



Worley **LATAM Overview**

Capability and experience



Why Worley?

A global leading company providing engineering and construction management services in the energy, chemical and mining sector

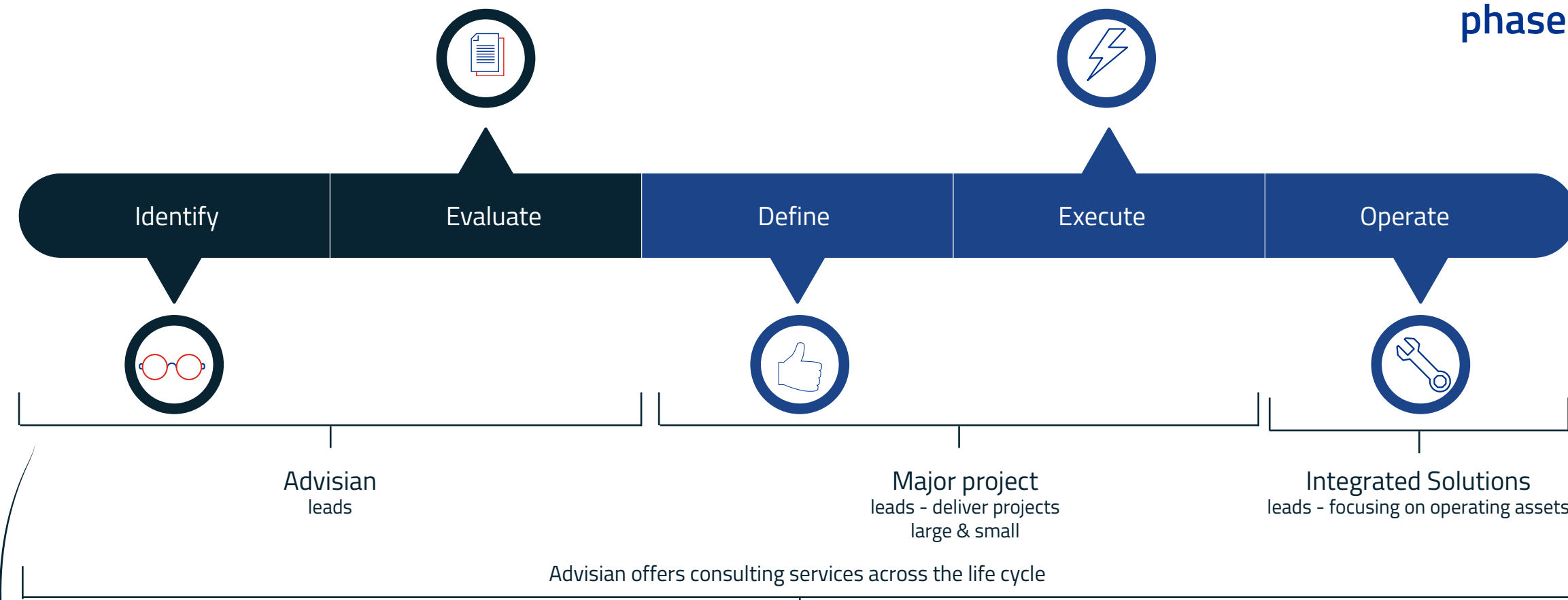
in **49** countries

almost **48,000** people

Different perspectives, insights, capabilities and expertise from around the globe for the benefits of our customers and of the industries in which we work.

