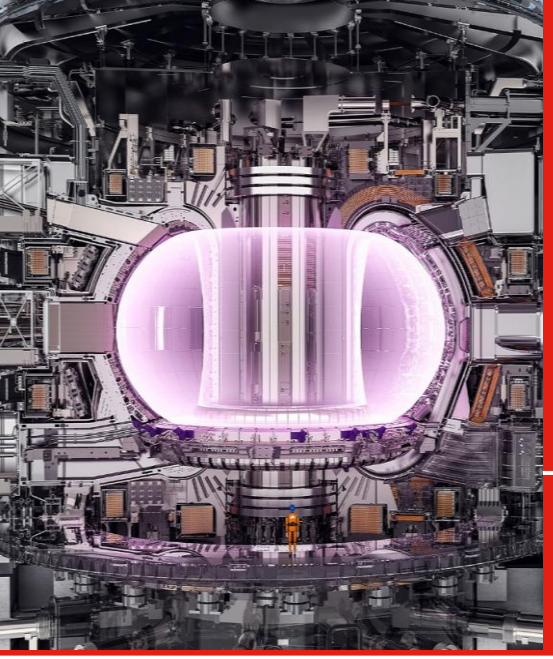
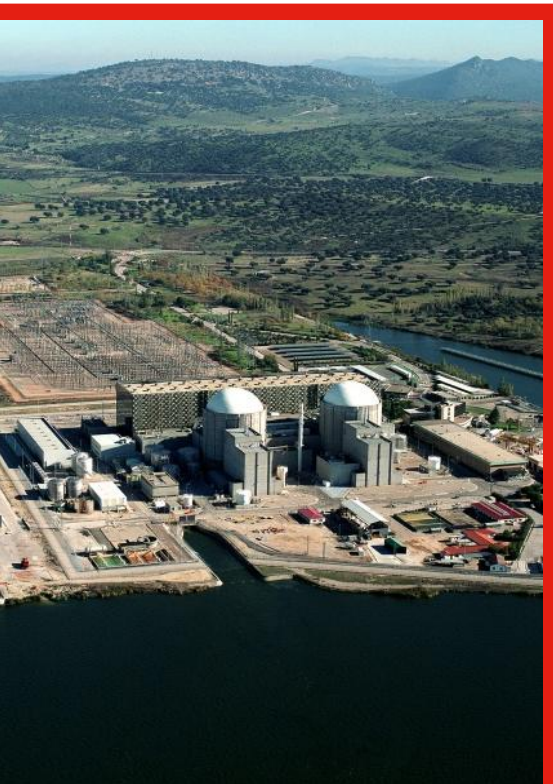
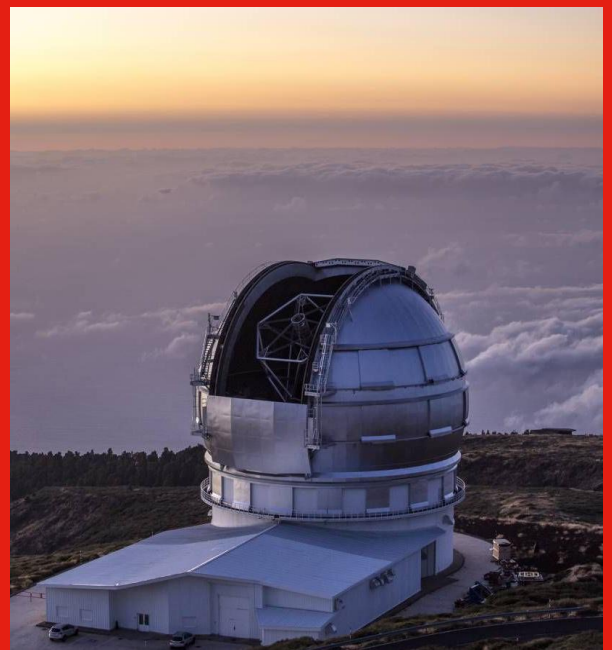






Corporate Presentation

March 2025

EAG

EMPRESARIOS AGRUPADOS • GHESA

EAG Corporate Overview

Top 20 International Engineering & Construction Firm specialized in Power generation.
+60 years of experience
+70 GW developed

Fully integrated engineering capabilities throughout the project value chain and plant lifecycle.

Highly experienced professionals
+10 years average seniority
+1,400 employees

Holistic supply chain expertise and customer profiles, from regulators and lenders, to EPCs, IPPs and Utilities.

Compelling portfolio across all generation technologies: from renewables and fossil fuels up to nuclear (fusion & fission)

Long and successful track record with world class customers in **80 countries.**

DEWA

EAG
EMPRESARIOS AGRUPADOS · GHESA

Shareholders

No. 1

The world's largest Power Research, Design and Consultancy firm

No. 1

No. 1 on the list of "Engineering Design Firms with the Greatest International Expansion in 2023"

9 Awards

Nine China national awards of science and technological progress since 2011

No. 1

The most efficient contractor in China according to ENR (Engineering News-Record)

Top 14

One of the top 250 contractors in the world

16 Grandmaster

Sixteen grandmaster of inspection and design statewide in China

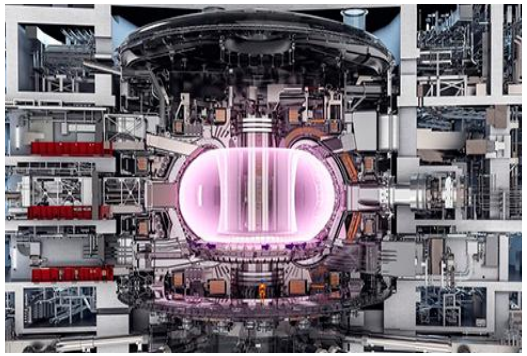
China Power Engineering Consulting Group Co (CPECC), our sole shareholder, is one of the world's largest providers of engineering and consulting services.

CPECC currently has more than 20,000 employees, and an annual turnover of 17,200 million euros.

CPECC belongs to CEEC Energy China, one of the largest global engineering and construction contractors in the energy sector (www.ceec.net.cn)

CPE and CEEC provide maximum solvency for the development and growth of EAG, as well as facilitate access to Chinese financing and investment in international projects.

Main Activities



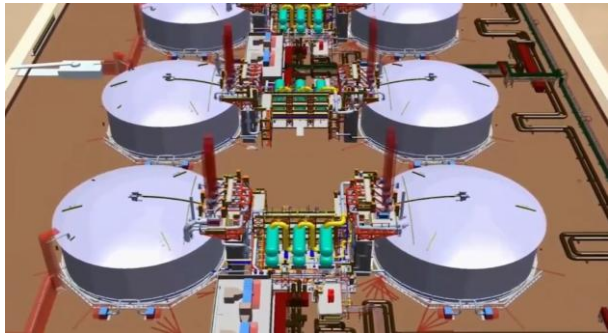
Nuclear New Build &
Advanced Projects

Thermoelectrical
(Gas, Fuel, Coal...)

