



**Desarrollo
Económico**

Ministry of Economic Development

J a l i s c o

Your partner for growth

El hub de alta tecnología y manufactura avanzada en México

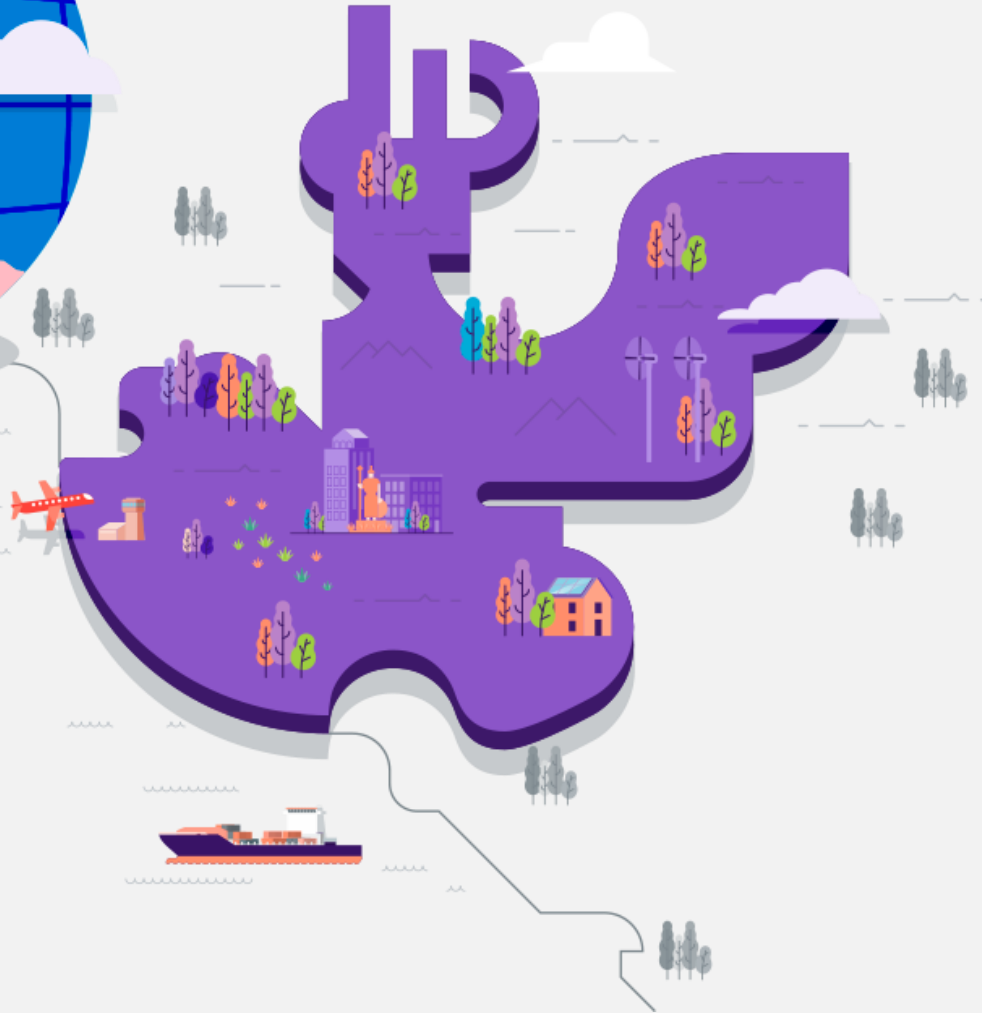
2020

Why Jalisco?



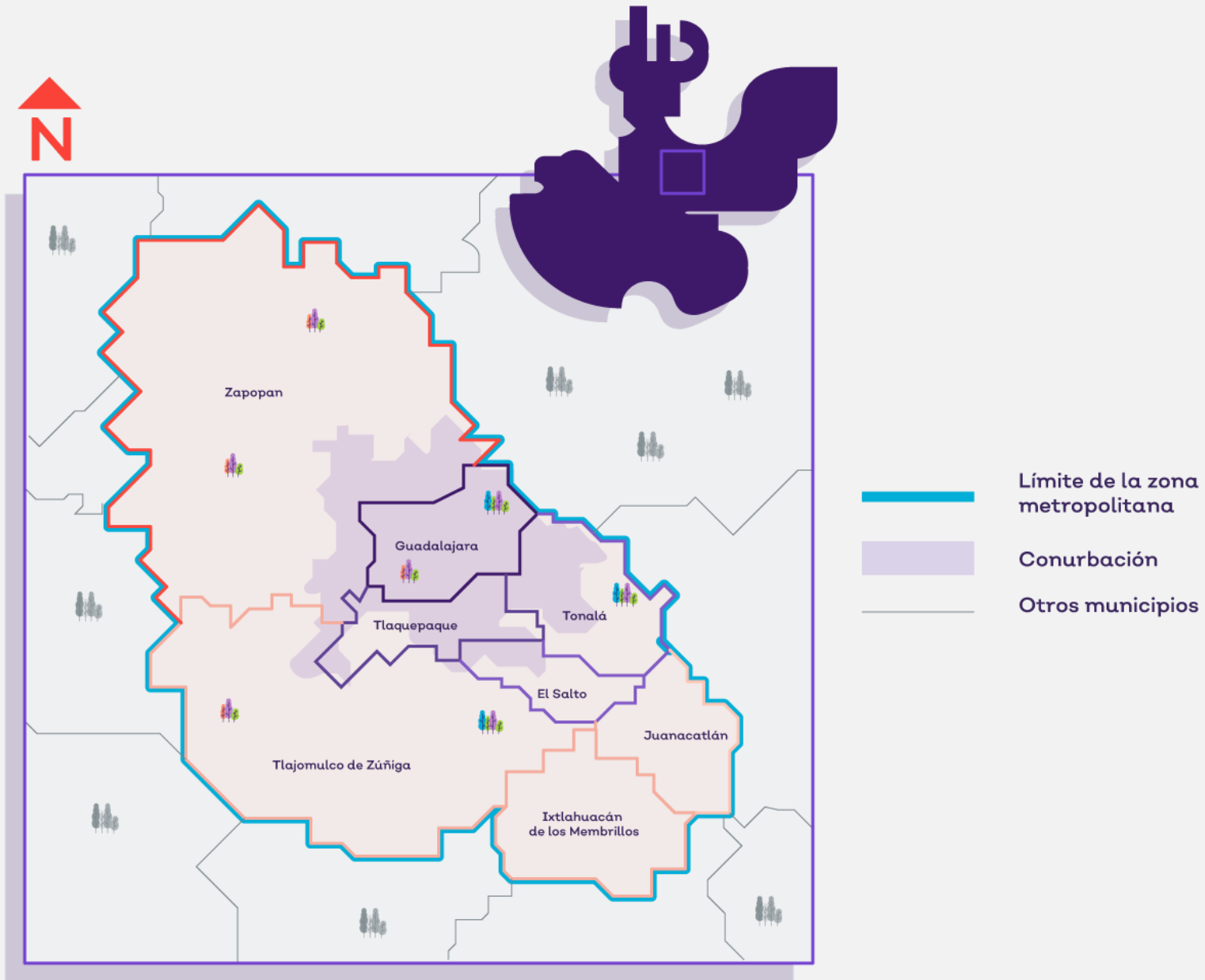


Location



Jalisco location

Located in western Mexico, the state of Jalisco is only 4 hours from the international commercial port of Manzanillo and six hours from Mexico City, by land —one hour by air—.