Worley operates without geographical limits, making sure to provide the right technical expertise from any part of the company to help in the projects of our customers

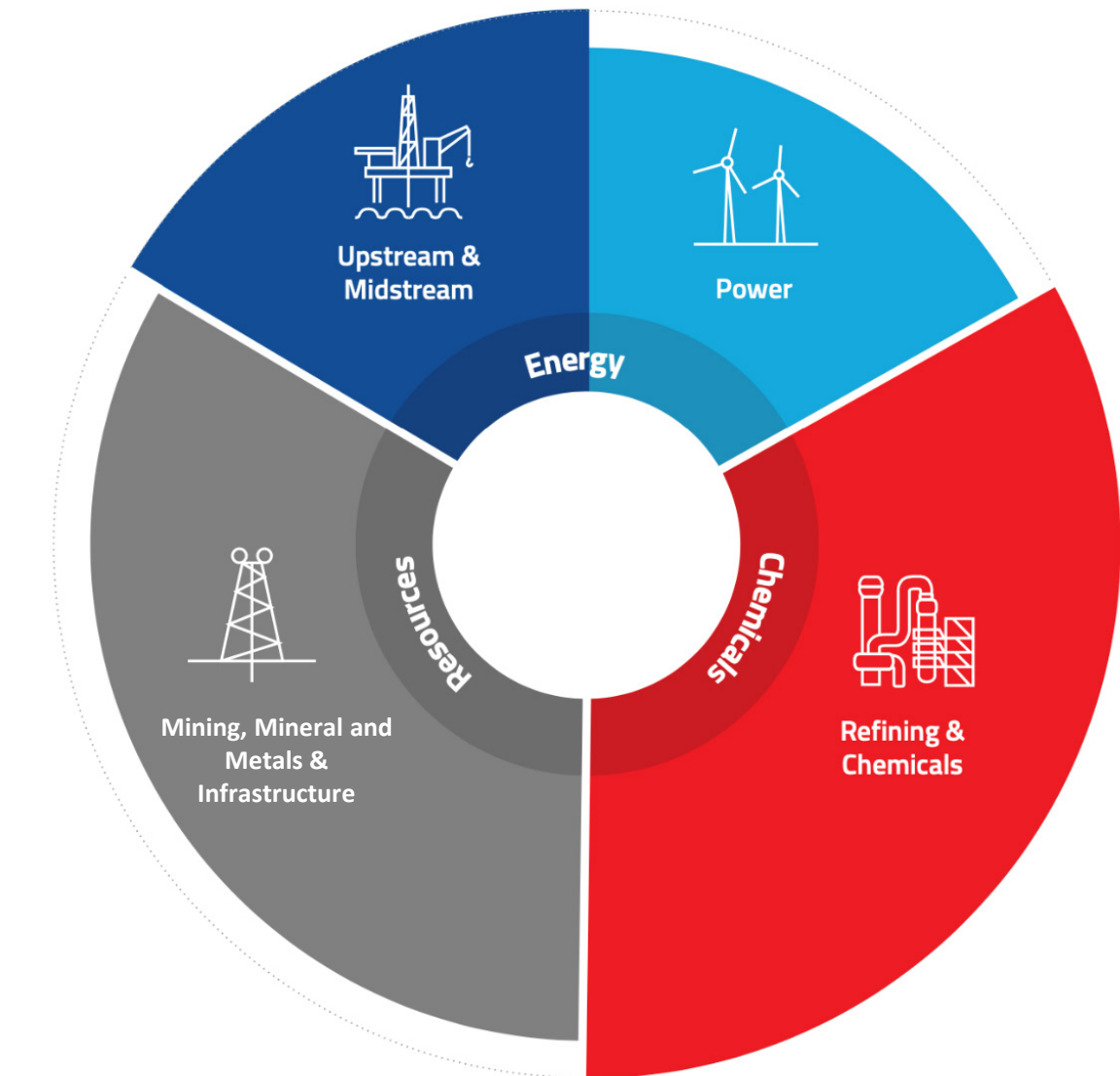
Worley offers support across all phases of the asset lifecycle



- Industrial water and environment
- Refining
- Petrochemicals
- Market advisory services
- Operation/Organization improvement
- Asset management

Markets we operate

We are a future-focused business that provides solutions across the full value chain. As a partner of choice, we help our customers navigate the challenges that come with transitioning to low-cost, reliable clean energy and new digital technologies.



