

# Invest Córdoba

Science and Technology as an input for productive development

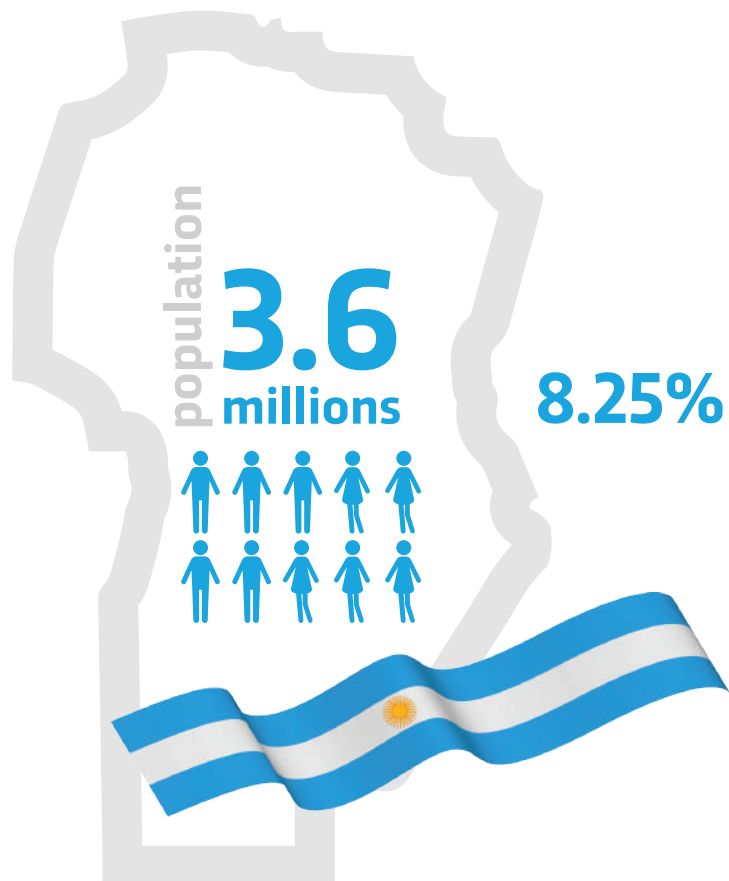
Ministerio de  
**CIENCIA Y  
TECNOLOGÍA**



# 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 Argentina's 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** 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%**

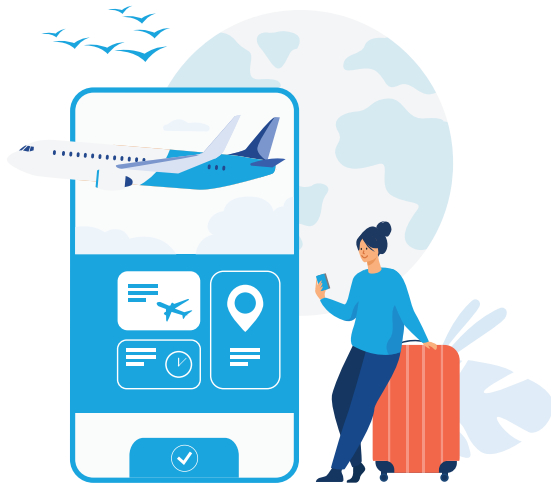
of the **national production** is from Córdoba

**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 for its cultural, sports and entertainment events.



**The international Airport of Córdoba is the second aerospace 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 the GDP of Córdoba is in the food chain.** Highlight 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 **8000** kilometers of fiber optic cable laying

There are **4390** Scholls 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.

**263.198** graduate and undergraduate students

**24%** of them come from other cities and provinces

**3%** come from abroad

**16,3** belong to STEM disciplines

Over **10.000** 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

There are 12 universities in Córdoba and is one of the most important college district in Argentina and students from all over the country come to study.

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



Over **8.100** researchers, fellows, technicians and support staff

**193** R&D groups and centers

Over **1720** current research projects

There are **2,11 researcher per 1000 inhabitants** (Argentine rate is 2,98 and Chile rate is 1.09)

**86** technological centers

Over **20** experimental stations

# 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.

In Córdoba there are around **57.000 companies**

**2.700** are Knowledge Economy Companies

This is 4,8% 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 **500.000 registered jobs** in Córdoba

**The Knowledge Economy is responsible for 47.600**, which represents 9,4% 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



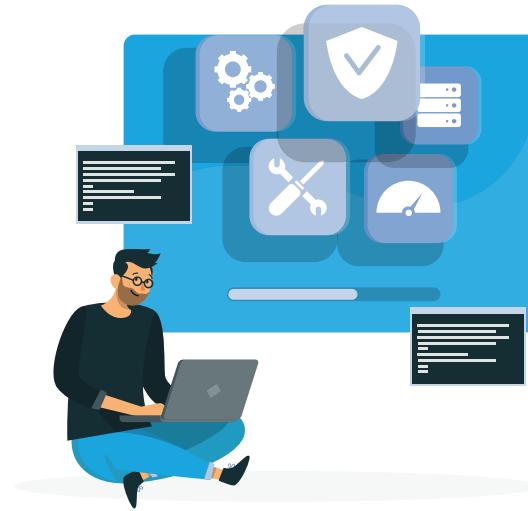
# Computer and Software Services

## Computer and Software Services

It's 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.



