



BAJA CALIFORNIA
GOBIERNO DEL ESTADO

ECONOMÍA
Secretaría de Economía e Innovación



Pro Baja | TRADE & INVESTMENT

FACTS ABOUT BAJA CALIFORNIA

BC has been the no. 1 state in generating trust and conditions for **nearshoring**

- ▶ **5 Billion USD IN FDI** in the last 36 months
- ▶ **1,132 Exporting Companies** (No. 1 State in Mexico)

PART OF A
MEGAREGION
FEATURING
THE WORLD'S
4TH ECONOMY



SEAPORT
OF LONG
BEACH



LOS ANGELES



LAX
INTERNATIONAL
AIRPORT



SEAPORT OF
SAN DIEGO



SAN DIEGO



SAN DIEGO
INTERNATIONAL
AIRPORT

CALI-BAJA BORDER



PHOENIX



PHOENIX
SKY HARBOR
AIRPORT

▶ POPULATION:
50 MILLION

▶ GDP: \$3,500
MILLION USD

ROSARITO

TIJUANA

TECATE

MEXICALI

VALLE DE
GUADALUPE



SEAPORT OF
ENSENADA

ENSENADA



SAN
FELIPE

SEAPORT
OF PUNTA
COLONET

CALIBAJA MEGAREGION

Arizona, California
& Baja California



AEROSPACE

The largest concentration
of Aerospace companies in Mexico

US \$2,000M

Exports 2022

94+

Established companies in the region
representing 21% nationwide

339+

Direct supplier base

60%

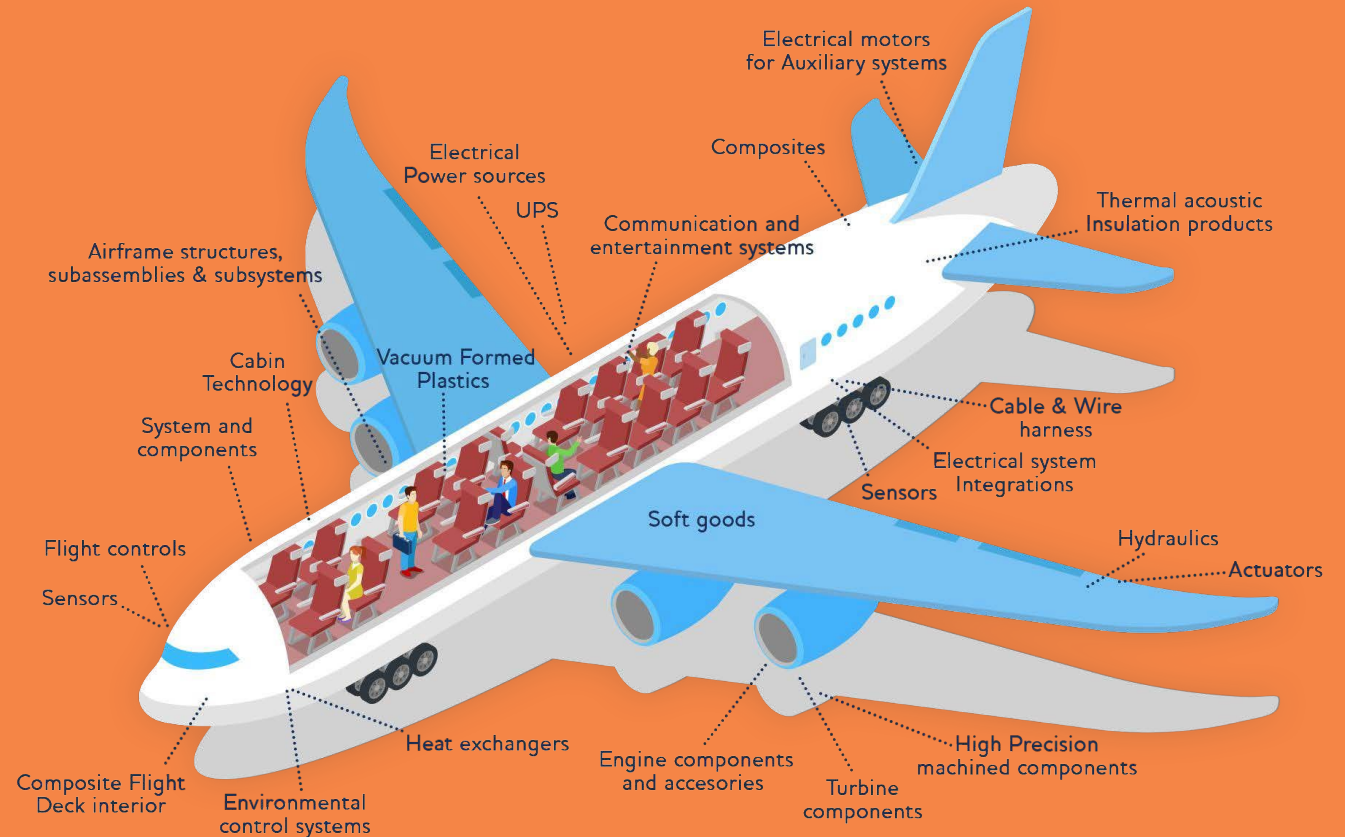
NADCAP certified

40,000+

Workforce:
Engineers, Technicians & Operators

57+ YEARS OF AERONAUTICAL EXPERIENCE

- ▶ R&D
- ▶ ENGINEERING
- ▶ MANUFACTURING
- ▶ MRO
- ▶ ASSEMBLY



EMBLEMATIC AEROSPACE COMPANIES IN BAJA

sonaca 

 SAFRAN

 Collins
Aerospace

Honeywell

CHROMALLOY

Gulfstream

 Triumph Group

 GKN AEROSPACE

EATON

COBHAM

 Parker

Esterline 

BURRANA

tyco

 HUTCHINSON®



BC FEATURES
3 "ONE OF A KIND"
AEROSPACE
CENTERS

1. HONEYWELL MRTC
R&D
2. GULFSTREAM BT WEST
IT
3. TRIUMPH COMPOSITE LAB
TESTING





LIFE SCIENCE

MEDICAL DEVICES
BIOTECH
PHARMACEUTICALS

San Diego – BC region contributes
US\$250 BILLION to this industry

87+
Exporting
Companies

75,000+
Specialized workforce

60%
Certified
Supplier Base

MEDICAL DEVICES MADE IN BAJA

Corrective lenses



Braces
Dental casting
Metal ring
Crowns



Orthodontic medical
Instruments

Pacer
Defibrillator



Blood pressure meter
Artificial heart valves
Disposable hemodialysis system
Catheters and blood bags

Pregnancy and ovulation devices
Drug manufacturing (tablets and capsules)
Parental drugs electronic and ear thermometers
Syringes
Surgical tools
Healing materials
Anesthesia circuits
ID Badges for hospitals and clinics
Personal protection for operating room
First aid kits



Medical ventilator
Medical masks
Humidifiers
Endotracheal tubes
Nasal cannula



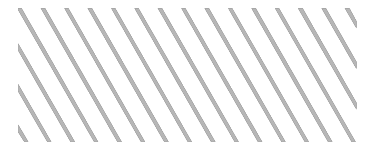
Stents for abdominal aneurysm
Disposable peritoneal
Dialysis equipment
Urinary bags



Intravenous solution
Management equipment
Disposable sets (catheters, bags, etc)