EPC

Renewable energies
(CSP, WTE, Biomass...)

Operating NPPs, Decommissioning &
Radwaste Disposal



Computing & Simulation

Infrastructures and Water & Art

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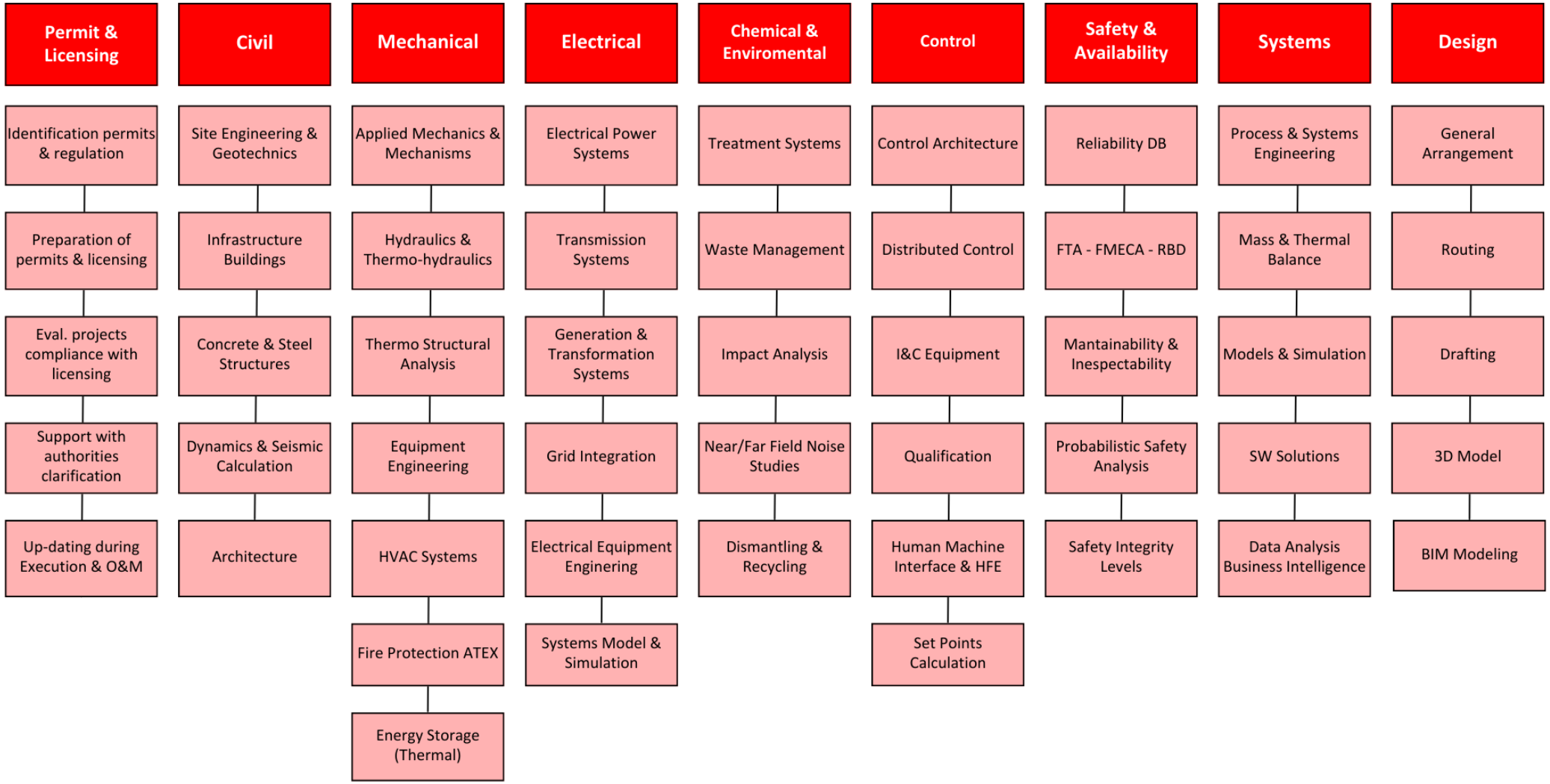
All Engineering disciplines covered by specialized departments with proven procedures



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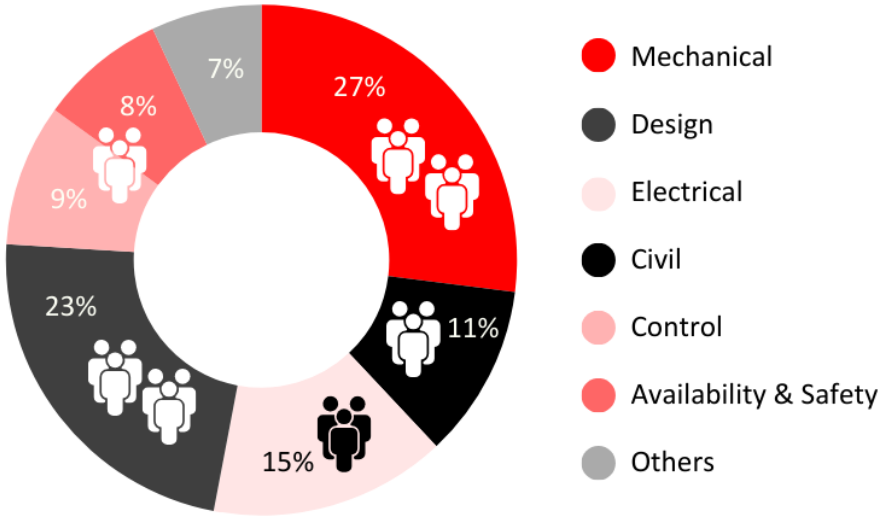
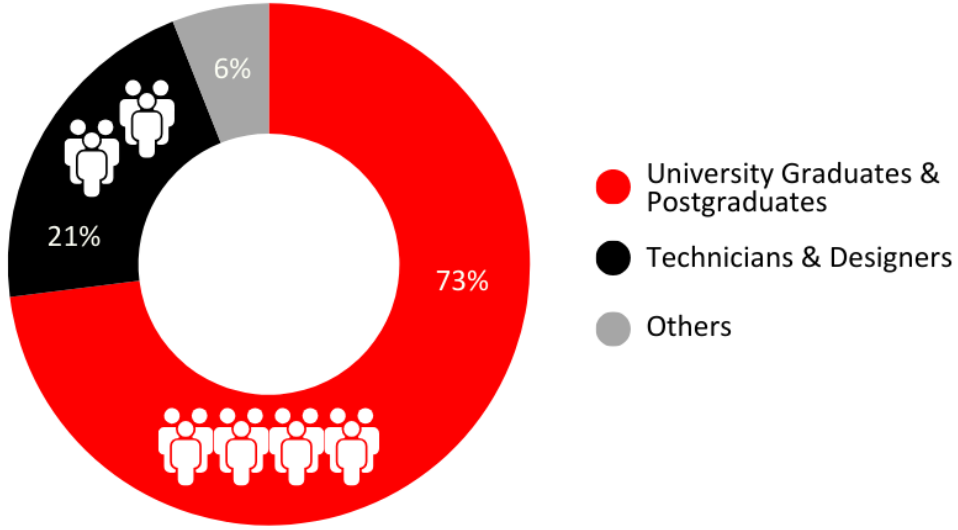
Human Resources