Metropolitan area

It's made up of 9 municipalities. Guadalajara—capital of the state of Jalisco—, Zapopan, Tonalá and Tlaquepaque stand out in terms of population. In total they add just over 5 million inhabitants.



Demography



Productivity



Technical careers



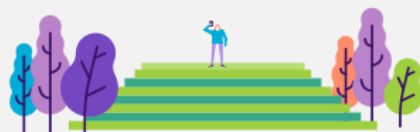
Export state



High tech exports



Attractiveness DFI



Tourist destination



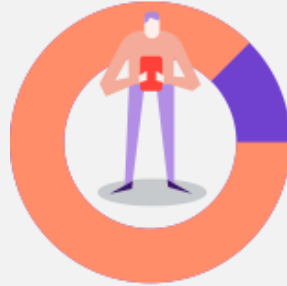
Young population

Strengths

Jalisco has competitive advantages that make it attractive to external investment.



Population



Jalisco

7.9 Million
30 years old average

México

120 Million
30 years old average

Economy



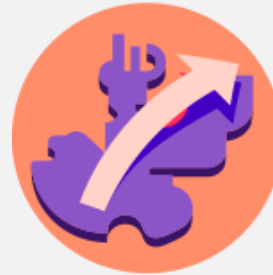
Mexico

46 FTA

Jalisco

3rd largest
economy in
Mexico

GDP/Per capita



Jalisco

64.5 USD Billion
9,514 USD (2017)

México

938.5 US Billion
8,823 USD (2017)

Population and
economics



Free trade agreements

Strategic actor in world trade through multiple international trade agreements.



MEX-JAPAN

2005



T-MEC

2019



AELC

2001



TLCUEM

2000



MEX-ISRAEL

2000



MEX-URUGUAY

2004



MEX-CHILE

2019



MEX-PERU

2001



MEX-COLOMBIA

2000



MEX-PANAMA

2000



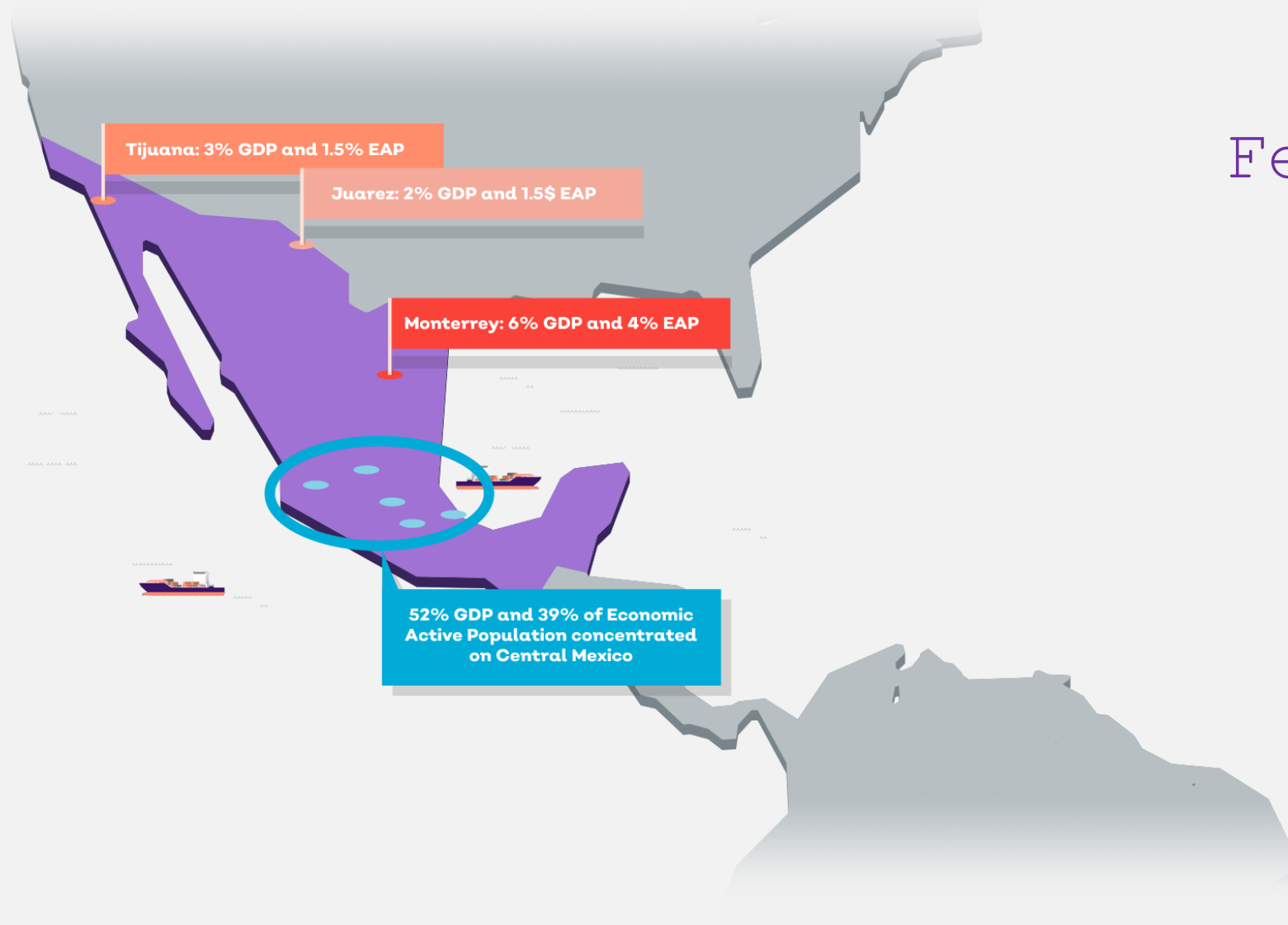
MEX-CENTRAL AMERICA

2000



Featured region: Central Mexico

The greater activity and economic production of Mexico is concentrated in the central region of the country, of which Jalisco is part.





Agribusiness

- Confectionary
- Dairy
- Agave-tequila
- Meat
- Green houses crops

Advanced Manufacturing

- Electronics
- Telecommunication equipment
- Automotive
- Metalmechanic
- Fashion
- Furniture

High Tech & Services

- High tech industry
- Tourism
- Creative industries
- Call-centers
- Shared-services

Leadership

Jalisco is a leader in sectors such as agribusiness, advanced manufacturing and high technology.