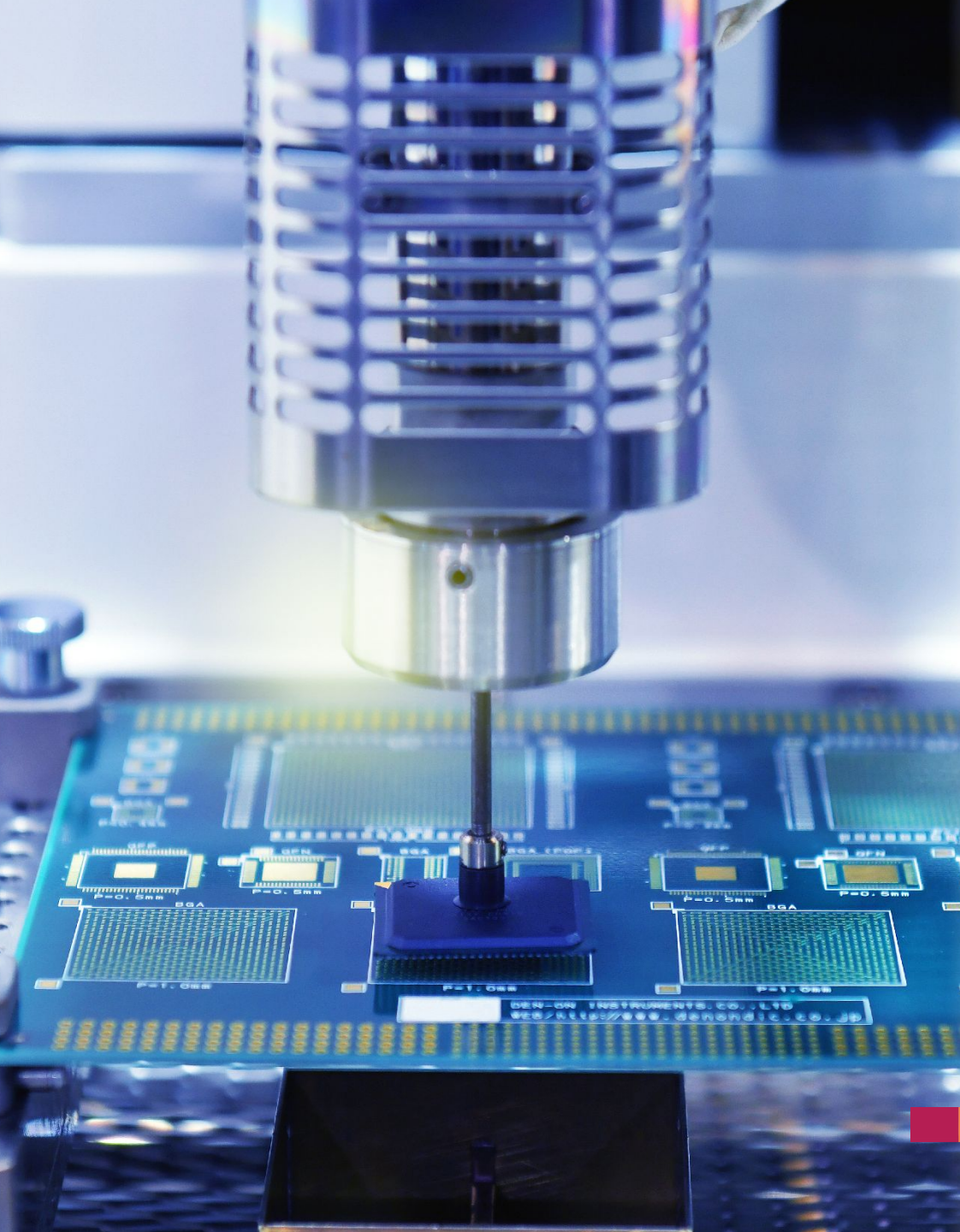


Splints and rehabilitation support
Orthotics (knee, shoulder, elbow)
Wheelchairs



EMBLEMATIC LIFESCIENCE COMPANIES IN BAJA





ELECTRONICS

 **Largest concentration
of advanced electronic
companies**

180+
Companies

120,726
workforce



EMBLEMATIC ELECTRONICS COMPANIES IN BAJA



SAMSUNG

BOSE

Panasonic

• **A P T I V** •



SOLUM

