

COMPANY PROFILE

JGC Philippines, Inc.

Enhancing **planetary health**

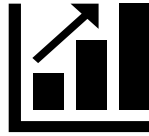
March 2024

Company Profile: JGC Group



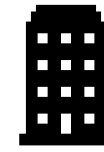
Established

1928



Net Sales

4.5 Billion USD
(FY 2022, ending March 2023)



Main Business

- ✓ EPC business
- ✓ Functional Materials Manufacturing



Number of Employees

9,100
(EPC Business Only)



Energy Transition



Healthcare/Life Science

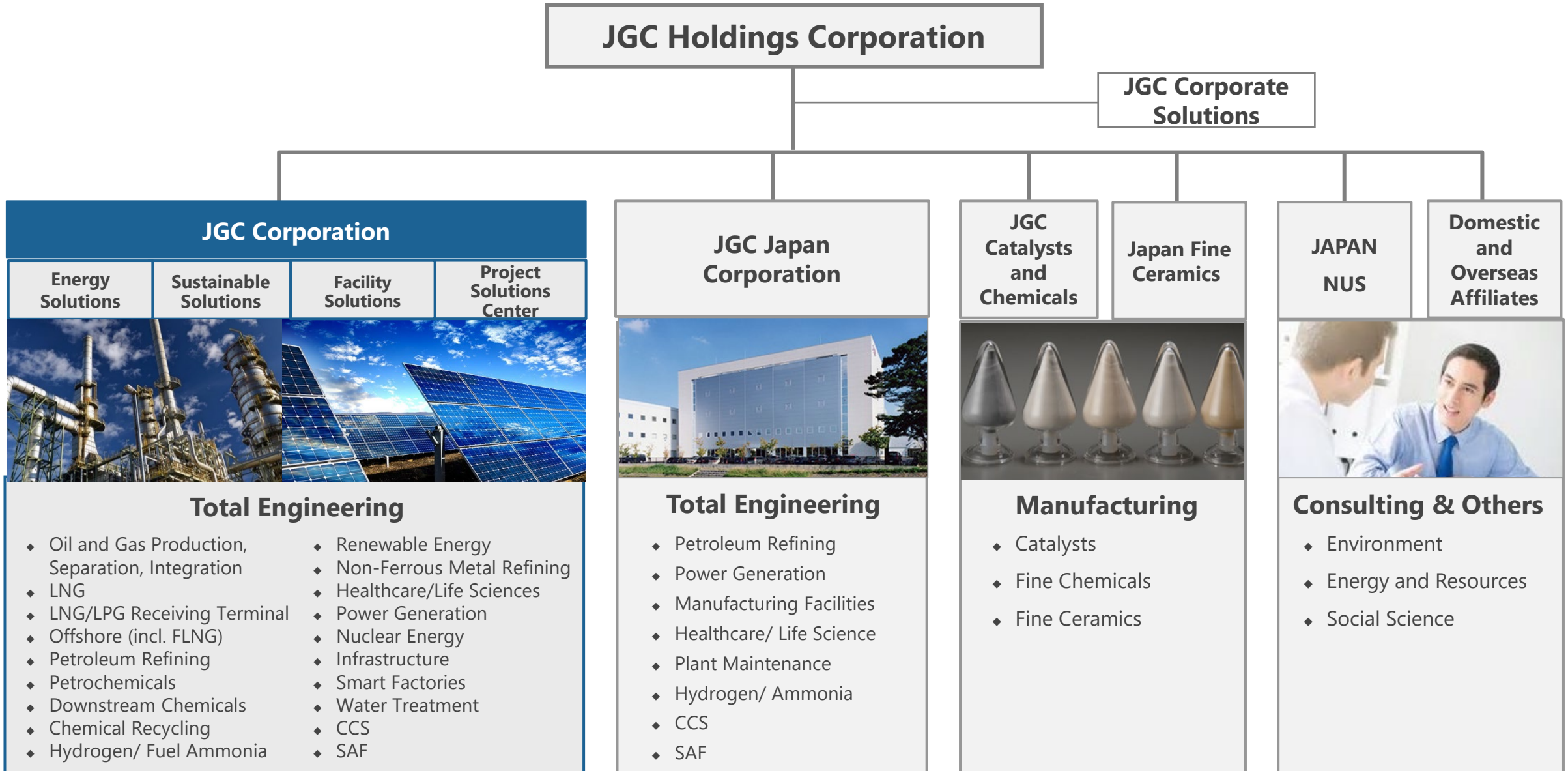


Industrial/Urban Infrastructure



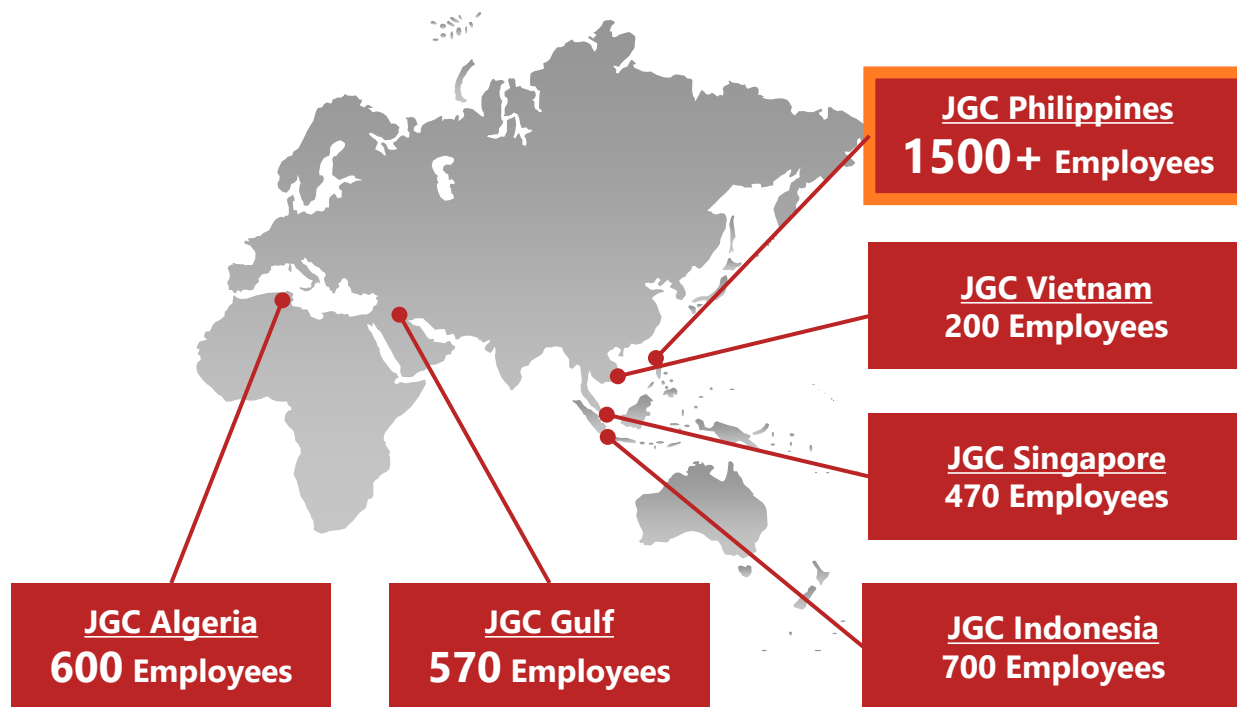
Resource Recycling

JGC Group Structure

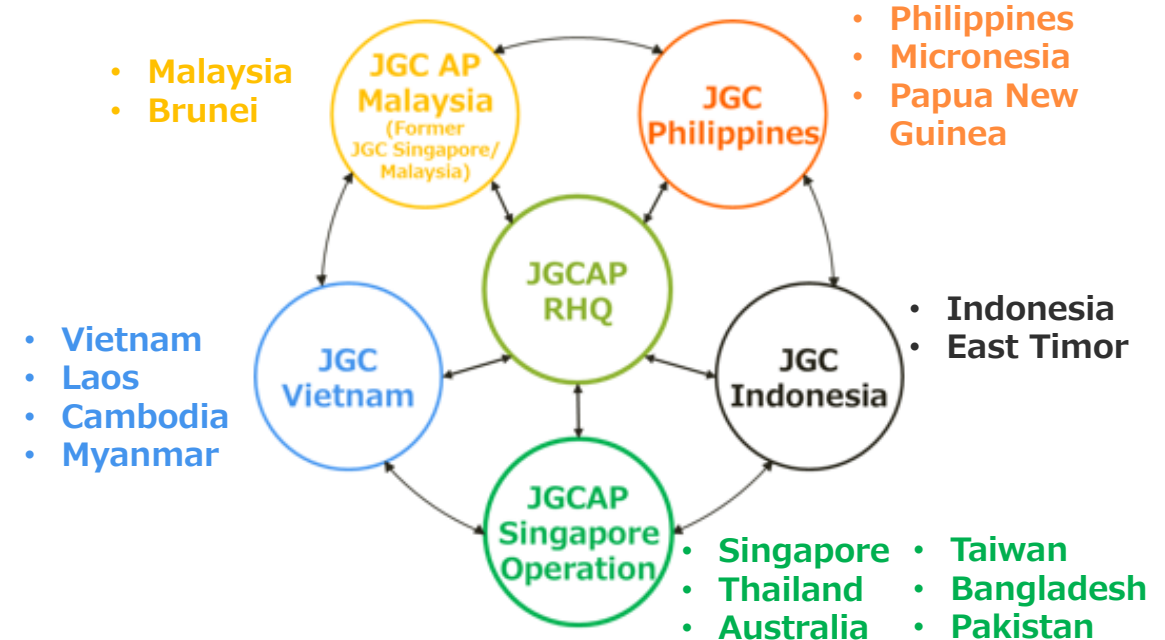


JGC Group: Worldwide Resources, Regional Execution

Regional Execution: JGC Group ensures global leading **engineering** and **project management capabilities** combined with **local cost competitiveness**.