IT Services

Software Engineering
Software Development
Shared Services
BPO/KPO/ITO
Logistic Hub

Agro / Food / Beverages

Dairy
Agave/Tequila
Poultry & Eggs
Greenhouse crops
Pork
Confectionary

Manufacturing

Electronics & Telecommunications
Equipment
Automotive
Metal-mechanic
Plastic
Textile
Aerospace
Medical devices
Furniture
Jewelry
Renewable Energy

Jalisco industry





CANIETI
National Chamber of the electronics, telecommunications
and information technology industry
<http://www.canieti.org/Inicio.aspx>



CAJ
Agricultural Jalisco Council
<http://www.caj.org.mx/>



AUTOMOTIVE CLUSTER
<http://www.clautjalisco.org.mx/nosotros/>



INDEX
National Council of Contract Manufacturing
and export manufacturing
<http://www.index.org.mx/>



JEWELRY CHAMBER
<https://www.camaradejoyeria.com.mx/>



FEMIA
Mexican Federation of the Aerospace Industry
<https://canaive.com/>



CIHUL
Regional Chamber of the Rubber and Latex
Industry
<http://cihul.com/>



AJIC
Jalisco Creative Industry Association
<https://www.sublimejalisco.mx/>



CANAIVE
National Chamber of Fashion
<https://canaive.com/>



AFAMJAL
Furniture Manufacturing Association
<https://afamjal.com.mx/>



CAREINTRA
Regional Chamber of Transformation Industry
<http://www.careintra.org/>

Some related industry chambers

Jalisco has different chambers & associations that work on innovation, development and sustainability for the strengthening and productive growth of the State.



Jalisco Exports





International trade

Exports

972 Different products

19 Industrial sectors

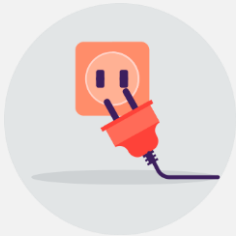
181 Destination countries



Automotive Industry



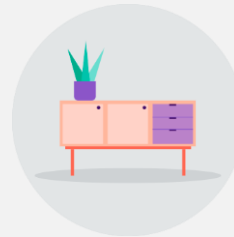
High Tech Industry



Electric



Medical Devices



Furniture



Agribusiness



Jewelry



Home Appliances

Jalisco main exports

Nam sit amet tortor blandit, tincidunt ex et, dictum nisi. Curabitur lobortis euismod purus, non vulputate nisl auctor ac. Vivamus sodales mi non ligula maximus sodales at sed turpis.



JALISCO main foreign investors

United States, Spain, France, Germany,
Japan and China are the main countries
that invest in Jalisco.



BOSCH

ORACLE
SOFTWARE POWERS THE INTERNET™



flex.



PHILIP MORRIS

HCL



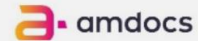
FOXCONN



T Toray Group



JABIL



WIZELINE

PLEXUS



Jalisco international 1 state

Internationally recognized brands
are established in our state.

A photograph of a computer lab or classroom. Several young men are seated at desks, working on laptops. The room is dimly lit with blue and purple ambient lighting. In the background, a large, stylized letter 'C' is visible, composed of an orange outer ring and a blue inner circle. The text 'Jalisco Talent' is overlaid in the center of the image.

Jalisco Talent



Business and entrepreneuria l state

Labor force of high standards and with competitive prices in the international market.

Labor force 3.7 million people

Competitive labor cost

Availability of high skills personnel

Excellent technical and engineering programmes

45 years of experience



13	World class universities
1,13	High schools
5	International schools (American, German, Canadian, French and Japanese)
127	Postgraduate programmes
3	Major business schools
2	Technological Universities
16	Technological institutes
584	Job training centres
50	Technical colleges

EDUCATION
Talent
development
The key for
success



Generating talent

3,500,000

Total enrolled students

280,200

Students in higher education

+15,000 Engineers

Graduate per year (2018)

+6,500 Engineers

Specialised in high tech (2018)

1st State Ministry for Innovation
Science and Technology with 16 technical
institutes





Research and development

Considered the Silicon Valley of Latin America for its high capacity for innovation and technology development.



BOSCH

ORACLE
SOFTWARE POWERS THE INTERNET™



Continental





Talent Land

A core of disruptive learning

Meeting of talent, unique in the world about technology, science, innovation, entrepreneurship and creativity with conferences, workshops and laboratories guided by specialists in each sector.