FOXCONN



Hisense

SANYO

BOE





AUTOMOTIVE

**52+ YEARS
OF EXPERIENCE**

83+

Companies
established in
Baja California

32

Tier I and II
Companies

EMBLEMATIC AUTOMOTIVE COMPANIES IN BAJA



SEMICONDUCTORS

ASSEMBLY, TESTING AND
ADVANCE PACKAGING

52+

Years of experience

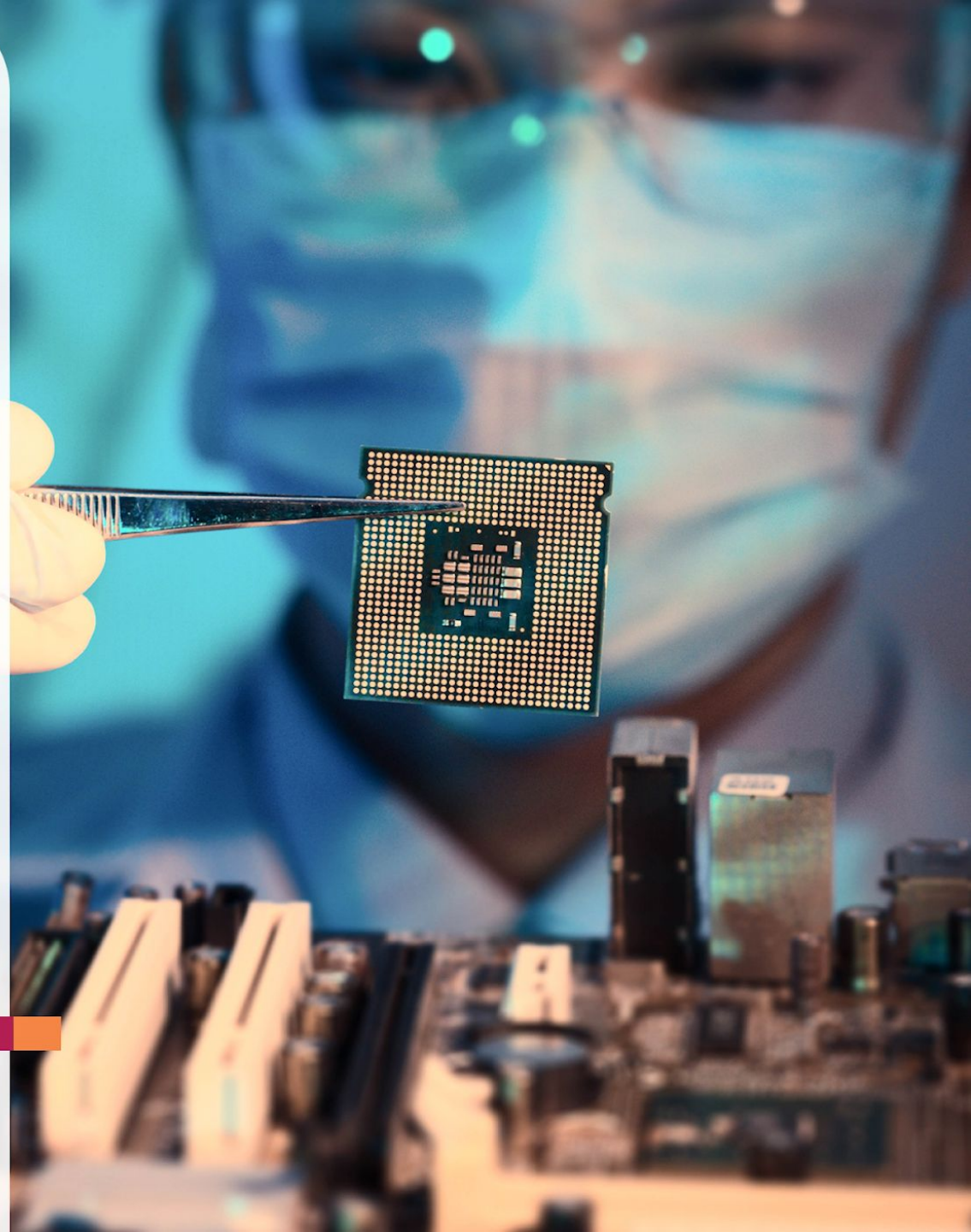
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Institutions