Our strategic portfolio

Key elements of our accelerated digital strategy

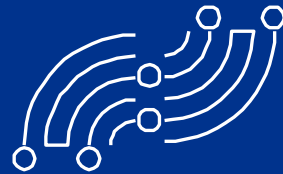
Our three focus areas

1



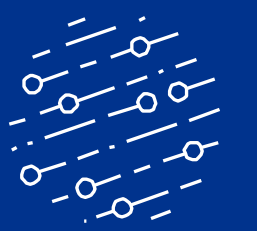
Digital platforms and data science

2



Automated company

3



Product and technology portfolio

We embed digital into everything we do



Presence of Worley in the region

+2800
Total resources



Mexico - Ciudad de Mexico
Staff: 290



Colombia - Bogota
Staff: +364



Peru - Lima
Staff: +70



Chile - Santiago de Chile
Staff: +775



Brazil - Sao Paulo
Staff: +707



Argentina - Buenos Aires
Other technical offices:
Campana, Bahia Blanca,
Neuquen & Rosario
Staff: +600

Click on each flag for more information

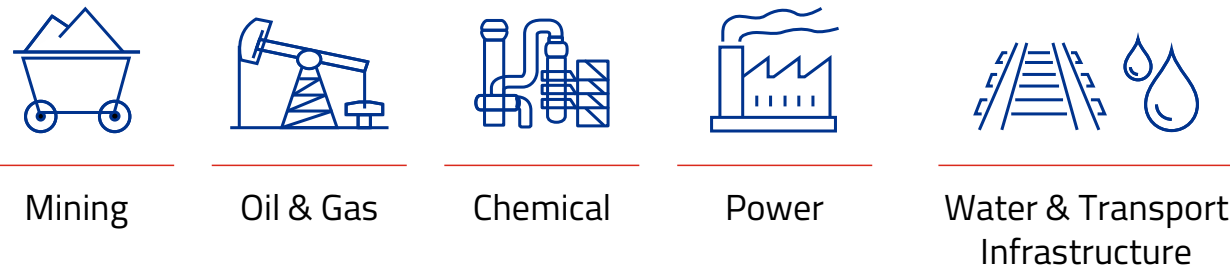


WORLEY Argentina

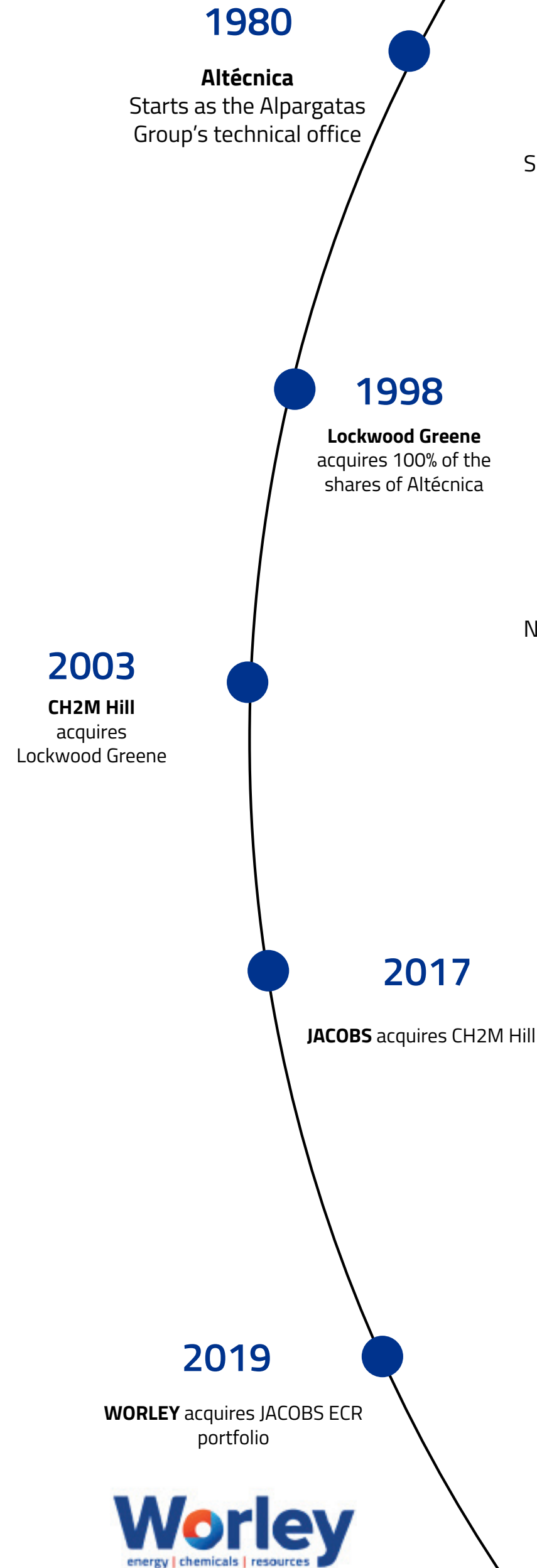
Initiated operations (Altécnica): 1980

- **ISO Certification**
9001:2015, 14001:2015, 45001:2018
- **Broad experience in multi-office execution**
- **Full multidisciplinary team**
Knowledge in local and international standards
- **Strategic Locations**
Buenos Aires, Bahía Blanca, Neuquén, Salta
- **Total Recordable Rate (TRR)**
(12 months rolling average) 0.23

Argentina Operation - General Overview

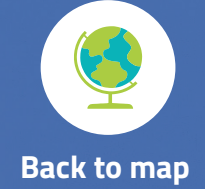


OUR SERVICES



- Full capabilities in Consulting, Conceptual, Basic & Detailed Engineering, Project Management, Project Control, Cost Estimating, Construction Management, Pre commissioning, Commissioning and Start Up
- Full Scope Capabilities to develop projects in Hydrocarbons, Energy, Mining, Chemical and Infrastructures sectors