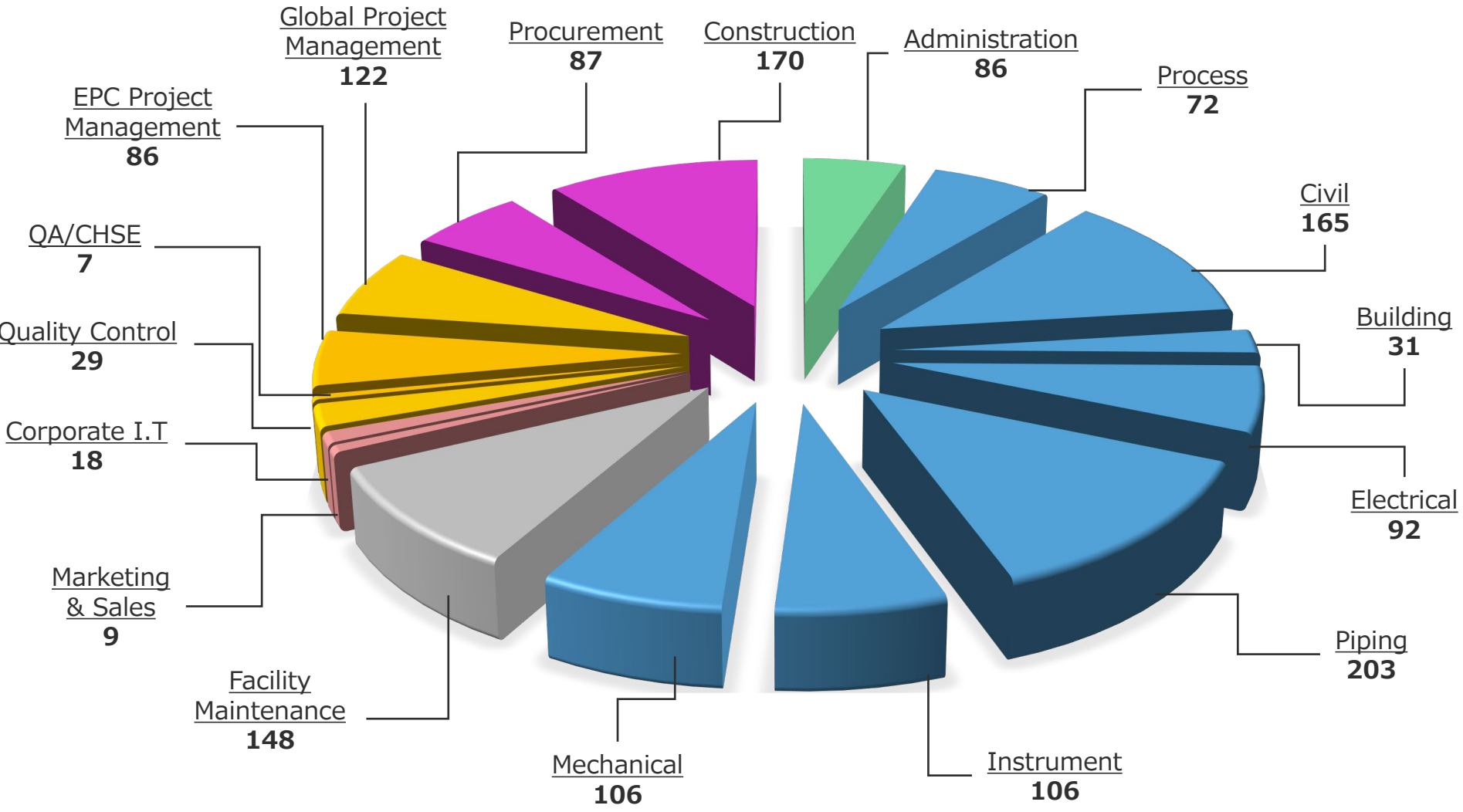
Integrated Group Operation



JGC Asia Pacific has been established in Singapore as a regional headquarter of Asia since Jan 2022. Achieve efficient business expansion through integrated group operation.

- Established in 1989
- 100% Owned by JGC Holdings Corporation
- Capital Stock: PHP 1.3 Billion (USD 26 Million)
- Manpower: 1,900+
- PEZA Registered (Philippine Economic Zone Authority)
- Licensed by PCAB (Philippine Contractors Accreditation Board) with highest **AAAA** Category
- Registered with AFAB (Authority of the Freeport Area of Bataan)
- One of the Biggest Engineering, Procurement and Construction (EPC) Company in the Philippines for Industrial Facilities





As of 29 February 2024

Engineering:	775
Procurement & Construction:	257
Project Mgt.:	244
Maintenance:	148
Administration:	86
Others:	27
Total Corporate Manpower:	1,537

Power + Energy



Fuels + Minerals



Water + Specialty Facility



ISO 9001 : 2015 Quality Management

ISO 14001 : 2015 Environmental Management

ISO 45001 : 2018 Occupational Health and Safety Management

ISO 27001 : 2013 Information Security Management

Bureau Veritas Certification



JGC CORPORATION

Bureau Veritas Certification Holding SAS - UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

ISO 9001:2015

Scope of certification

The following site is part of the Management System of the above organisation:

JGC PHILIPPINES, INC.

JGC BLDG, 2109 PRIME ST. MADRIGAL BUSINESS PARK, AYALA ALABANG, MUNTINLUPA CITY, PHILIPPINES

PROJECT MANAGEMENT (DESIGN AND ENGINEERING, PROCUREMENT, CONSTRUCTION, AND COMMISSIONING) AND OPERATION & MAINTENANCE.



Certificate No.: JP024224-005 Version: 3 Issue date: 22-11-2023