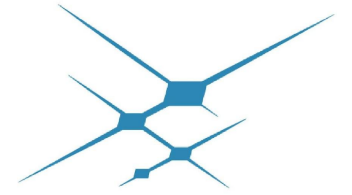
Sponsored by the
semiconductor industry
to develop
specialized talent

Specialized Labs

Dedicated to microelectronics,
nanotechnology, Light sensors
prototyping, Nano Interruptor RF
and Plasma & GaN new materials



**EMBLEMATIC
SEMICONDUCTOR
COMPANIES IN
BAJA**



SKYWORKS®



Qualcomm



ASE GROUP

TALENT AND INNOVATION



Education hub and hotbed for talent

113 Universities in Baja

127,096 Students enrolled in University

57,000 Students enrolled in engineering and technical programs



INFRASTRUCTURE



Water

Provided by the Colorado river and desalination plants

Sustainable energy sources availability

- Geothermal
- Solar
- Wind

Natural Gas

-Provided by SEMPRA Energy: the most competitive price nationwide



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STRATEGIC INVESTMENT PROJECTS



Regional logistics & power infrastructure

Baja California is adding a 4.8 M TEU sea port, 310 Km of new railways, one new commercial border crossing and a rail-airport intermodal station, besides improvements to other elements of our regional logistics system.

