



Focus on Argentina and Brazil: Project delivery locally, globally

Earlier this year, CH2M HILL in Argentina began work on a \$US 10.4 million engineering-procurement-construction-management project for a large French energy company with operations in more than 130 countries. The project employees are delivering for Total Austral is but one of many provided to multinational companies in South America, China, Europe, Russia and the United States.

South American operations began in 1980 as an engineering and construction company called Altécnica. Since then, after being acquired by Lockwood Greene and CH2M HILL, the office has grown to include more than 400 employees. They are primarily focused on the industrial sector, with emphasis on power, oil and gas, chemicals, and manufacturing.

“Given the number of projects that have been successfully carried out and the number of talented professionals working in the office, CH2M HILL can confidently claim its position as one of the most important engineering firms in Argentina,” said Manuel Aguirre, the firm’s South America managing director.

What follows is a sampling of work currently being done from Buenos Aires and the office in São Paulo, Brazil, which has approximately 80 employees.

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Local offices, global reach

The Buenos Aires office has exported engineering services for more than 750,000 billable hours to projects well beyond South America. These clients include:

U.S.A.

Allegheny Energy Solutions
Consolidated Edison Development
Dominion Power
GenWest
American Buildings
U.S. Embassy in Peru
Sigma-Aldrich
Isaura Condominium
General Electric – Basin Project
Nevada Power
Sherwin Williams
Shimizu
Suncor
Toray
Xcel Energy

Ireland

Cargill (staff are currently working in Ireland for projects located in England and France)

Russia

Pepsi-Cola
Colgate-Palmolive
Procter & Gamble
Nestle
Kraft Foods
Megamall
U.S. Embassy in Moscow

Ukraine

Pepsi-Cola
Phillip Morris

Singapore

Tate & Lyle

China

Tenaris



Argentina leadership includes: Buenos Aires office directors (left to right) Enrique Ponzano, administration and finance director; Eduardo Pelazza, business development director; Roberto Massa, director of operations; Manuel Aguirre, managing director of South America; Jazmin Kevorkian, human resources director; Enrique Voronese, director of design; and Guillermo Puentes, director of construction.

São Paulo employees have worked for many multinational clients in Brazil, including:

Coca-Cola	Hines	General Electric
Kraft	CommScope	Bayer
Colgate-Palmolive	Oxiteno	Procter & Gamble
Akzo Nobel	Holiday Inn	Ferrero
Monsanto	3M	GlaxoSmithKline
Fosfertil	ExxonMobil	Firmenich
Cardinal Health	Alcoa	Aventis
AmBev	Bristol Myers Squibb	Petrobras
Wal-Mart	Kellogg's	Novartis

Cargill – Soya oil processing plant and port

Cargill is the largest processor of oilseed worldwide and is involved in the development and expansion of the industry in Argentina. Today, the company is the country's largest exporter of vegetable oils and protein meals.

Its latest investment includes a soya (soy) oil processing plant and a new port for exporting, which will be located in Gobernador Galvez, Santa Fe. The plant is designed to process soybean seeds and has a crushing capacity of 6,300 tons per day for Phase 1. CH2M HILL is providing a wide range of services for this phase, including project and construction management.

Phase 2, which began in November 2005, will double the size of the plant's production. CH2M HILL again will provide project and construction management services. The project is scheduled for completion in February 2007.

Out of Argentina

Best value engineering

Beginning in 1996, a long-term plan was launched from the Buenos Aires office to provide top-quality engineering services globally.

That strategy was mapped out in three phases:

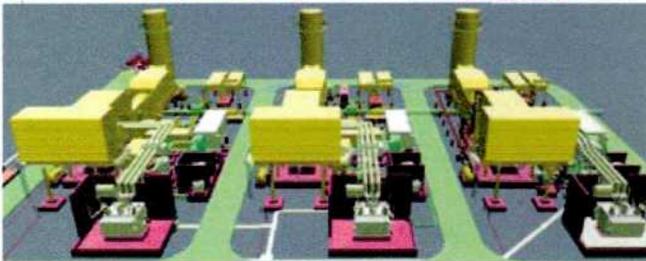
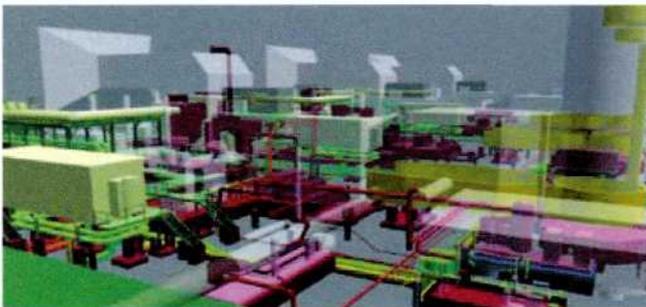
Phase 1 (1996) – Work with international clients and expand operations throughout South America.