60,000
participants

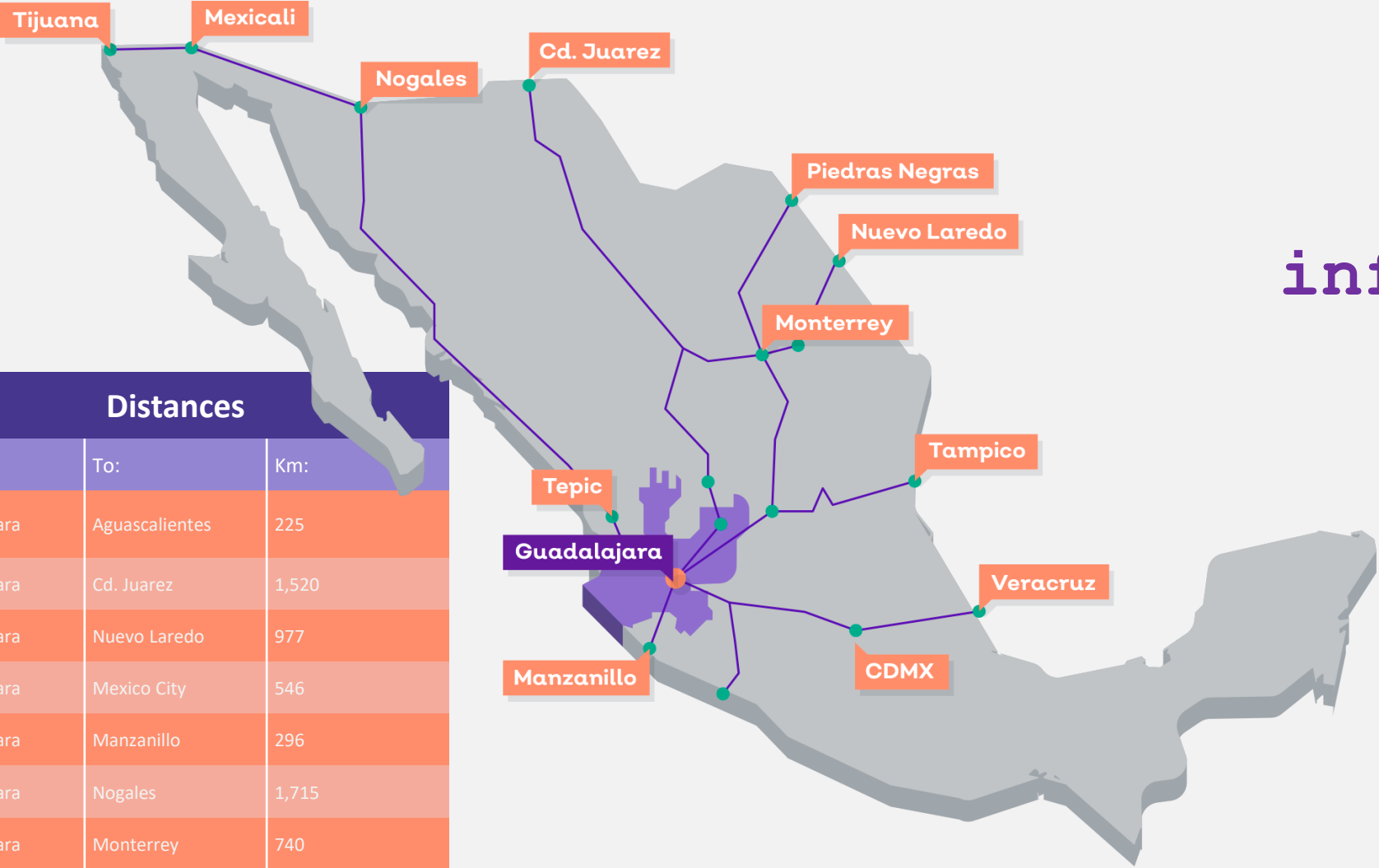


Jalisco Logistics



Road infrastructure

Distances		
From:	To:	Km:
Guadalajara	Aguascalientes	225
Guadalajara	Cd. Juarez	1,520
Guadalajara	Nuevo Laredo	977
Guadalajara	Mexico City	546
Guadalajara	Manzanillo	296
Guadalajara	Nogales	1,715
Guadalajara	Monterrey	740
Guadalajara	Tampico	750
Guadalajara	Tepic	227
Guadalajara	Veracruz	775





Rail roads

Kms Covered

Company:	Km:
Kansas City Southern Mexico	4,674
Ferro Sur	9,930
Ferrocarril Mexicano	1,886

Distances

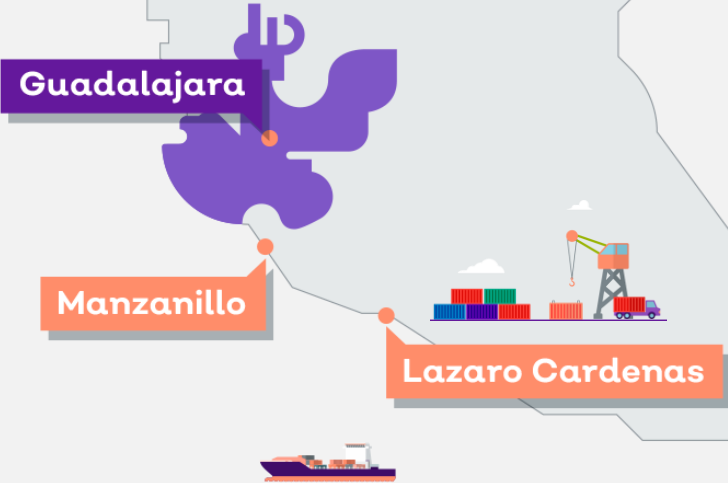
From:	To:	Km:
Guadalajara	Altamira Tampico	994
Guadalajara	Cd. Juarez	1,874
Guadalajara	Nuevo Laredo	1,291
Guadalajara	Mexico City	613
Guadalajara	Manzanillo	355
Guadalajara	Nogales	1,732
Guadalajara	Monterrey	1,416
Guadalajara	Tampico	750
Guadalajara	Lazaro Cardenas	878
Guadalajara	Veracruz	1,062

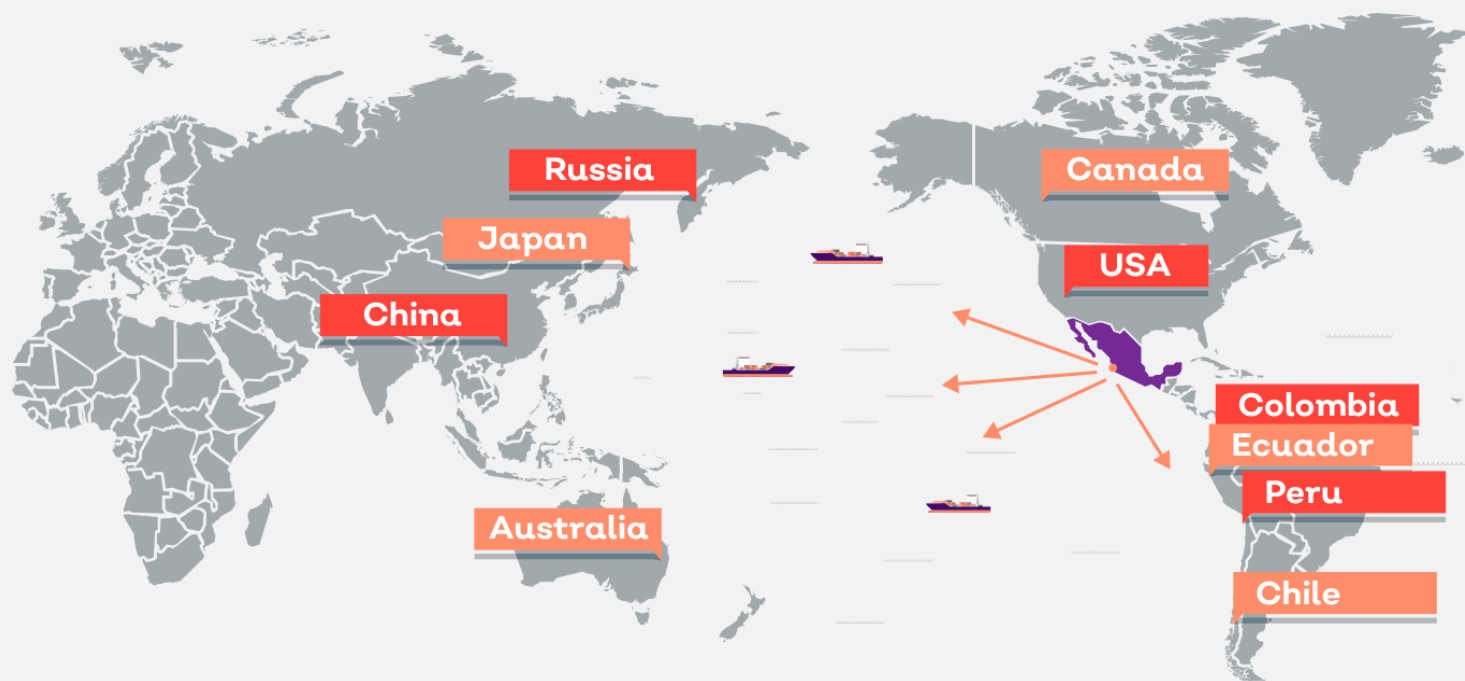




Seaports

Connection	Distance
Guadalajara – Manzanillo, Colima	200 km
Guadalajara – Lázaro Cárdenas, Michoacán	325 km





Manzanillo port shipping connections

Maritime connections with the main ports of China, USA, Canada, Russia, Colombia, Chile, Ecuador, Peru, Korea, Japan, Hong Kong, the Philippines, Singapore, Malaysia and Indonesia.

Ocean Network Express shipping
Mexico



MAERSK



萬海航運股份有限公司
WAN HAI LINES LTD.