CARGO INFRASTRUCTURE

--- MX Railways

--- US Railways

--- MX Highways

--- US highways

↕ Border crossings

↕ Cargo border crossings

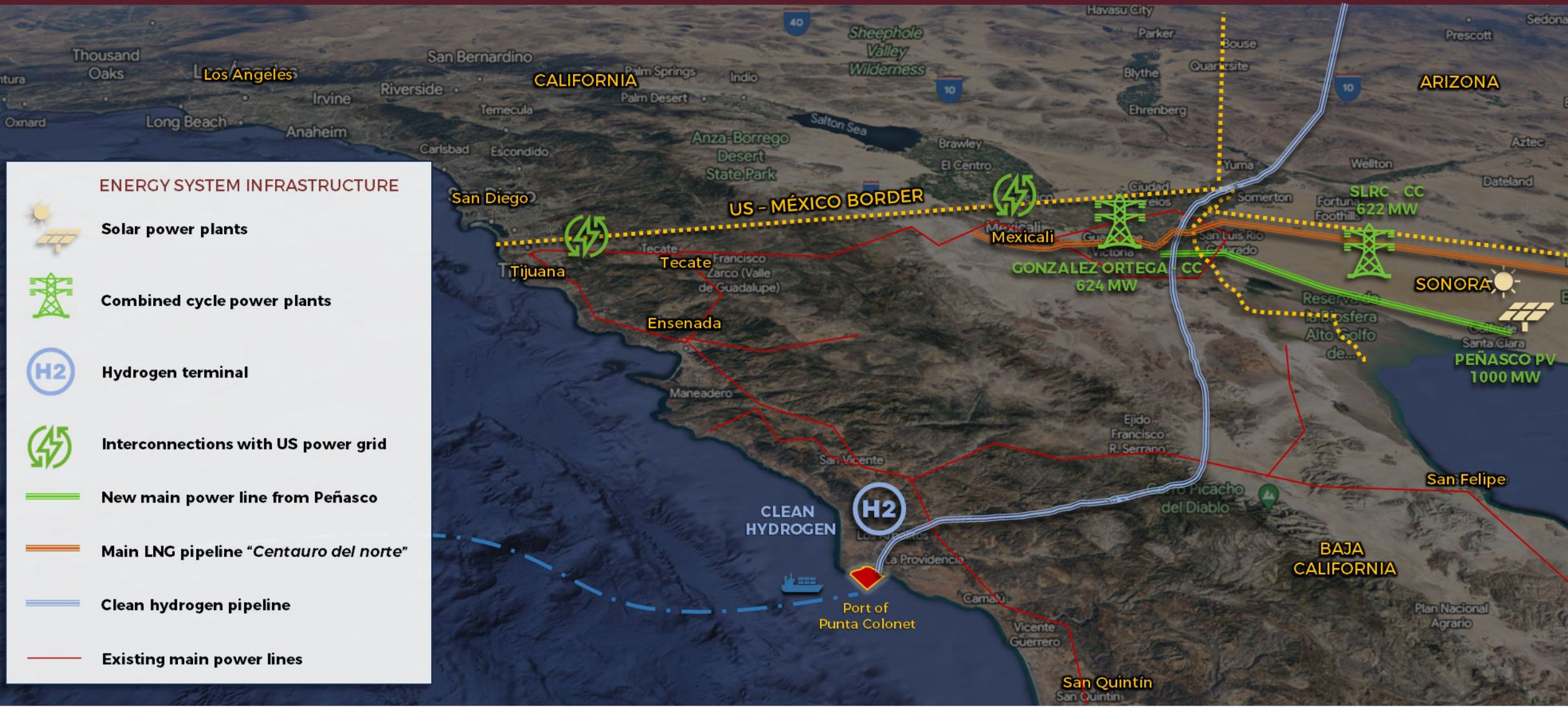
🚢 Maritime cargo ports

✈️ Cargo airports



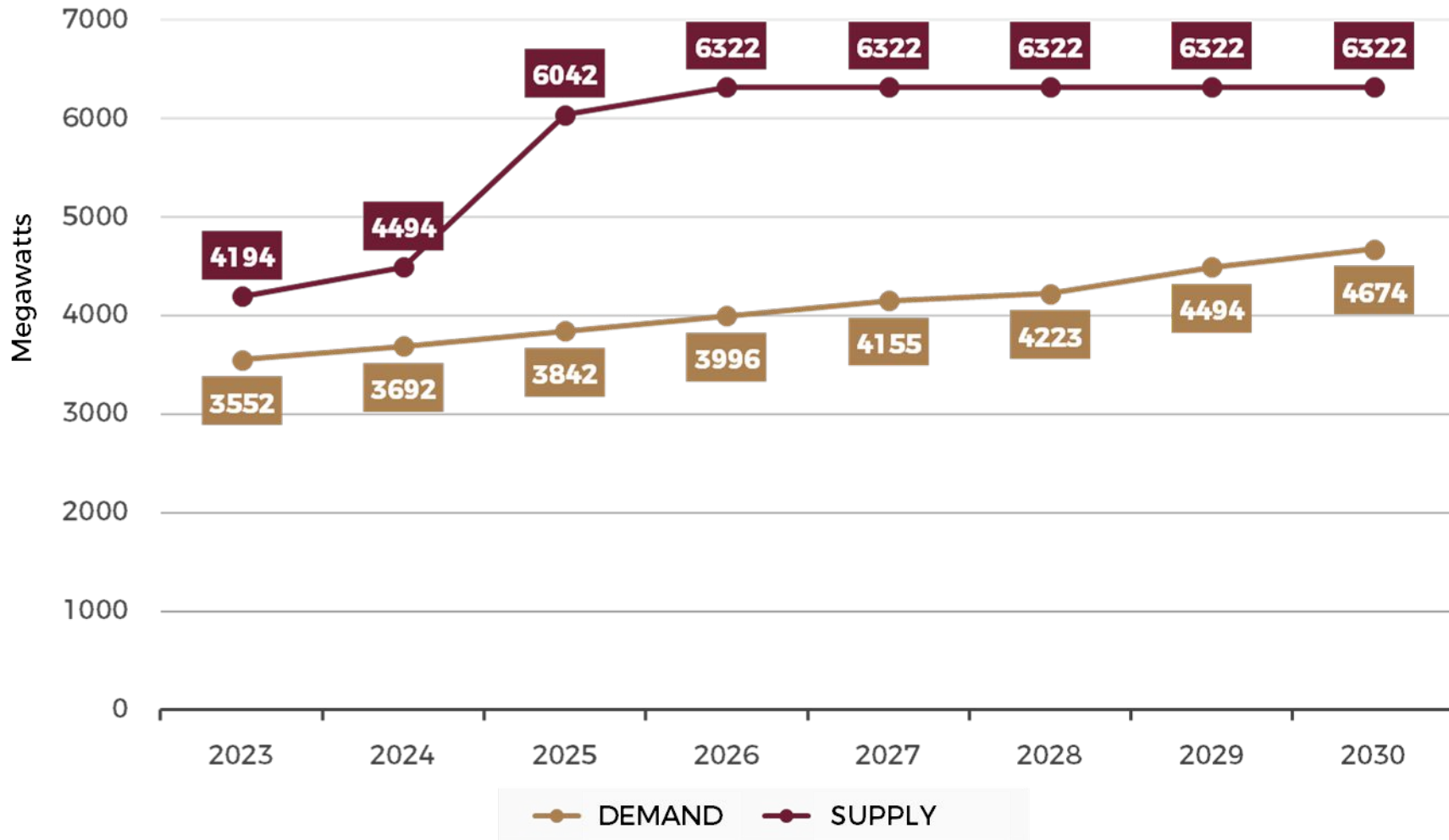
Increasing energy availability

New power plants (1,246 MW), a transmission line from Puerto Peñasco Photovoltaic (880 MW), a LNG supply pipeline and a large-scale clean hydrogen project add to Baja California's power grid that will interconnect with the national energy system.