Staff		
Total	Headquarters	Site offices
+1,400	**≈ 85%**	**≈ 15%**

EAG
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EAG References Summary

Nuclear Power Plants (Full Scope)	6 Units	6,316 MW
Nuclear Power Plants (Partial Scope)	3 Units	4,070 MW
Combined Cycle Power Plants	62 Units	29,049 MW
Coal and/or Oil-Fired Power Plants	34 Units	11,300 MW
CHP (Cogeneration)	26 Units	1,530 MW
Biomass	33 Units	630 MW
Solar PV (development, basic & detailed)	118 Units	10,300 MW
Concentrated Solar Power	14 Units	1,540 MW
Wind Power Plants (development, basic & detailed)	91 Units	4,800 MW
Hydroelectric Power Plants	37 Units	1,138 MW
TOTAL	**424 Units**	**70.67 GW**

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Covering all technologies and value chain of the Power Sector

Nuclear Advanced Reactors

(Fission & Fusion, SMRS, Reactors for Non-Energy Applications)

Nuclear New-Build (Nuclear & Conventional Islands)

Nuclear power plants in operation, dismantling and decommissioning, radwaste management

Renewable Power Plants: Solar (PV, CSP), Wind, Biomass, Waste to Energy

Thermal Power Plants: Coal, Fuel Oil, Gas (Open Cycle, Combined Cycle & Cogeneration)

Software & Simulation

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Nuclear Projects

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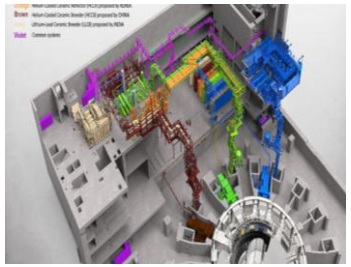
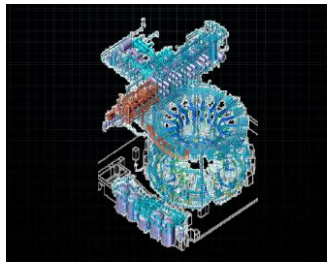
Fusion

Architect-Engineering and Construction Management for all buildings and auxiliary systems at ITER Site

Contract for the supply of Normal Heat Flux First Wall (FW) Panels



Final design of Connection Pipes for tritium generation for the Test Blanket System



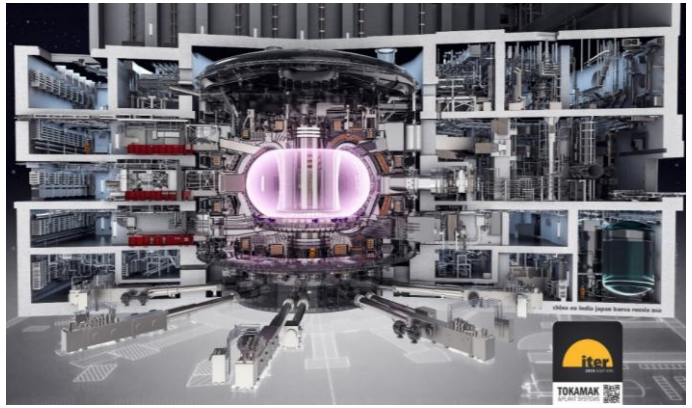
Tokamak Cooling Water System (TCWS) – Thermal - Hydraulic Analysis

SCS-N Central Safety Systems-Nuclear *(Design, manufacture, qualification and installation of CSS-N Control System)*

Machine Assembly Tokamak Complex Control System (TCCS)

iter
china eu india japan korea russia usa

FUSION FOR ENERGY



IFMIF-DONES

Single-sited novel research infrastructure for testing, validation and qualification of the materials to be used in future fusion power plants like DEMO

EUROfusion

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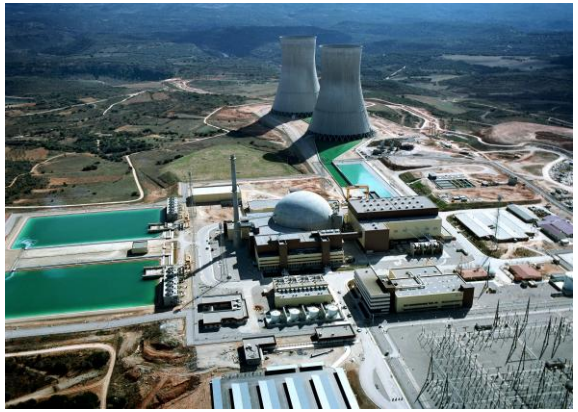
Full Architect Engineering of Spanish Fleet

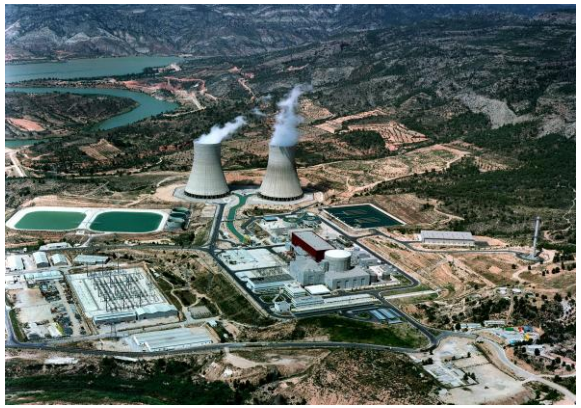
Almaraz 1 & 2 NPP - Spain
2x1040 MWe, PWR, Westinghouse

- Architect-Engineer for the project
- Complete Engineering & Design
- Procurement services
- Construction Management
- Commissioning services



Trillo NPP - Spain
1066 MWe, PWR, Framatome (Siemens – KWU)