YANG MING



Hapag-Lloyd

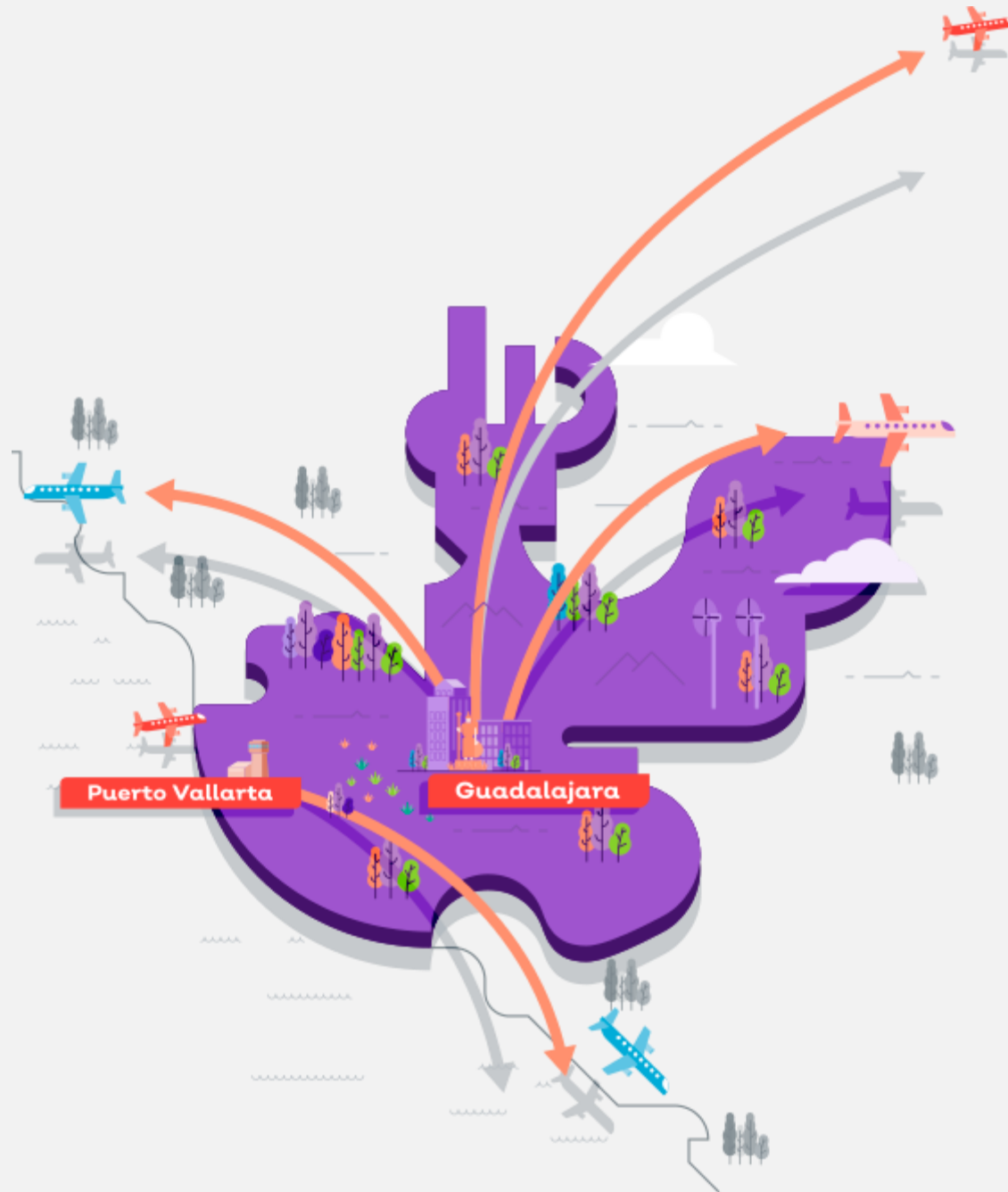


EVERGREEN



ONE
OCEAN NETWORK EXPRESS





Two internacional airports

Guadalajara International Airport, Miguel Hidalgo y Costilla.

- Third airport in number of passengers in Mexico (First place in air cargo flights).
- Connections to the USA, Central America and the Caribbean, and various places in Mexico.
- More than 14.85 million passengers per year.

Puerto Vallarta International Airport, Gustavo Díaz Ordaz.

- Seventh most important airport in Mexico.
- Connections to USA, Canada, United Kingdom, Panama and various places in Mexico.
- 5 million passengers per year.



2,200+

International flights per month

Very well
connected

3rd Most important airport in Mexico

- Los Angeles
- Orlando
- Las Vegas
- San Jose
- San Francisco
- Houston
- Phoenix
- Chicago
- Detroit
- Salt Lake City
- San Antonio
- Atlanta
- Seattle
- Oakland
- Dallas
- Panama

14' 850,000

Passengers in 2019



Jalisco air cargo

91 Weekly frequencies

1st in volume 2nd in international operations

USA

48 weekly frequencies

Aeromexico	Los Angeles
Panalpina	Dallas
Cargolux	Cincinnati
MasAir	Memphis
AeroUnion	Louisville
DHL	Houston
UPS	

EUROPE

7-9 weekly frequencies

AirFrance	Luxembourg
Lufthansa Cargo	Paris
Cargolux	Frankfurt
Panalpina	

ASIA

6-7 weekly frequencies

Korean Air	Korea
Cathay Pacific	Hong Kong

CENTRAL AMERICA

1 weekly frequency

Copa Airlines	Panama
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Industrial and tech infrastructure