Electric power surplus

Capacity being added allows Baja California to meet the demand for the following years



YEAR	ADDITIONAL AVAILABLE POWER (MW)
2023	642
2024	800 + 300 PV
2025	2200 + 600 PV
2026	2326 + 880 PV
2027	2167 + 880 PV
2028	2099 + 880 PV
2029	1820 + 880 PV
2030	1648 + 880 PV

PV stands for Photovoltaic power from Puerto Peñasco

PUNTA COLONET MULTIMODAL TERMINAL

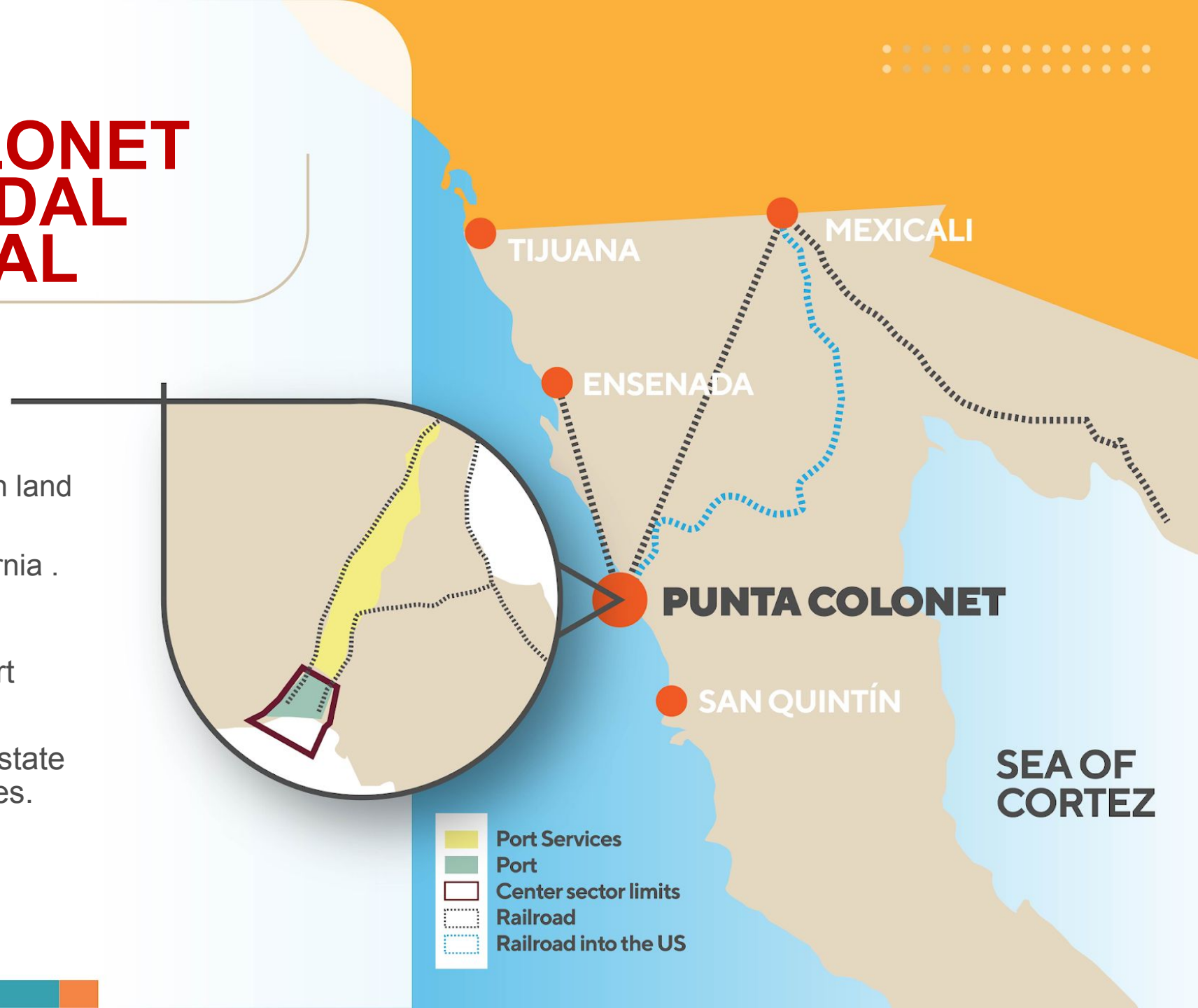
Location

Colonet Bay (Bahía Colonet), with land connection to California and Rail Connection to Arizona and California .