- Architect-Engineer for the project
- Complete Engineering & Design
- Procurement services
- Construction Management
- Commissioning services



Cofrentes NPP - Spain
1100 MWe, BWR 6 / Mark III, GE - Hitachi

Architect-Engineer for the project
Complete Engineering & Design
Procurement services
Construction Management support
Commissioning services

Valdecaballeros NPP - Spain
2x975 MWe, BWR 6 / Mark III, GE - Hitachi

- Architect-Engineer for the project
- Complete Engineering & Design
- Procurement services
- Construction Management
- Commissioning services

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Other New Build NPP Projects

BEZNAU 3 NPP, RESUN
SWITZERLAND

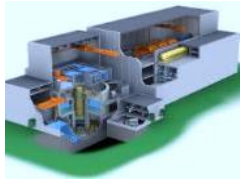
WYLFA NEWYDD
ABWR - UK

OLKILUOTO 3 NPP
EPR - FINLAND

LUNGMEN NPP
ABWR - TAIWAN

HANHIKIVI 1 NPP
AES-2006 (VVER) -
FINLAND

TEMELIN 3 & 4 NPP
CZECH REPUBLIC



ESBWR - USA

ANGRA (Brazil) — FIRST NPP (KSA) — HANHIKIVI 1 (Finland) — WYLFA (UK) — HINKLEY POINT C (UK)

OLKILUOTO 4 (Finland) — OLKILUOTO 3 (Finland) — AKKUYU 1 to 4 (Turkey) — EL DABAA (Egypt) — PAKS 5 & 6 (Hungary)

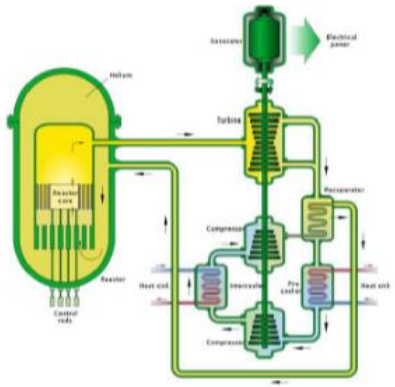
BEZNAU 3 RESUN (Switzerland) — TEMELIN 3 & 4 (Czech Republic) — DUKOVANY 5 (Czech Republic) — BOHUNICE 5 (Slovakia) — MOCHOVCE 3 & 4 (Slovakia)

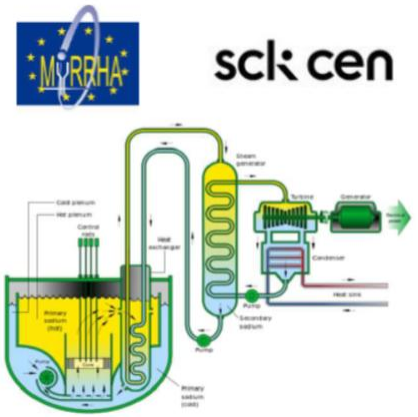
JORDAN 1 (Jordan) — ESBWR (USA) — ABWR (USA) — LUNGMEN 1 & 2 (Taiwan)

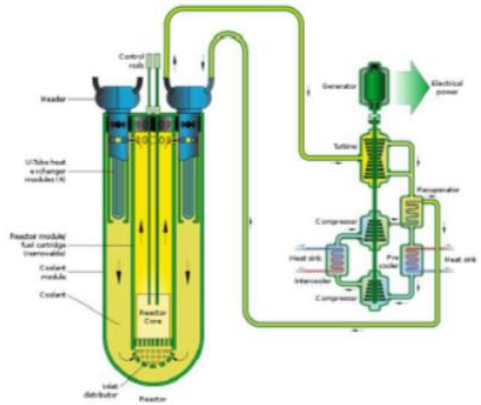
Services Provided

- Architect Engineering Services
- Owner´s Engineer Services
- Consultancy services
- Plant Procurement Process
- Preconstruction Activities
- Request for Information to Vendors
- Assessment of Vendors´ Technologies
- Project Feasibility Study
- Utility Requirements Matrix
- General Licensing Application
- Support to Plant Procurement Process
- Bid Invitation Specifications (BIS)
- Bid Evaluation Manual and Procedures
- Support to Owner for Bids Evaluation
- Support to Owner in Contract negotiations
- Cost Benchmarking
- Technical Due Diligence for the Financing Institutions

Fission & Gen IV Reactor Projects







THORCON

- Architect-Engineering services for the TMSR-500 Project (on-going)
- 500 MW Molten Salt Reactor
- Mounted on Barya

LEAD

- LEADER
- ALSY
- SILER

GAS

- HYCYCLES
- HYTECH
- ADEL
- RAPHAEL
- ARCHER

ACCELERATOR

EUROTRANS
ADS
MAX
CDT

SODIUM

- EISOFAR
- ESFR

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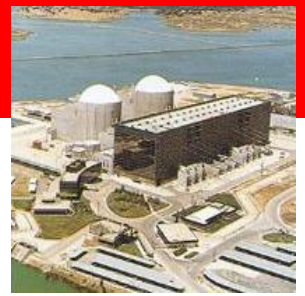
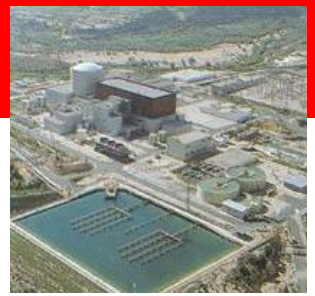
Engineering Services to Operating NPPs



Almaraz NPP, Spain
PWR, 2 x 1040 MWe
Westinghouse

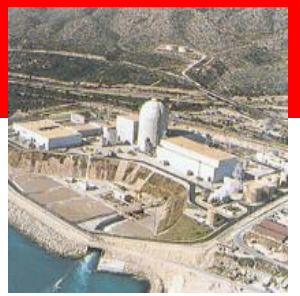


Cofrentes NPP, Spain
BWR, 6, Mark III, 1100 Mwe
GEH

Trillo NPP, Spain
PWR, 1066 MWe
Framatone (Siemens-KWU)

Garoña NPP, Spain
BWR, 3 Mark I, 466 MWe
GEH

Ascó
PWR, 2 x 1030 MWe
Westinghouse



Vandellós 2
PWR, 1080 MWe
Westinghouse

KRŠKO NPP (NEK, Slovenia)
PWR, 730 MWe
Westinghouse

Laguna Verde 1&2 NPP, México, BWR-5, Mark II, 2x805 Mwe) GEH

Geographic Footprint:

- Spain
- Central and Eastern Europe
- Latin America

Services Provided:

- Engineering & design modifications
- Plant design modifications
- Plant updates to new regulations
- Modernization projects
- Power uprating
- Plant life extension
- Configuration management
- O&M support services
- Preventive, corrective & predictive maintenance supervision and technical support. RCM.
- Warehousing, procurement & spare parts engineering
- Refueling outage support
- Scheduling and coordination
- Radiation Protection services

Added Value:

- **Safety*:** Safety functions, Avoiding risks to staff, public and the environment
- Annual Collective Dose PWRs: about 290 mSvp, including refueling outage
- Accidents with leave: <2 by year by unit

- **Operation*:** Plant availability and reliability, Life Cycle Management, Optimization of resources, processes, materials and parts
- Load factor: 90.1%
- Time availability factor: 89,5%
- Planned shutdowns: 5
- Unplanned Shutdowns: 1 per reactor

- **Economic*:** Cost Savings, Assets Preservation, Reliability and Profitability
- Net total generation Spain: **266.807** Gwh
- Net nuclear generation: **54.276** Gwh
- Share of Spanish total electricity production: 20,3%

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Decommissioning, Spent Fuel & Radwaste Management

Spain, CIEMAT Nuclear Research Centre (Madrid)

Decommissioning Research Reactor (PIMIC Project)

Bulgaria
Kozloduy NPP Units 1-4, VVER

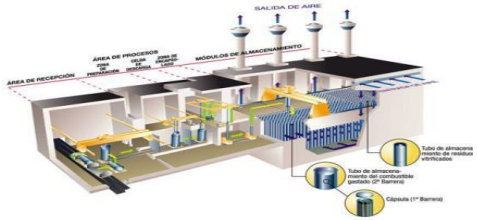
Decommissioning & RW Project Management

Ispra, Italy
EC JRC

Decommissioning & Waste Mgt Pgm
Eng Support Services

Chernobyl, Ukraine

Radioactive Waste Treatment & Disposal
Vektor Industrial Complex, Chernobyl



Spain, Spent Fuel Centralized Storage Facility

Complete engineering & design

Services & References:

- Decommissioning Engineering
- Project Management
- Supervision of Decommissioning Execution
- Radioactive Waste Treatment and Disposal
- Interim Storage Facility
- Centralized Spent Fuel

Spain, J. Cabrera NPP, PWR, Westinghouse Complete decommissioning

Decommissioning engineering Supervision of decommissioning execution

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Thermal Power Projects

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Thermal Power Generation Technologies

YANBU, Saudi Arabia

Coal/Fuel-Oil–Fired Power Plants:
34 Units - 11,300 MW

IERNUT, Romania

Combined and Open–Cycle Power Plants:
62 Units - 29,049 MW

SINES, Portugal

CHP (Cogeneration):
26 Units - 1,530 MW

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Renewable Power Projects

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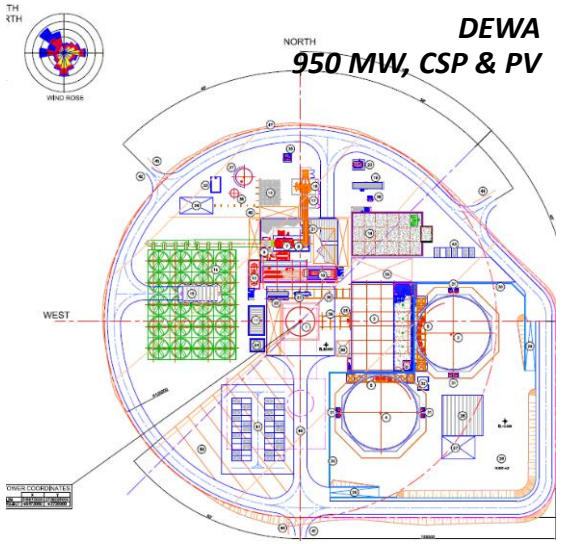
Renewable Power Generation Technologies



Solar CSP:
14 Units - 1,540 MW

Biomass, Waste to Energy:
33 Units - 630 MW

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Renewable Power Generation Technologies

Wind Power Plants (development, basic & detail):
91 Units - 4,800 MW

Solar PV & BESS (development, basic & detail):
118 Units - 10,300 MW

Hydroelectric Power Plants:
37 Units - 1,138 MW

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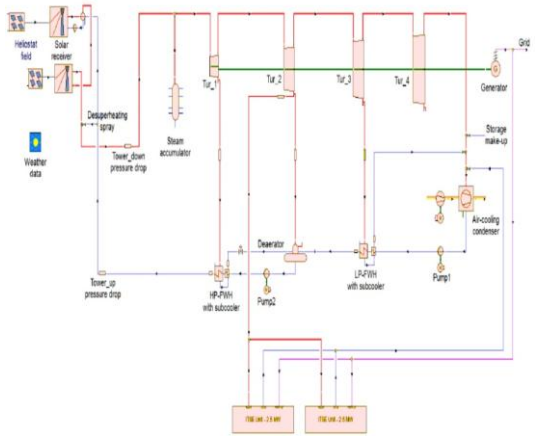
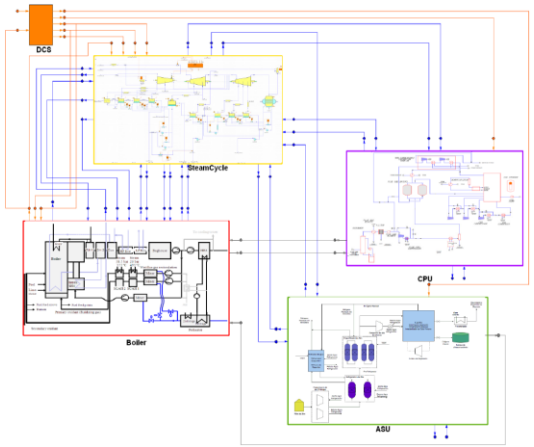
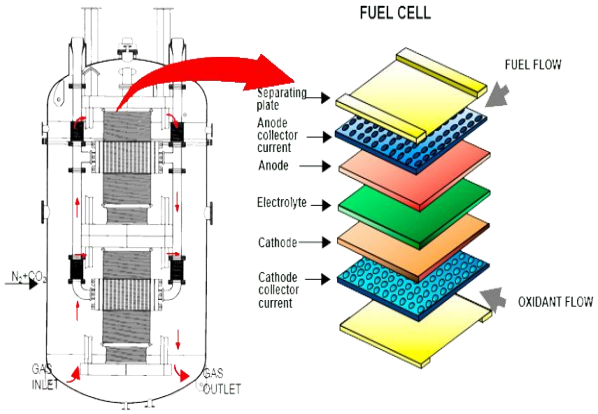
Energy Transition







