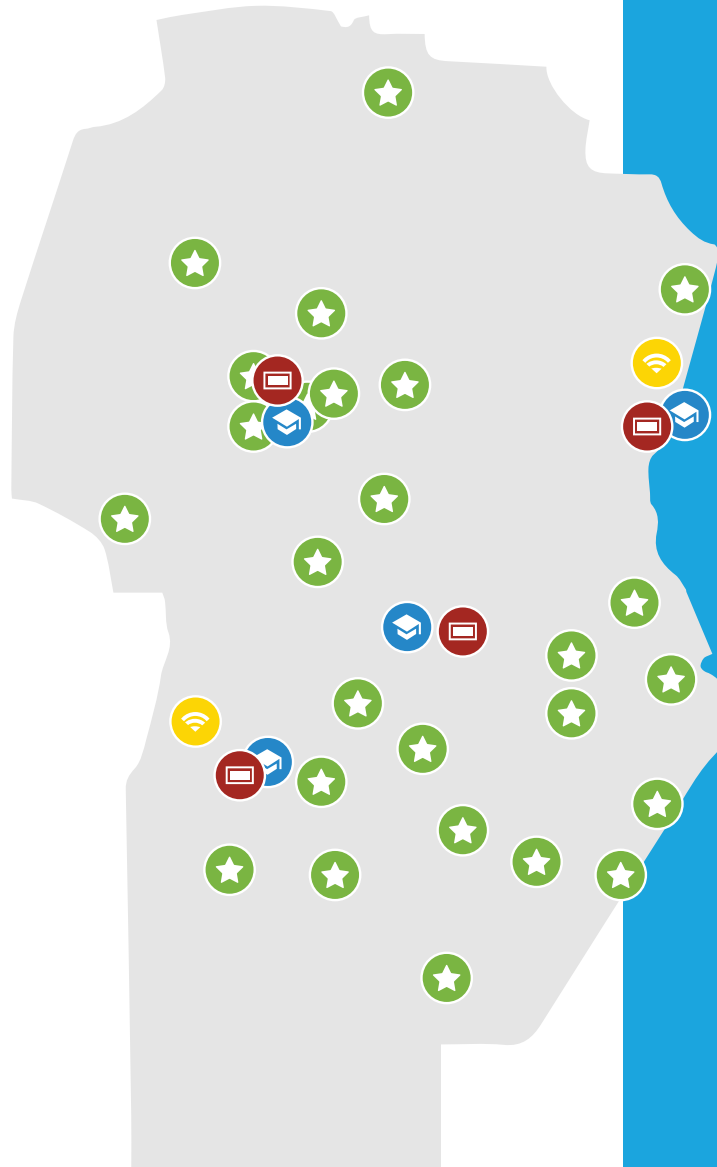
Technological clusters



Labs and R&D centers



Scientific-Technological Parks



Scientific and Technological Public Policies and Programs are available all over the province, enhancing each regions development opportunities.

INTERACTIVE MAP



Juan Schiaretti

Governor of the Province of Córdoba, Argentina

Pablo de Chiara

Minister of Science and Technology,
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entre todos