60 Industrial parks

2 Tech districts

1 Multimedia park

3 technology parks

1 Software center

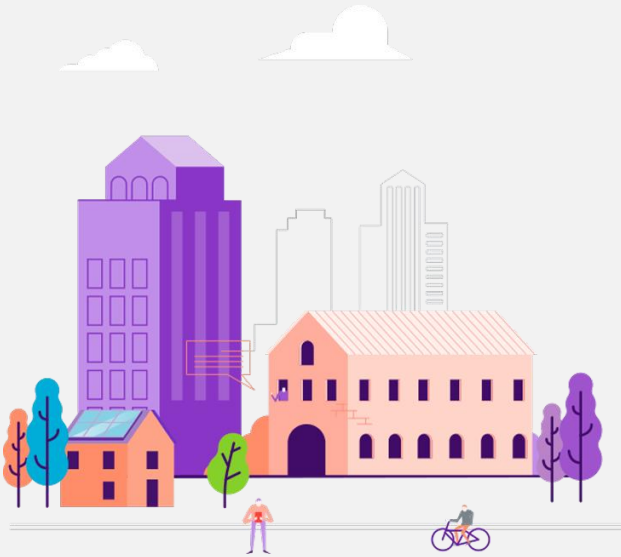
1 Auto park



Jalisco Quality of Life



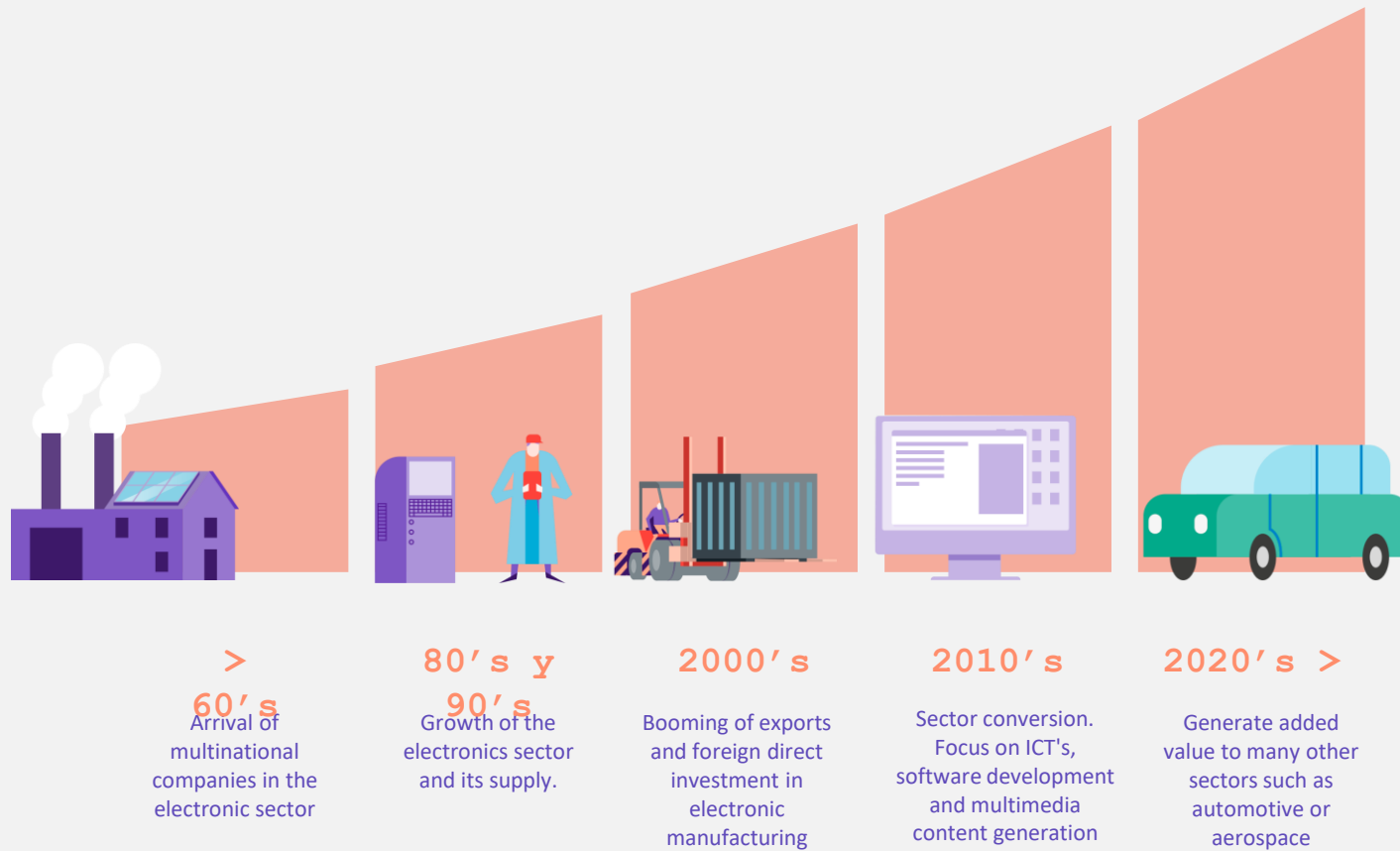
Quality of life



- More than 28,000 hotel rooms
- Touristic developments
- Recreational & commercial areas
- Cultural activities
- International selection of restaurants
- Competitive medical services
- Wide choice of housing
- Diverse entertainment
- Corporative building & offices
- 16 golf clubs in Guadalajara Metro Area
- Host of international events



Jalisco the Tech Hub in Mexico



Electronic, IT and high tech cluster development

Evolution and growth of all the actors in these sectors

A photograph of a wind farm on a hill. In the foreground, a large white wind turbine with three blades is positioned on a dirt road. The hill is covered in dry, scrubby vegetation. In the background, several other wind turbines are visible on the ridge under a blue sky with scattered white clouds. The sun is low on the horizon to the left, creating a warm glow.

Jalisco Business Opportunities





Jalisco high tech ecosystem

Manufacturing, software
services, multimedia and
design

+800 Hightech
companies

+150 Software and
service companies

Green technology, aerospace,
automotive, biotech, creative
industries, VR and AI



Support



Ecosystem



Education

Jalisco
4.0



Jalisco electronic companies



Jalisco
ITO / BPO
/
KPO



+30,000 Employees



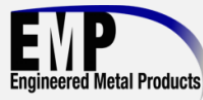
Jalisco automotive

In the aftermarket, over 150
suppliers support Mexico
and Latin America



+40,000 Employees

+300 Companies



Jalisco Metal mechanic

Main activities:

- Aluminum & plastic injection.
- Foundry, welding, machining, coating.
- Die Casting.
- Tooling design & manufacturing.
 - High precision parts.
 - Molding.
- Finishing and plating.



Engineering/Plastic Injection



Jalisco
complementary
suppliers

Harnesses



Industrial Packaging





+2,000 Employees +40 Companies

Jalisco Aero business





Jalisco leader in electronics

Takes part of the manufacturing, assembly and incorporation of electronic components into medical devices.

Jalisco provides important industrial processes for medical devices manufacturing.

Main activities: foundry, thermal surface treatments, neo equipment and assembly.

Jalisco medical devices

Main investors.

USA, Germany, Spain, Brazil and Philippines





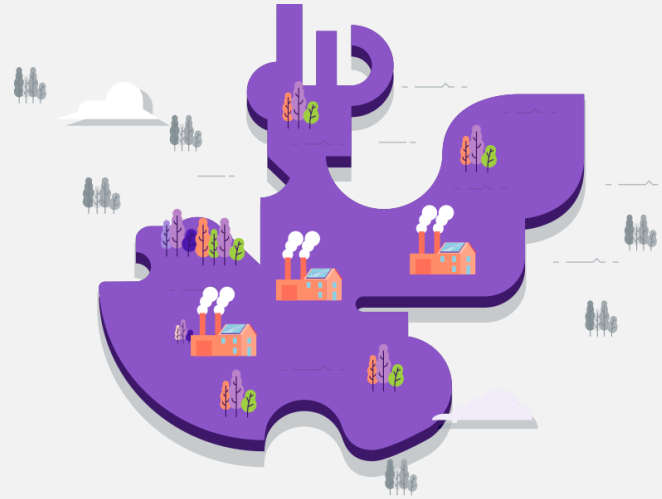
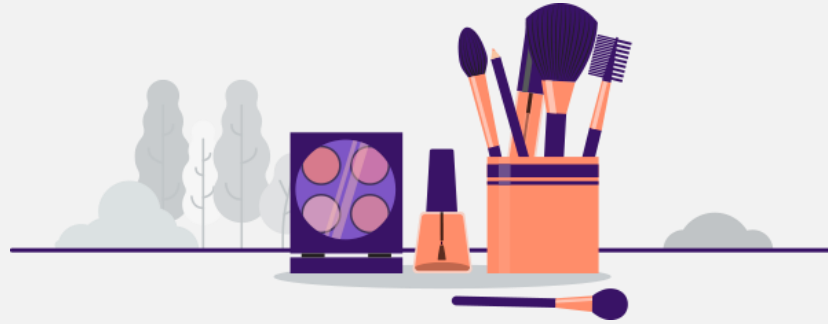
Jalisco pharma

International



National





Jalisco Cosmetic and personal care

Mexico is ranked in the top 10 markets in the world for cosmetics and personal care products, and it continues to be the second largest market for beauty products in Latin America.