IFCH JU

Advanced electrolyzer for H2 production with renewable energy resources

OXY-CFB 300 PROJECT
ENDESA GENERATION

(IGCC) ELCOGAS
Integrated Gasification / Combined Cycle

Pilot plant for CO_2 capture and H_2 production 14 MWt

EU THERMIE PROJECT
IBERDROLA

1 MWe MCFC Demonstration Plant

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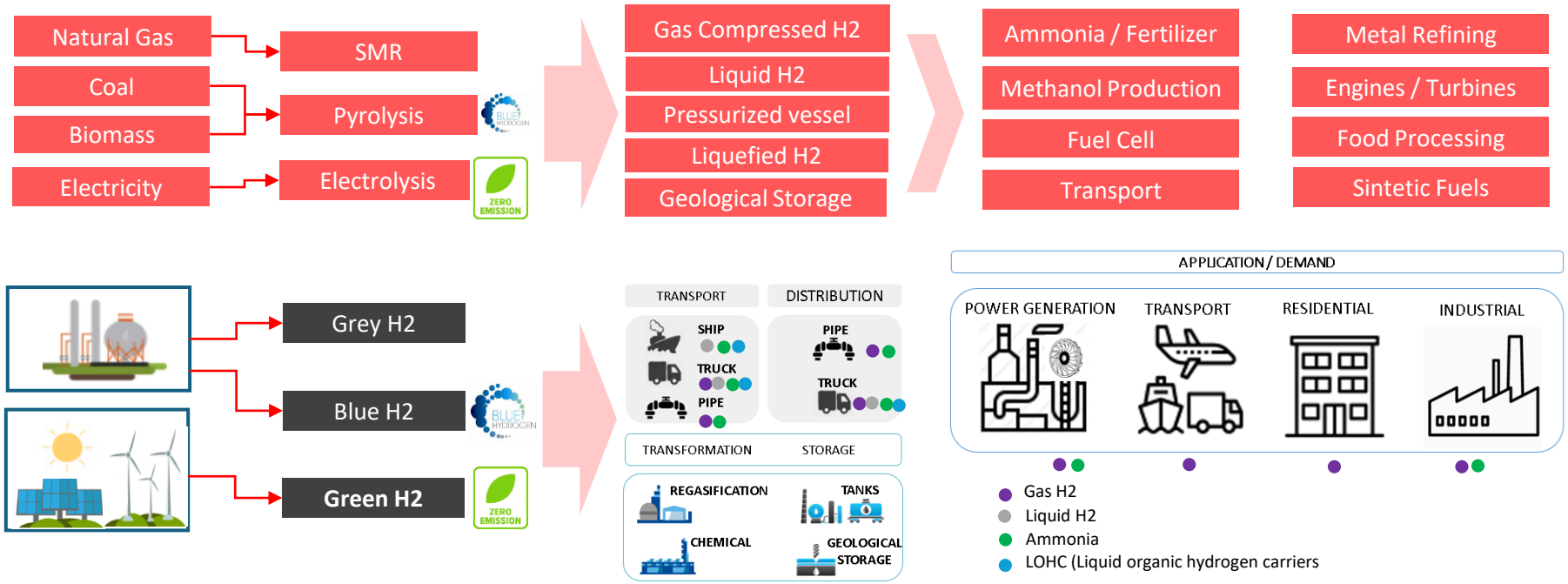
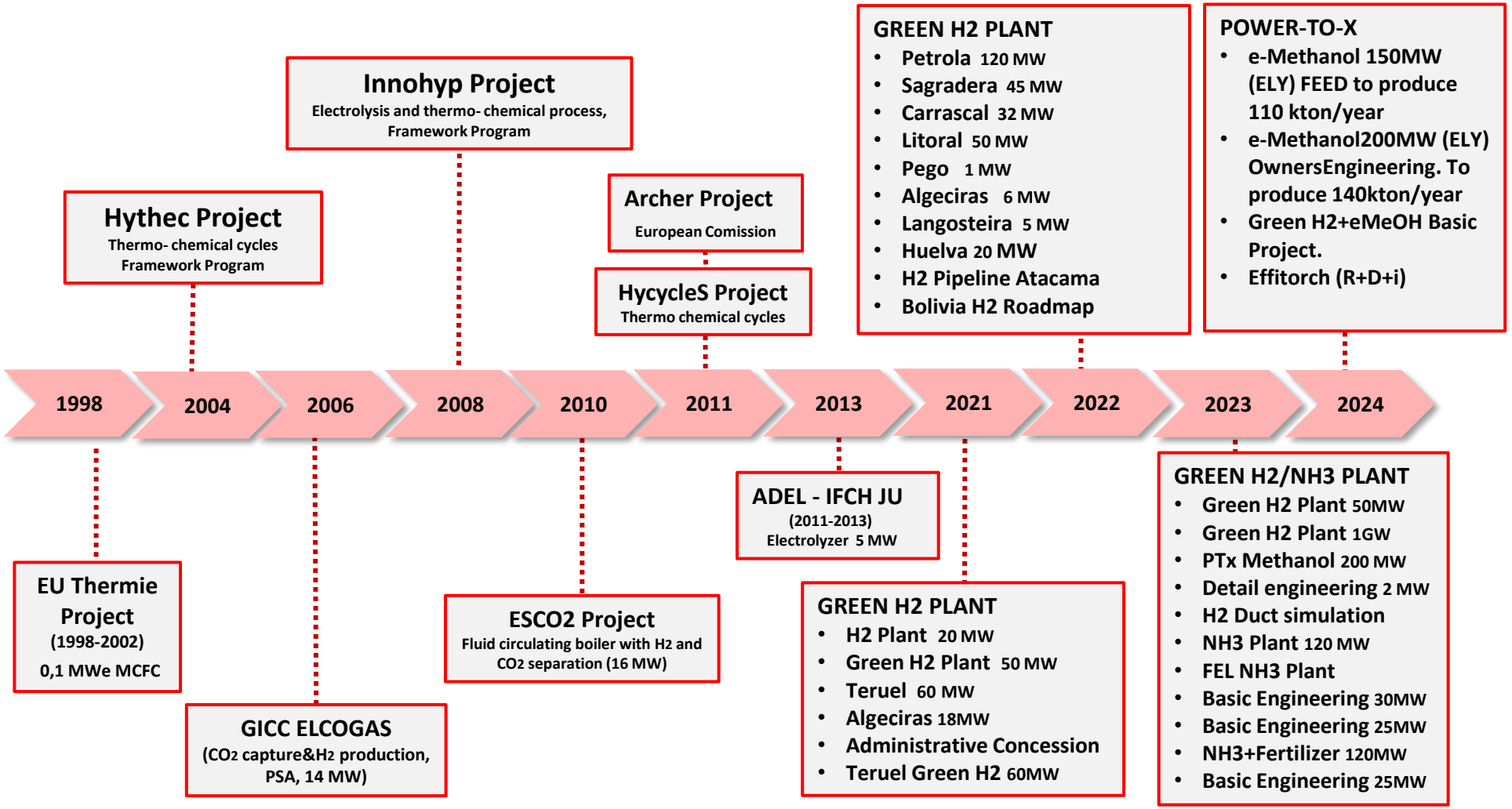
Engineering Capabilities in PTX Projects