- **+1,2M** working hours in MSA Engineering experience in last 5 years
- Developed **400** projects in the last 10 years
- **+600,000** hours EPCM projects in the last 3 years
- Developing Lithium Carbonate projects located in Salta, Catamarca and Jujuy Salars since **2015**

Exporting engineering services since **1996**





WORLEY Chile

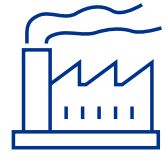
Initiated operations (Davy Mackee): 1960

- **ISO Certification**
9001:2018; BIM ISO19650
- **Broad experience in multi-office execution**
- **Full multidisciplinary team**
Knowledge in local and international standards
- **Strategic Locations**
Santiago, Chile

Chile Operation - General Overview



Mining & Minerals



Power

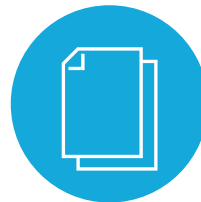


Infrastructure & Water Industries

OUR SERVICES



Due diligence



Prefeasibility studies



Feasibility studies



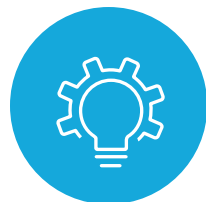
Environmental Studies



Safety Process Studies



Pre-conceptual engineering



Conceptual Engineering



Basic Engineering



Detailed engineering



Project Services



Procurement



Owner's engineering



PMC



EPC / EPCM



Construction Management

1960

Davy Mackee

- CAP
- Copper Braden

1980

Davy International ASA Minmetal

- Codelco
- Exxon
- MOP
- El Indio
- SQM

1990

Aker Kvaerner buys Davy International

- Codelco
- Copper Braden
- Rio Algom
- BHP
- Sali Hoschild
- AMSA
- Metro
- SQM
- Foote Minerals
- AMAX
- Cyprus
- Phelps

2000

Worley Parsons buys ARA (50% first and later 100%)