Phase 2 (1998) – Train the local personnel in U.S. and European offices, and work as a team with other international offices on projects in the region.

More than 80 professionals were trained abroad for an average of six months in offices in the U.S. and Russia.

Phase 3 (2000) – Export engineering services from Buenos Aires for projects in the U.S., Europe, and other locations.

Currently, the Buenos Aires Office has exported more than 750,000 billable hours.



Buenos Aires employees are working on several projects using Plant Design System (PDS) to perform multi-office project execution, increasing productivity and lowering design costs. They have used the high-end design tool on several U.S. power-plant projects as well as a refinery in Brazil and a sweetener processing facility in Singapore.



The CH2M HILL team safely repaired this T1501 quench tower at a Dow chemical plant in Argentina.

Dow – Polyethylene plants

Located near Bahía Blanca, Buenos Aires, Dow's PBBPolisur facility includes six facilities; two ethylene plants and four polyethylene plants that produce low-density, high-density and lineal polyethylene.

CH2M HILL is providing detailed engineering and supervision for all disciplines. (In 2004, 2005 and 2006, the firm received special awards for safety.)

Dow's second manufacturing site in Argentina is located in San Lorenzo, Santa Fe. It produces polyurethane, special chemicals and agrichemicals. CH2M HILL is providing maintenance solutions for the chemical and agrochemical plants.

For both the San Lorenzo and Bahía Blanca sites, CH2M HILL is responsible for installing the main manufacturing equipment.

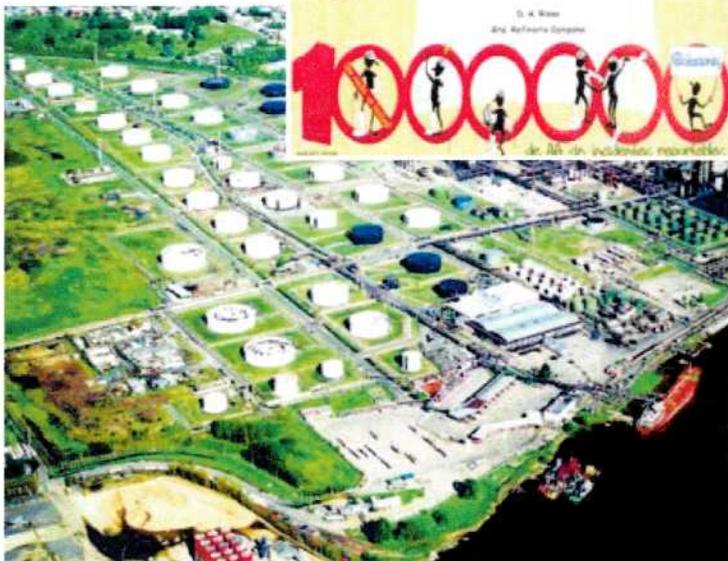
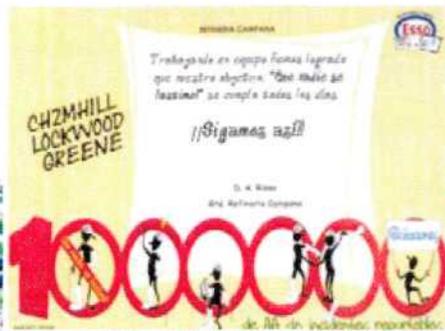
CH2M HILL, which began working for Dow in Argentina in 2002, has an office with 25 employees dedicated to the two projects and they have support from employees in the main Buenos Aires office.

ExxonMobil – Refinery engineering, maintenance and site supervision

The biggest ExxonMobil refinery in Latin America is located in Campana, Buenos Aires. The production volume is 14,000 cubic meters (494,400 cubic feet) per day, and it produces a wide array of fuels, solvents and lubricants.

The refinery requires a variety of services and special projects. CH2M HILL has an open contract to carry out engineering, maintenance projects and site supervision. Since 2002, there has been a dedicated office of approximately 60 employees onsite working daily with Exxon's engineering and maintenance team.

In May of this year, the firm received an award from ExxonMobil for working 1 million hours without a recordable incident.



Don Zabilansky, Mike McKelvy, Manuel Aguirre, Roberto Massa, and Ricardo Traina are at the ExxonMobil project site in Campana. Traina is receiving recognition for his excellent work for the client and the award-winning safety achievement.



Wal-Mart – retail, wholesale and distribution center

São Paulo employees have been providing services to Wal-Mart since 1994, when the retailer first opened operations in South America. Their work includes: engineering; executing the major part of Wal-Mart's expansion program in Brazil; site selection feasibility studies; planning; cost control; and construction management. And they've done this while meeting an ambitious schedule for store openings.