	CONSULTANCY SERVICES		ENGINEERING CAPABILITIES	
HARD/SOFT SERVICES	**CAPEX & OPEX Ass.**	H2 Regulation	Natural Gas & H2 Blending dynamic simulation	**Integration Power Plant**
	H2 Roadmap	Contract & Project Mgt.	**Feasibility, Basic, FEED and Detail Engineering**	**H2 Fuel Station Engineering**
	Tech. Assessment	**Financial Model**	H2 Piping & Tank Stress Analysis	Engineering for Turbine Conversion
	Market Evaluation	**Electrolizer state-of-art**	**Owner's engineering**	Technical specification for EPC
				Industrial Decarbonization



PTX References

+3GW H_2 Projects. +60 Projects Power-To-X



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PTX References

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PTX References

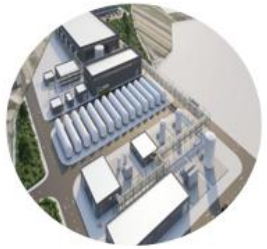
FEL1, FEL2 Engineering & Consultancy Services

Green H2 Plant (2021)

- Technical support to define the project and installation
- Basic and Execution Project
- **50 MW**

ALGECIRAS & ANDORRA H2 Plant (2021)

- Andorra: **60MW**
- Algeciras: **5MW**
- Technology assessment.
- Industrial & Mobility
- CAPEX / OPEX Study



Green H2 Plant (2021)

- H2/NG blending for Injection into gas turbine.
- CAPEX/OPEX Study

LANGOSTEIRA (2022)

- Basic Engineering for **1MW** of production, storage and **refueling** of green H2 in the Port of A Coruña

ATACAMA H2 Pipeline (2022)

- Engineering study for the **conversion** of the Atacama (941km) and Taltal (226km) gas pipelines.
- Engineering of 4 **compressor station**

Petrola, Sagradera & Carrascal H2 Plant (2021)

- Basic Project: PV + H2
- Petrola: **120 MW**
- Sagradera: **45 MW**
- Carrascal: **32 MW**
- CAPEX/OPEX Studay

Green H2 Plant (2022)

- Conceptual engineering & Basic Design
- **50 MW**
- CAPEX/OPEX study

Green H2 Plant (2021)

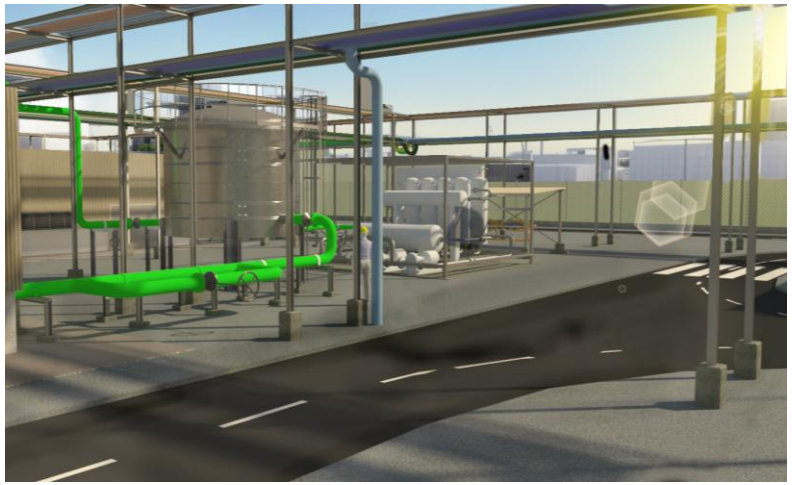
- Conceptual engineering & Basic Design
- **0,5 MW** Electrolizer

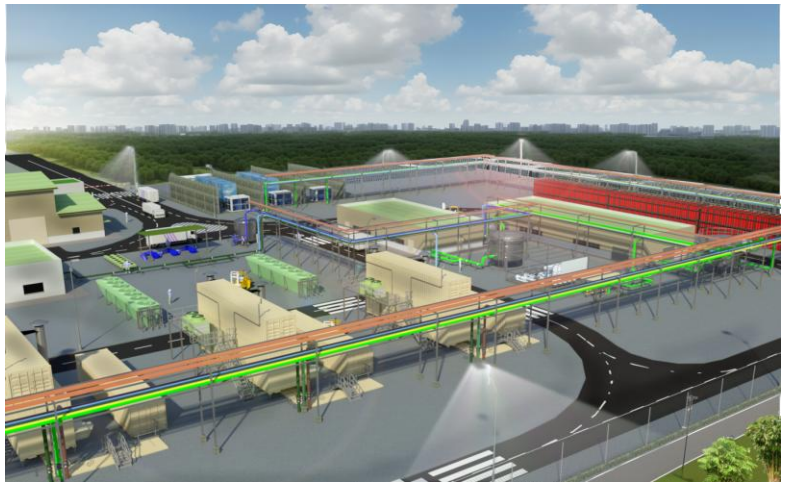
Green H2 Plant (2022)

- Conceptual engineering & Basic Design
- **40 MW**
- CAPEX/OPEX Study

EPC / O&M Contract assessment

PTX References





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PTX References

Flagship Basic & Detail Engineering

Green H2 Plant
(2023)

- Basic engineering
- **200 MW** Electrolizer
- H2 Plant Design
- **C02** Capture
- End use: **Methanol**

Green H2 Plant 1 GW
(2023)

- Basic Project
- 3 Phases: **200MW + 400MW + 400MW**
- H2 Plant design
- H2 Pipeline

Green H2 Plant
(2023)

- Basic Engineering
- **25 MW**
- H2 Plant design
- H2 Pipeline
- PV Integration

Detail engineering
2MW H2 Plant (2023)

- Sines (Portugal)
- **Detail engineering**
- H2 Use: Refinery
- Construction phase

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PTX References

*The Villeta **Ammonia plant + CAN+ Fertilizer Plant***

- Will be the largest green **H2** and A**mmonia** plant in Latin America
- Villeta, Paraguay in Latin America
- Capacity of 120 MW
- Renewable energy from the Itaipu hydroelectric power plant
- Will produce 250.000 tons/year of CAN (Calcium Ammonium Nitrate)

atome

urbas CASALE

Completed in **2023**
Operational in **2025**

- **FEED scope**
- H2 Plant design (Ammonia + Calcium Ammonium nitrate + Fertilizer)
- **BOP integration**