SKM buys Minmetal

Aker Kvaerner changes to **Aker Solutions**

Jacobs buys **Aker Solution**

Worley Parsons buys **Jacob Mining & Minerals**

Worley

- Codelco
- Copper Braden
- Teck
- BHP
- AMSA
- SQM
- Foote Minerals
- Freeport

- **+2,2 million** hours in MSA contracts in the last 3 years
- **+3,1 million** hours in Copper and +1,2 million hours in Lithium Mining sector in the last 3 years, including PFS, FS, BE, DE and OE
- **+70,000** hours in Environmental projects in the last 3 years
- **+250,000** hours supporting international projects in the last years, including locations like: Australia, USA, Canada and Europe
- **+50 projects** executed in the last years
- **5 projects** developing new technologies for Hydrometallurgy
- Full EPCM capabilities in Mining projects



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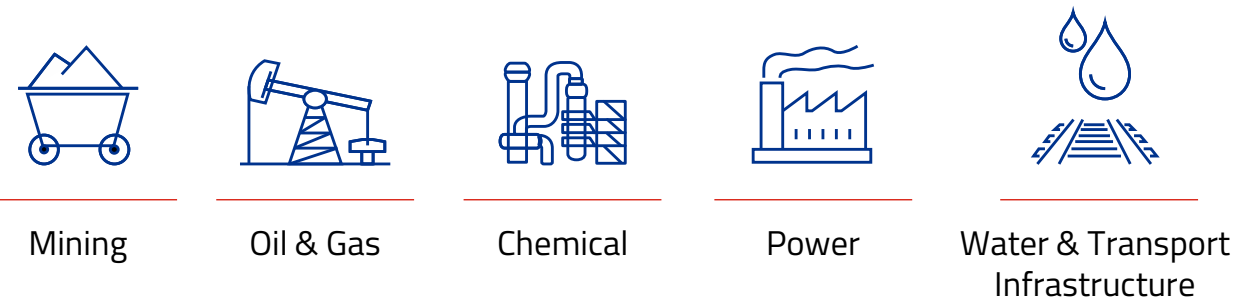


WORLEY Peru

Initiated operations (Alténica): 1997

- **Broad experience in multi-office execution**
- **Full multidisciplinary team**
Knowledge in local and international standards
- **Strategic Locations**
Lima, Peru

Peru Operation - General Overview



OUR SERVICES

- | | |
|--|------------------------------------|
| Engineering (PFS, FS, Conceptual, Basic, Detail, OE) | Environmental Studies |
| Procurement | HSE Management |
| Construction Management | Precomm, Comm & Startup Management |
| PMC | EPC / EPCM |

1997
Jacobs Perú
Start Operations

2005

2011
Jacobs acquires Aker

2013
Jacobs acquires SKM

2018
Jacobs acquires CH2M

2019
Worley is established

- **+70,000** hours in MSA in the last 5 years
- **+120,000** hours in FS and PFS in the last 5 years
- **+50,000** hours in detail engineering in the last 5 years
- **+30** peer reviews studies in the last 3 years
- **+50** projects in all engineering phases, EPCM, EPC, EP, FS, PFS, Conceptual, basic and detail engineering, IPR, OE, in the Mining market segment
- **+130** Projects executed in the last 25 years



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WORLEY Brazil

Initiated operations (CNEC WorleyParsons): 2009

- **ISO Certification**
NBR ISO 9001:2008, NBR ISO 14001:2004, OHSAS 18001:2007, ABNT NBR ISO 14064-1:2007
- **Broad experience in multi-office execution**
- **Full multidisciplinary team**
Knowledge in local and international standards
- **Strategic Locations**
São Paulo (331), Rio de Janeiro (112),
Belo Horizonte (80), Site Project Offices (281)

Brazil Operation - General Overview



Power Plants (HPP) Hydro Power & Water Treatment Chemical & Petrochemicals Resource Infrastructure