Currently, employees are involved with more than 15 projects, each one requiring a site adaptation plan and the development of detailed engineering.

Wal-Mart launched a project strategy in Brazil that included retail outlets, wholesale stores and a distribution center. CH2M HILL worked together with Wal-Mart's international operations and its consultants to develop store prototypes that were adapted to the region.

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Dario Pohl highlights oilfield project

In August, Aspentech, a manufacturing efficiency company, hosted in Buenos Aires a seminar on design and verification of heat exchangers using HTFS+, a simulation and design tool.

Among the noted speakers was CH2M HILL's Dario Pohl, a process engineer. He highlighted an oilfield project near Argentina that was done for Repsol YPF, a Spain-based petroleum company.

Pohl described Aspentech's methodology, tools and programs used for the project, the expected benefits to the operations, and the importance of giving clients reliable information, using simulation programs that help them to make the best decisions.

After Pohl's presentation, Aspentech's Steve Noe invited him to present the case at the company's "World Users Group Meeting," which will be held in Houston, Texas, in March.



Stats and facts

Argentina

Sizing it up: Second largest South American country; (2.8 million square kilometers or 1,081,000 sq. miles)

High spot: Aconcagua Peak at 6,960 meters (22,834 feet)

Ranging terrain: Forest and savanna (north); Pampas plain (center); Patagonia plateau (south); and rugged Andes Mountains (western border)

Oceanfront: 4,989 kilometers (3,100 miles) of coastline

Head count: Just shy of 40 million population

Talking the talk: Spanish is the official language, but you might get by with English, Italian, German or French

Money matters: Peso; \$US 542.8 billion gross domestic product purchasing power parity; \$40 billion in exports; 12.3 percent inflation

Brazil

Sizing it up: Largest country in South America (8.5 million square kilometers; 3.3 million square miles)

High point: Pico da Neblina (2,900 meters; 9,500 feet)

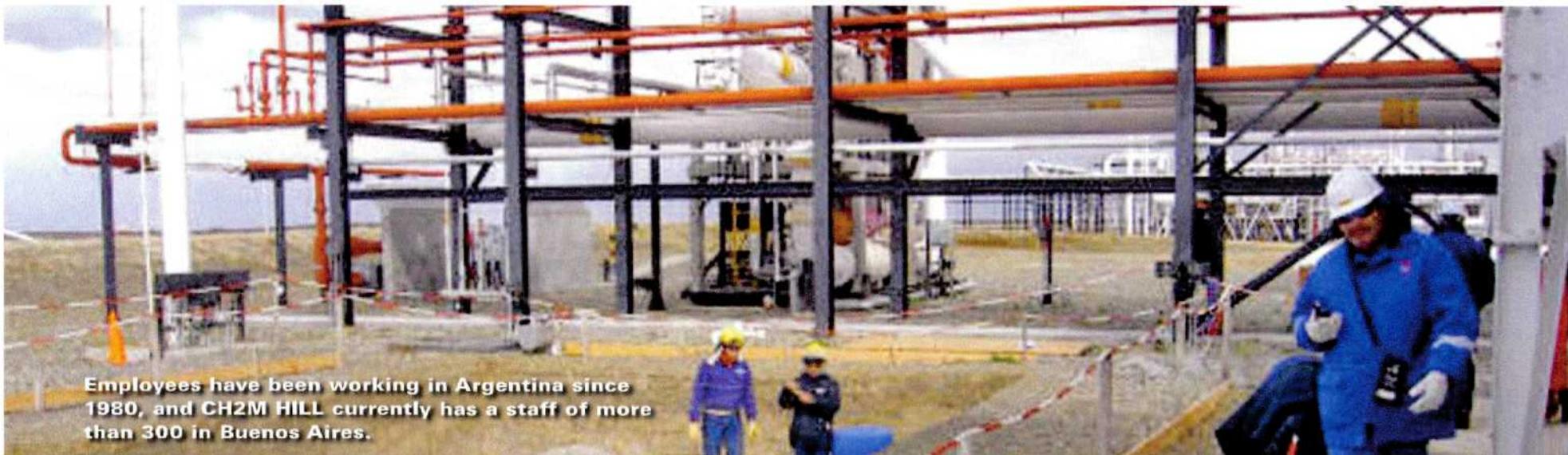
Ranging terrain: Amazon Rainforest in the north; open terrain of hills and low mountains in the south

Oceanfront: 7,491 kilometers (4,655 miles) of coastline

Head count: 187.3 million

Talking the talk: Portuguese, please, but English is taught in schools and Spanish is frequently used

Money matters: Real; \$US 1.5 trillion GDP PPP; \$115.1 billion; 3.74 percent inflation



Employees have been working in Argentina since 1980, and CH2M HILL currently has a staff of more than 300 in Buenos Aires.