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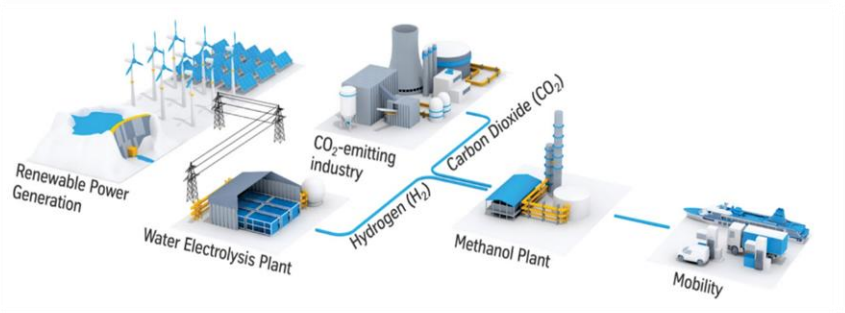
PTX References

FEED engineering e-Methanol production plant

- Will be use CO_2 (from CCUS Biomass) for e-methanol
- Spain
- Electrolyzer capacity of 150 MW
- Renewable electricity. PV and wind.
- Will produce 110.000 tons/year of e-methanol

alkeymia



FEED Completed in **2024**
COD in **2027**

- **FEED scope**
- H_2 Plant design + e-Methanol plant
- **BOP integration + CAPEX estimation (OSBL&ISBL)**

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PTX References

Owner's engineering-Green H_2 + Methanol production plant + Biomass + CCS

- Will be use CO_2 (from CCUS Biomass) for e-methanol
- Spain
- Electrolyzer capacity of 200 MW
- Renewable electricity..
- Will produce 140.000 tons/year of e-methanol

REOLUM

FEED Completed in **2025**
COD in **2027**

- **Owner's engineering scope**
- Biomass+CCS+H_2 Plant design+e-Methanol plant
- **FEED CO_2 and H_2&eMeOH.**
- **Plant optimization for all technologies**

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Non-Power Sector

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Infrastructures

Master Planning

Tertiary Sector

(Offices, Industrial,
Commercial, Retail, etc.)

Community Facilities

(Leisure, Cultural,
Healthcare, Sports, etc.)

Transport

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Iconic Infrastructures Projects Worldwide – Healthcare Sector

Rey Juan Carlos Hospital, Madrid, Spain

HAHC Hospitals, Kuwait

Son Dureta Hospital, Mallorca, Spain

Physical Therapy and Rehabilitation Building, Kuwait

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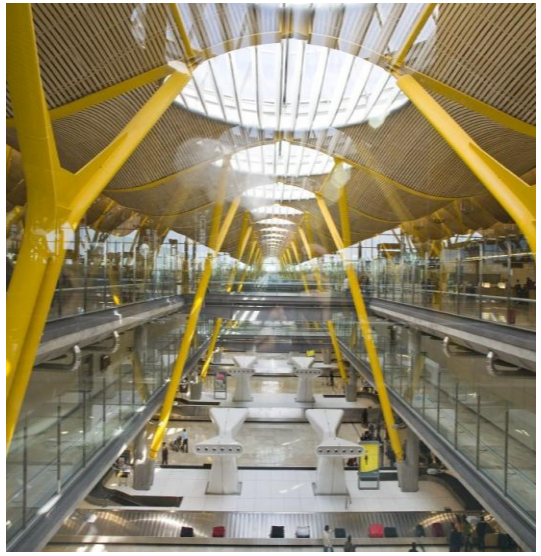
Worldwide Infrastructure Iconic Projects – Transport Sector



Cabo Rojo Airport,
Dominican Republic

Valencia North Station,
Spain

Spanish Airports:
Madrid Airport, Terminal 4
Barcelona Airport
Murcia Airport
Lanzarote Airport
Málaga Airport
Alicante Airport

Chinchero-Cusco International Airport,
Peru

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Singular Infrastructure Projects

Spotify Camp Nou Stadium Renovation, Spain

Aristide Le Dantec Hospital, Dakar

Data Center, Kuwait

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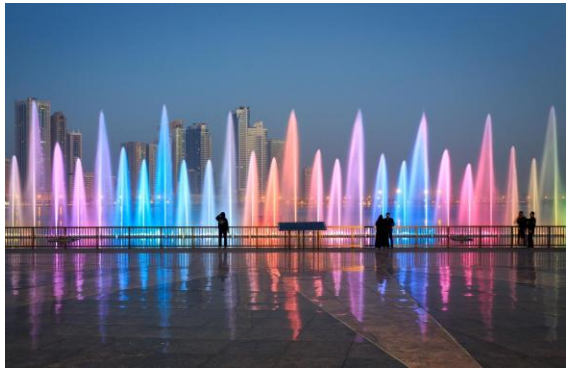
State-of-the-art Water Features

Khor Fakkan, UAE



Al Majaz Multimedia Floating Fountain
Sharjah, UAE

Black Sea Arena, Georgia

Cafalandia Melgar, Colombia

El Faro Mall, Spain

Parque dos Poetas Oeiras, Portugal

Arganda del Rey Rock in Rio, Spain

Iconsiam, Thailand

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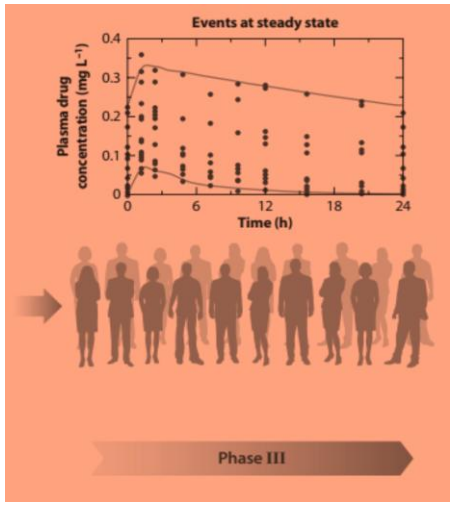
Simulation Capabilities

EcosimPro
Modelling and Simulation Software

EAG Modelling and simulation tool for transient analysis and process optimization







Space

Space Systems
Space Propulsion

Aeronautics

Aeronautical Systems
Aircraft Propulsion

Power Generation, Water & Process

Power Generation
Renewable
Water & Process
Electrical Systems

Clean Energy

Energy Efficiency
Smart Grids

Biosimulation

PB/PK/PBPK models

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Some of the most relevant clients of EAG


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