Project

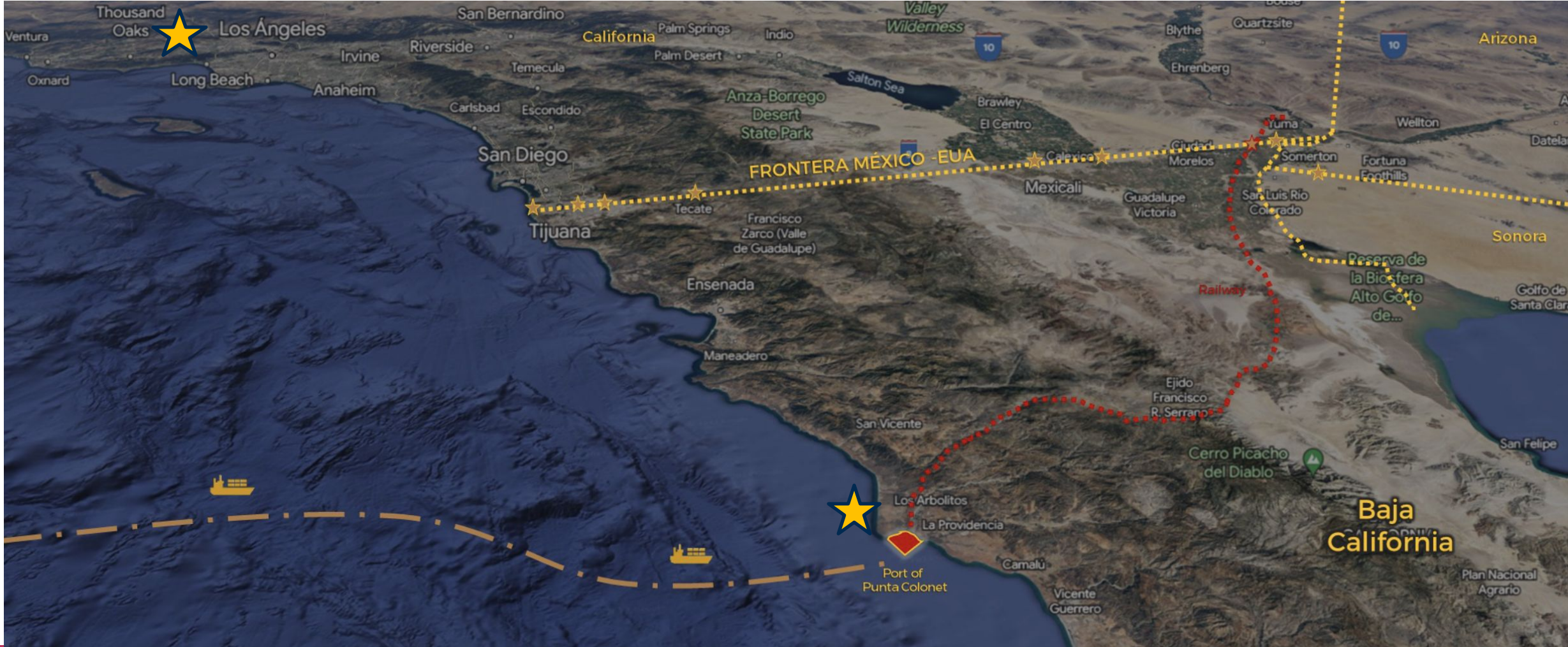
Construction of Railway and Port infrastructure for transportation

of commercial goods within the state of Baja and into the United States.