**609** registered software companies

**+13,6%** YoY Growth

In 2021, the industry invoiced  
**US\$ 220.553.719**

**14.087** Employees in the sector

**2,8%** 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** It's 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 researches, 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 áreas:** Enviroment, Food and nutrition, Medicines and Medical Technology.

**CEPROCOR** runs on average **55.000 annually tests**, in response on 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 497 new jobs. In average, 11,3 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 **49 startups**



**35** with **private investors**



**14** with **Accelerators and VC**



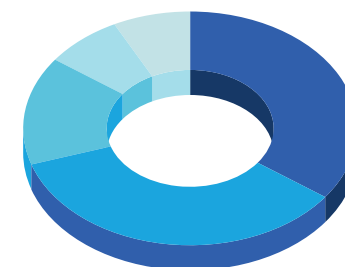
For every \$ Ars the Agency has invested, the **private sector has invested \$2,5 Ars**



**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

**45%**  
local

**45%**  
regional

**15%**  
global



**Universities**



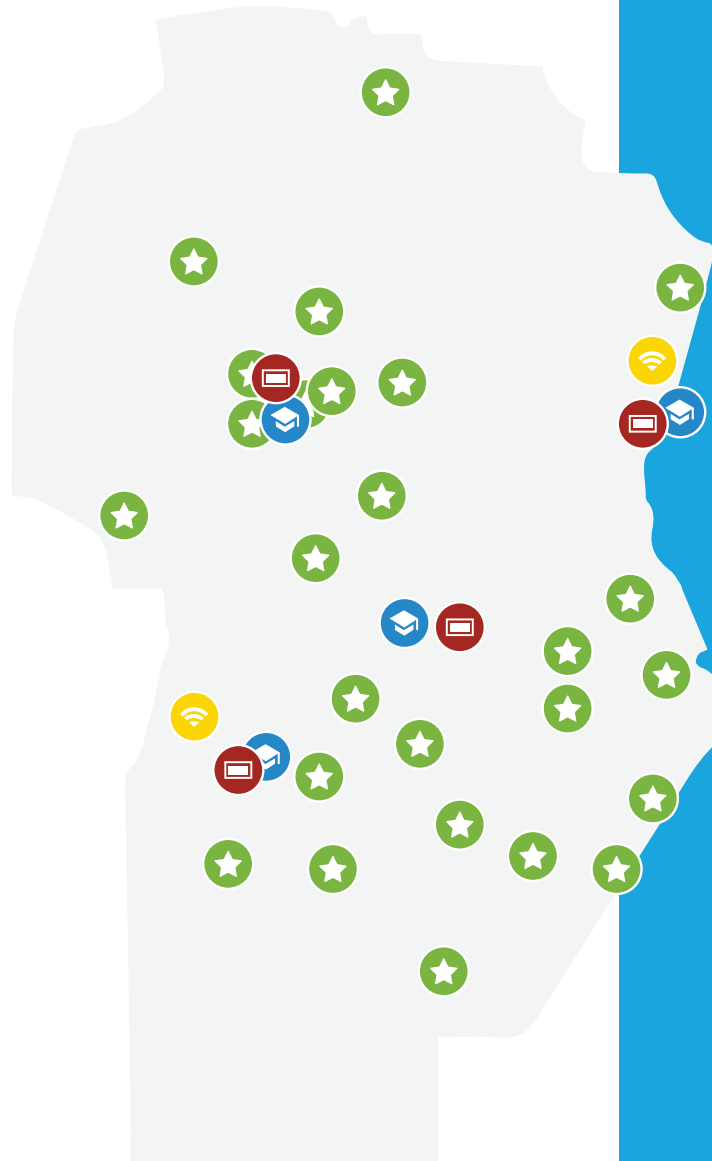
**Technological clusters**



**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,  
Government of the Province of Córdoba, Argentina



<https://mincyt.cba.gob.ar>



[mincyt.privada@cba.gov.ar](mailto:mincyt.privada@cba.gov.ar)



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Ministerio de Ciencia y Tecnología Córdoba



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**CÓRDOBA**  
*entre todos*