Center of Excellence

OUR SERVICES

| | | |
|-----------------------------|------------------------------|---------------------------------|
| Brownfields (with Advisian) | Gas processing | Non-resource Infrastructure |
| Greenfield (with Advisian) | LNG Regasification | Pharmaceuticals (with Advisian) |
| Offshore floating | Mineable Oil Sands | Pharmaceuticals (with Advisian) |
| Pipelines onshore | Heavy oil | Geothermal, Hydro and Ocean |
| Refining | Bauxite, Alumina & Aluminium | Resource Infrastructure |

1978
CNEC - Consórcio Nacional de Engenheiros Consultores S/A.

2009
Worley Parsons acquires CNEC Projetos de Engenharia

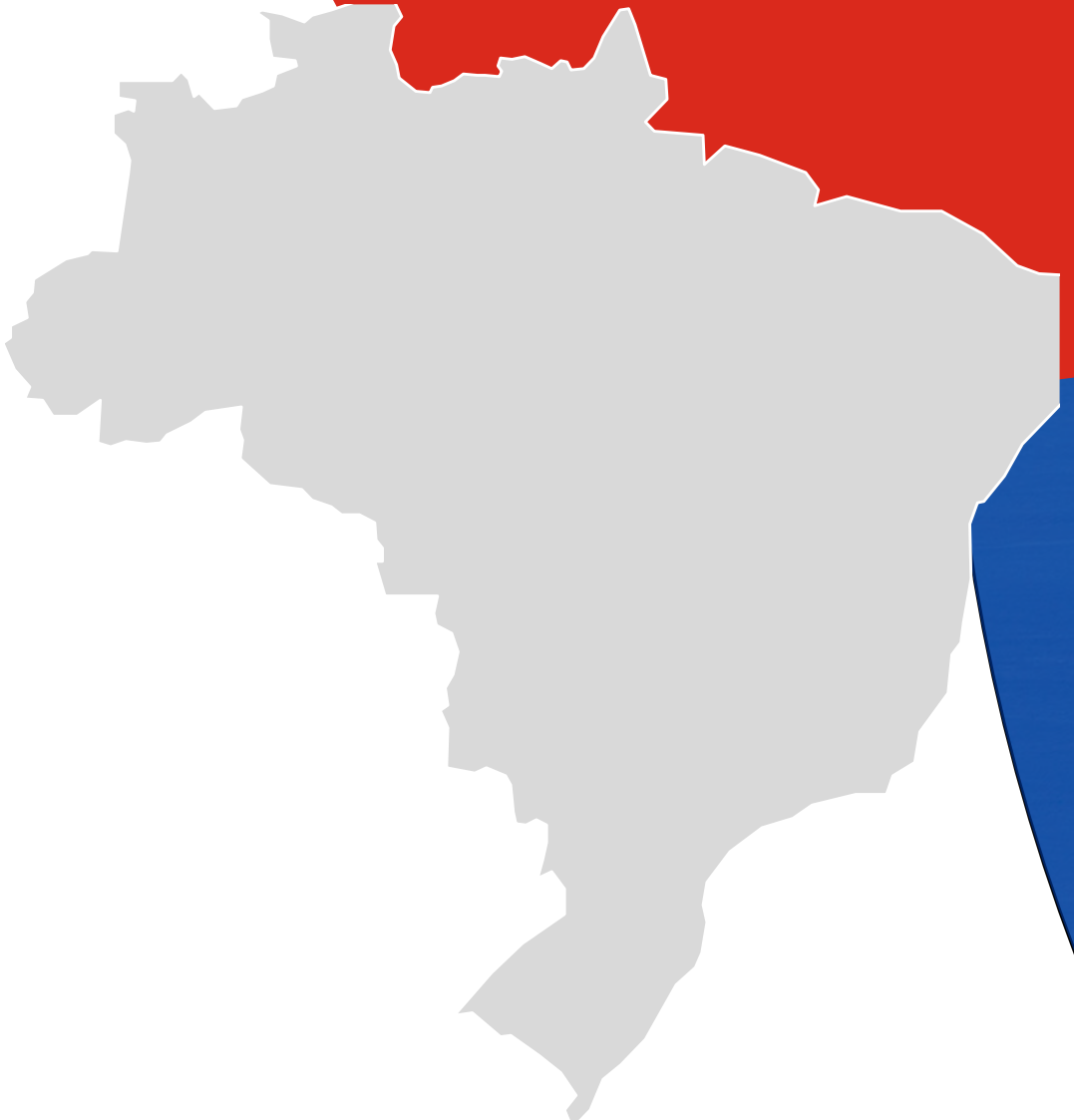
2011
WorleyParsons incorporate INTECSEA Brasil Engenharia Ltda