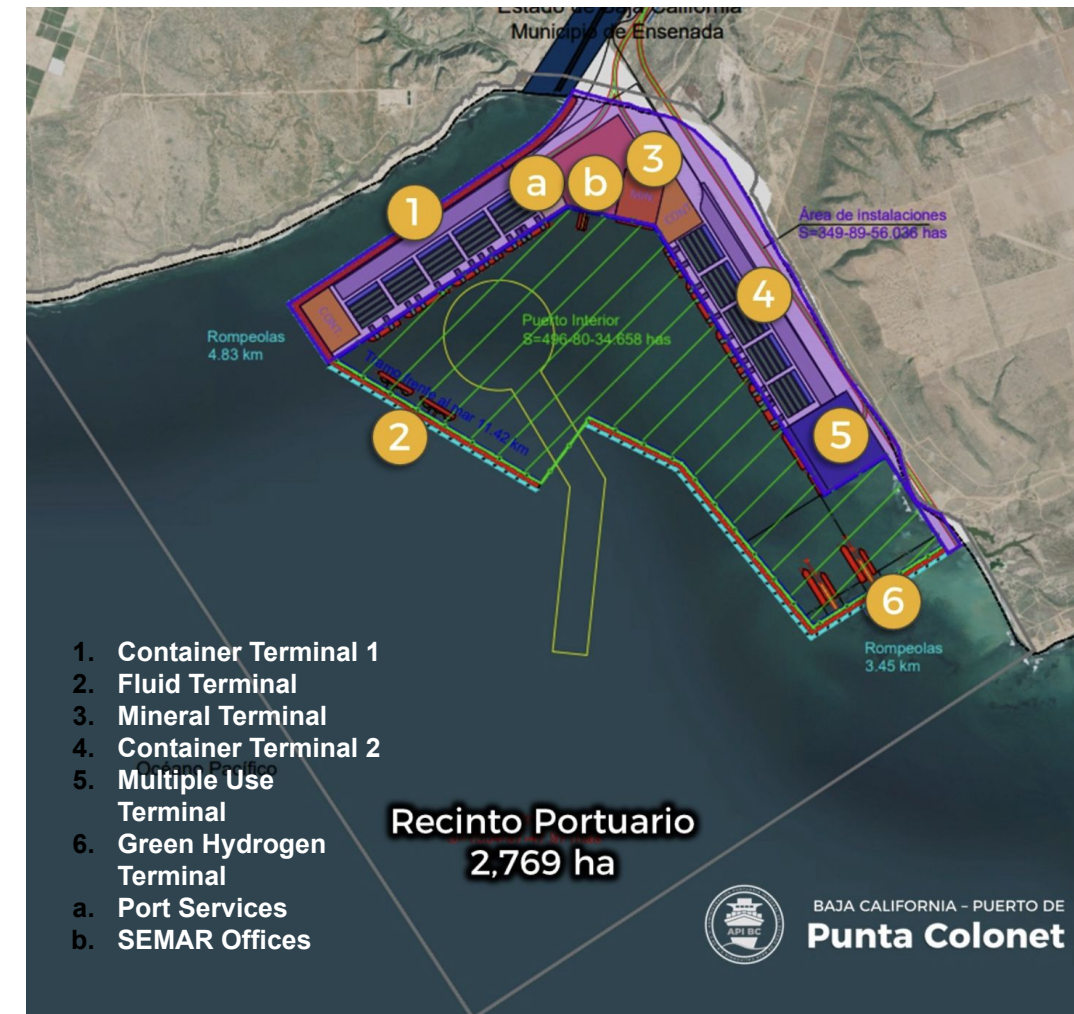
COLONET PORT

- 250 km to **USA Border** /500 km to LA ports
 - 4.8 million TEU's Phase 3 Capacity
 - **Clean Hydrogen** Ready Terminals
- 310 km of Rail line from COLONET to Border With California and Arizona
- Connected to **Air Service and Logistics HUB** IN Mexicali



COLONET PORT PHASES

- Phase 1**
2027
 - 1.2 million TEU/Yearly
 - 2 docking Positions
 - 1 operator
- Phase 2**
 - 2.4 million TEU/Yearly
 - 4 docking Positions
 - 1 operator
- Phase 3**
 - 4.8 million TEU/Yearly
 - 8 docking Positions
 - 2 operators



AIR LOGISTICS AND SERVICE HUB

Mexicali airport

KEY HIGHLIGHTS

- Intermodal operations linking the airport facility with the train from Port of Colonet and the US railway system (Truck + Train + Air freight options in one location).
- Development of new logistics warehouses and customs facilities for cargo dispatch inside the airport.
- Aircraft maintenance, repair and overhaul (MRO) activities on site to serve the regional air fleet for North American companies.
- Linkage to both regional and global value chains of strategic sectors such as electromobility, medical devices, aerospace and electronics.

HYDROGEN AS AN ENERGY SOURCE

Project

Boosting a private investment project to transport ammonia for green hydrogen production through a maritime duct export terminal system across the US border.

The available hydrogen by-products will become an energy source

CLEAN ENERGY SUPPLY

Hydrogen

KEY HIGHLIGHTS

- Hydrogen is expected to play a significant role in global efforts to decarbonize our world.
- A number of clean hydrogen (blue and green) projects under development throughout the state will offer clean energy to a wide range of industrial, data centers and other off-takers.
- Ammonia (NH₃) can be used as a hydrogen (H₂) carrier, to not only offer clean energy to industrial users, but also provide competitive clean ammonia to agricultural users in the region
- The combination of the various hydrogen projects under development and the facilities planned for Punta Colonet will provide significant nearshoring opportunities and make Baja California a state a leader in clean energy development.
- Interest in hydrogen in Baja California continues to increase rapidly, demonstrated by recent announcements like Kenworth's hydrogen truck center in the state.

LITHIUM INDUSTRY

Location

Mexicali

Project

Developing a Lithium extractive mining industry at Cerro Prieto for the establishment of EV related industry.

Joint development alongside the US as a result of the proximity to “Lithium Valley”, the Salton Sea lithium reserve in Calibaja.

Concept



ELECTROMOBILITY

Project

Promoting electrically powered vehicle manufacturing investments and building supply chains around main manufacturers in the region.

This strategy aligns to California's car regulation, decarbonization practices and zero emission policies for 2025.

Execution



OTAY II CROSSING BORDER

Location

Tijuana – San Diego

Project

A new toll-based touristic and cargo crossing border between the US and Mexico

Its variable toll system will manage transit demand and will decrease both congestion and waiting times in other land ports of entry.



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THANK YOU.

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