Manufacturing of specialized chemical products for beauty sector.



Manufacturing cleaning products for home with brands such as Cloralex and Pinol.



Chemical for home cleaning products.



+25,000 Employees

759 Companies

Participation in
different areas of the
industry

Automotive

Aerospace

Food

Pharmaceutical

Agroindustrial

Aeronautical

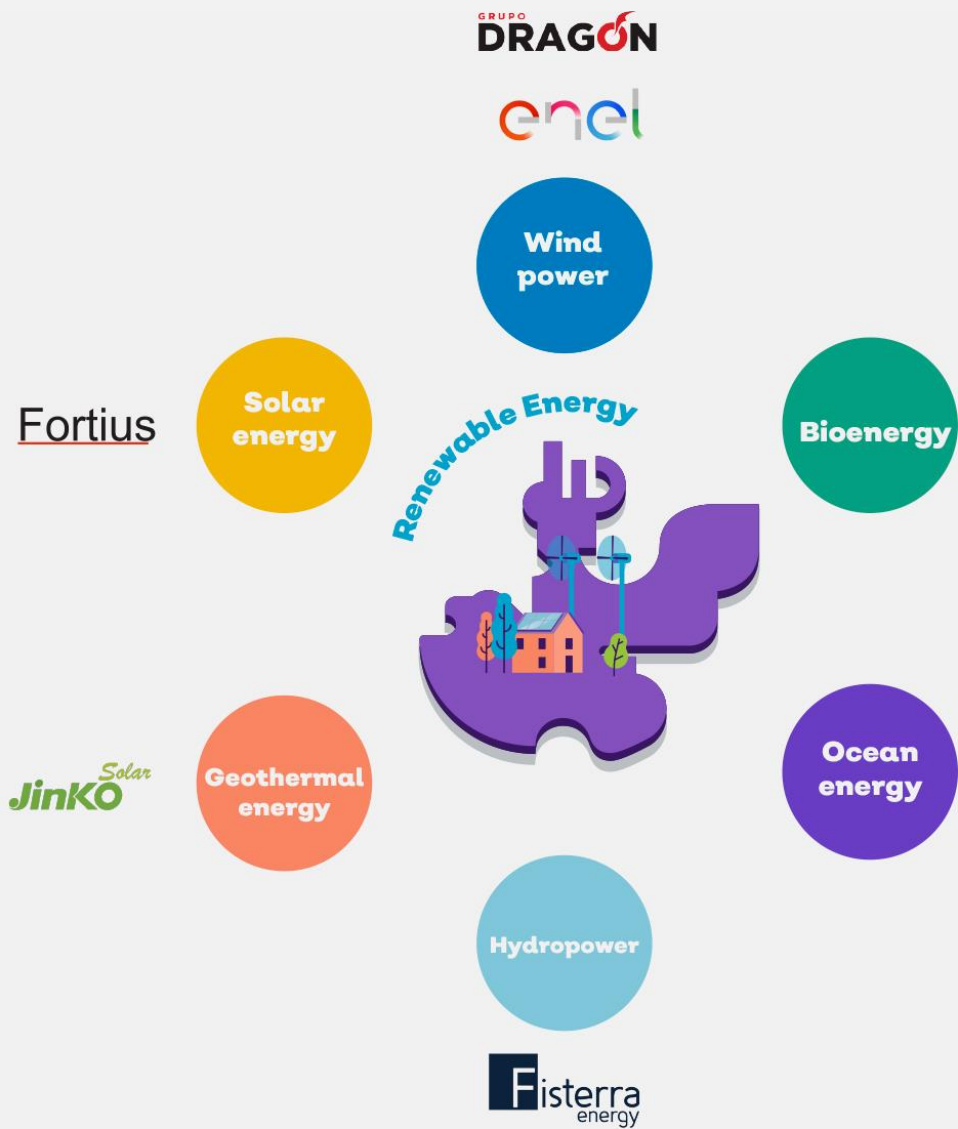
Electronics

Construction

Jalisco plastic sector

Jalisco holds national
leadership.





Jalisco renewal energies

In the last five years,
Jalisco has attracted
\$364 million dollars in
energy projects:

Two wind energy

Two solar energy

Jalisco has a State Energy Agency
One in a combined cycle
plant

Economic Development Policy

Focus

**Electric
mobility**



**Energy
Strategic
Plan**

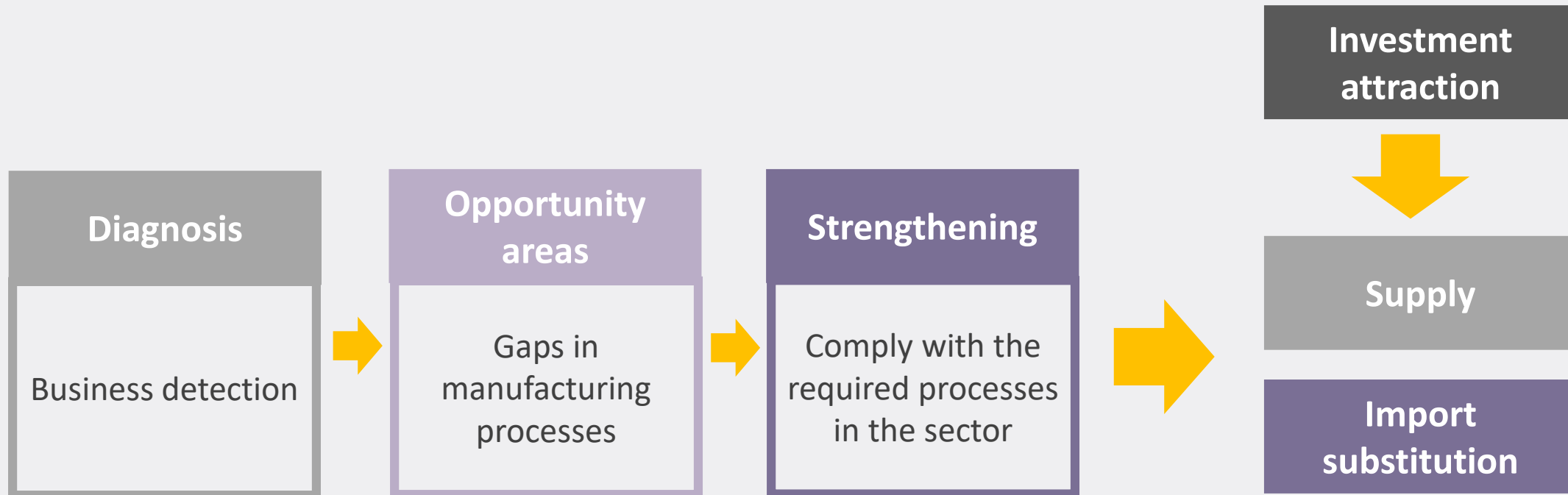


**Digital
transformation**



Project “Supply for Electric Mobility”

Generate added value to many other sectors such as automotive, electronics, mechanical metal, casting, high technology and electric energy.