2015
CNEC WorleyParsons Engenharia S.A. changes its corporate name WorleyParsons Engenharia S.A.

2019
WorleyParsons Engenharia LTDA. changes its corporate name Worley Engenharia LTDA.



- Over **1,050** industry projects throughout 60 years for Brazilian and International customers
- **+40 million** working hours in EPCM/PMC/OE experience in last 10 years
- **+900,000** working hours in Upstream Projects over the last 5 years
- **+675,000** working hours in Offshore Projects
- **+1,500,000** working hours in Environmental Projects in last 3 years
- Over **53** years in HydroPower plant Project Experience
- A pioneering leader in Environmental Studies and Programs Implementation in Brazil
- Full Capability in Conceptual Engineering and Cost Estimate
- Full Scope Capability in EPCM Projects in Hydrocarbons, Energy, Mining and Infrastructure sectors



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WORLEY Colombia

Initiated operations (Worley Parsons): 2009

- **ISO Certification**
9001:2015, 14001:2015, 45001:2018
- **Broad experience in multi-office execution**
- **Full multidisciplinary team**
Knowledge in local and international standards
- **Strategic Locations**
Bogota, Colombia

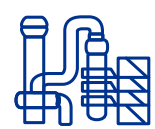
Colombia Operation - General Overview



Oil & Gas



Power



Chemical



Resource infrastructure

OUR SERVICES

| | | | | | |
|--|------------------------|--|------------------------|--|----------------------------|
| | Due diligence | | Prefeasibility studies | | Feasibility studies |
| | Environmental Studies | | Safety Process Studies | | Pre-conceptual engineering |
| | Conceptual Engineering | | Basic Engineering | | Detailed engineering |
| | Project Services | | Procurement | | Owner's engineering |
| | PMC | | EPC / EPCM | | Construction Management |

1990
PARSONS

- BP EPC Cusiana
- Isagen EPC Termocentro.
- EPM EPC Termosierra

2000
WorleyParsons

- ECP FEED HDT GRB
- Ecopetrol PMC for FEL 1&2 PCIP Projec
- TermoCandelaria Pre-com, Com. and Start-Up

2009
WorleyParsons Colombia

November 13, 2009. the company was established in Colombia

2014
WorleyParsons Colombia

- Ocesa EPcM P-135. More than 300 employees

2017
Worley Colombia

- MSA Ecopetrol

2019
WorleyParsons

- Day 1 Worley
- More than 330 employees
- MSA Cenit
- MSA Reficar
- MSA Esenttia
- MSA Frontera

2020
Worley Colombia

- More than 500 employees

+1,750,000 working hours in MSA Engineering OSDs experience in last **5 years**

- Full Scope Capability in EPCM Projects in Hydrocarbons, Energy, Mining, Chemical and Infraestructure sectors
- **+58,000** working hours in FEED projects over the last **2 years**
- **+64,000** working hours in one PMC Project since **2020**
- Full Capability in Conceptual, Basic, & Detail Engineering and Cost Estimate
- Over **1,050** industry projects throughout 60 years for Colombian and international customers

[Click Here](#)



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Worley
energy | chemicals | resources