Opportunity areas

Jalisco has high manufacturing companies that are currently part of the automotive supply chain in Mexico. Some of them have their innovation centers in our state, which together represent a competitive advantage for Jalisco.



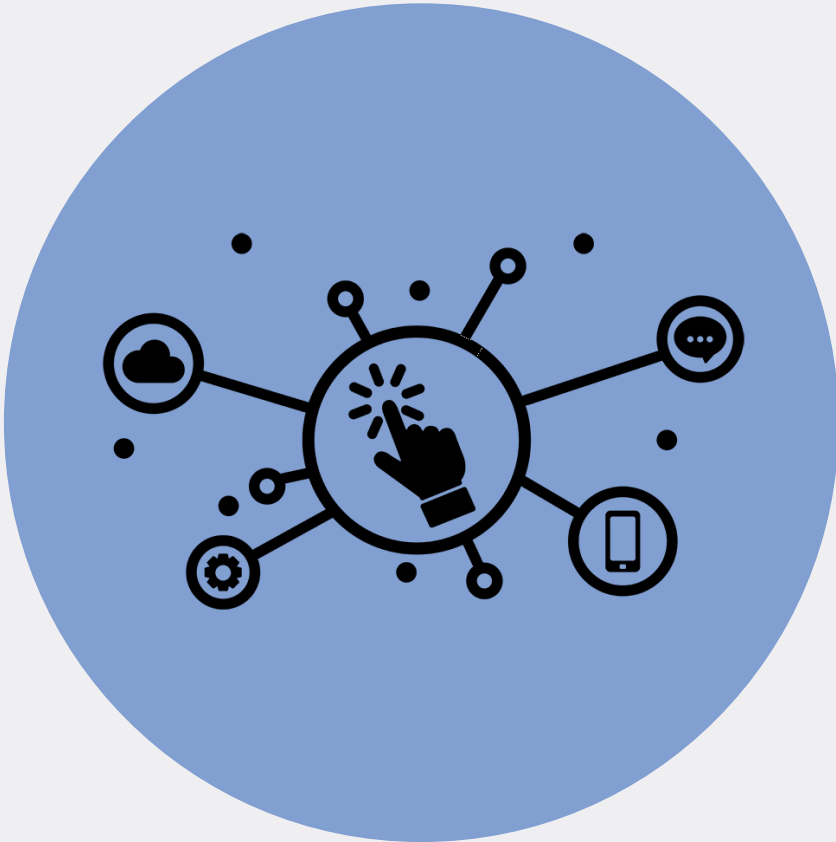
Tesla produces 20% of its components in Mexico, and half of this percentage is developed in Jalisco.





Energy Strategic Plan

- **Energy efficiency**
- **Electricity supply**
- **Fuel supply**
- **Integral energy development**



Digital transformation

- Consulting and training
- Supports for software and hardware
- Human resources capacity

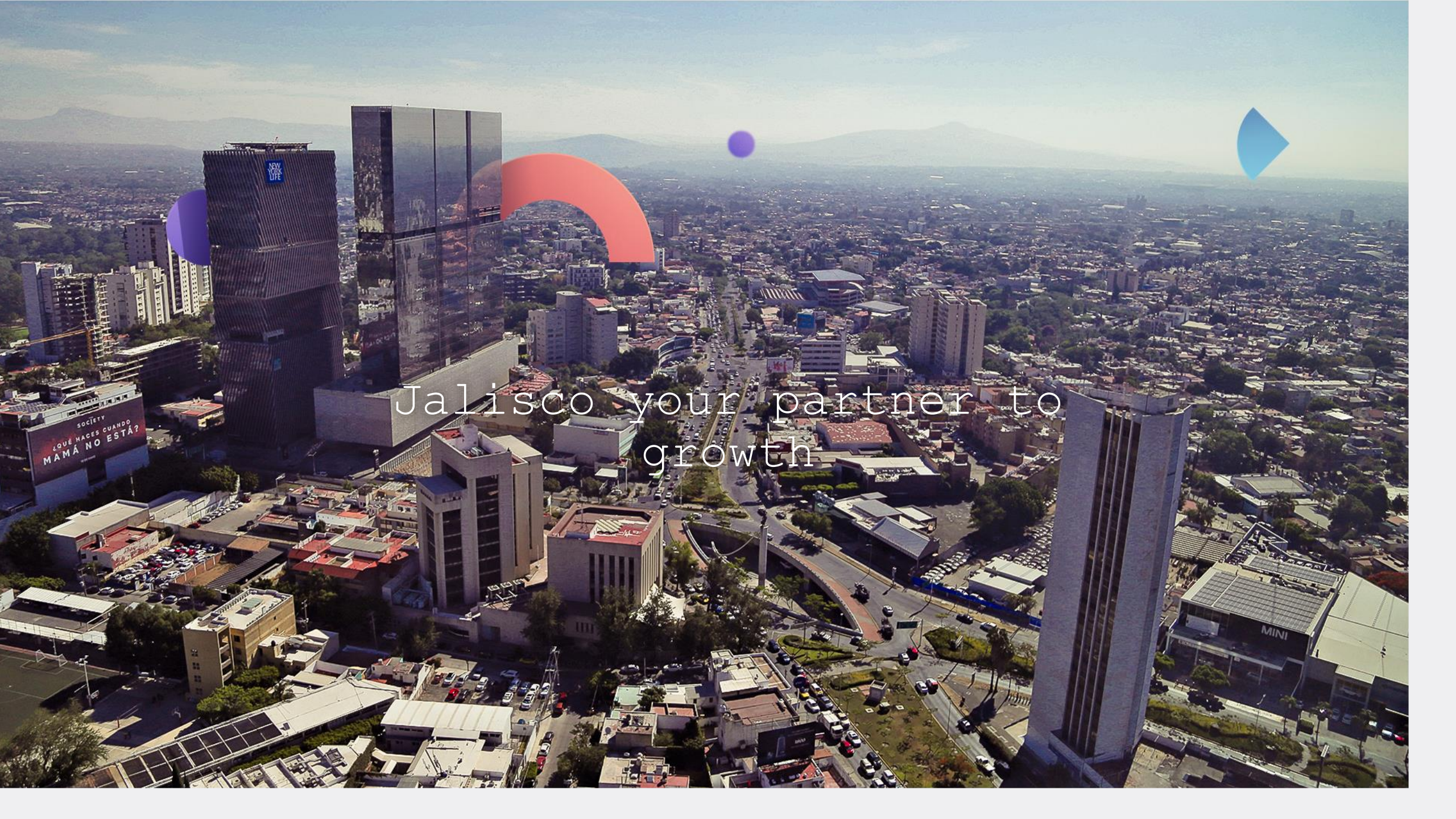


Desarrollo
Económico

Thank you



Jalisco
GOBIERNO DEL ESTADO



Jalisco your partner to
growth



**Desarrollo
Económico**



Jalisco

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