The validity of this certificate depends on the validity of the main certificate, which expires on: 30-11-2026




Signed on behalf of BVCH SAS UK Branch
 Certification Body Address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom
 Local Office: Bureau Veritas Japan Co., Ltd. Certification Division
 KRC Bldg. 8F, 18 Nihon-odori, Naka-ku, Yokohama, Japan 231-0021

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: 045-031-4784

UKAS Certificate Template Multi Site Rev.4.1 1/1 28 Aug 2023



Bureau Veritas Certification



JGC CORPORATION

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ISO 14001:2015

Scope of certification

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JGC BLDG, 2109 PRIME ST. MADRIGAL BUSINESS PARK, AYALA ALABANG, MUNTINLUPA CITY, PHILIPPINES

PROJECT MANAGEMENT (DESIGN AND ENGINEERING, PROCUREMENT, CONSTRUCTION, AND COMMISSIONING) AND OPERATION & MAINTENANCE.



Certificate No.: JP024251-005 Version: 2 Issue date: 04-12-2023

The validity of this certificate depends on the validity of the main certificate, which expires on: 14-12-2024




Signed on behalf of BVCH SAS UK Branch
 Certification Body Address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom
 Local Office: Bureau Veritas Japan Co., Ltd. Certification Division
 KRC Bldg. 8F, 18 Nihon-odori, Naka-ku, Yokohama, Japan 231-0021

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: 045-031-4784

UKAS Certificate Template Multi Site Rev.4.1 1/1 28 Aug 2023



Bureau Veritas Certification



JGC CORPORATION

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ISO 45001:2018

Scope of certification

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JGC PHILIPPINES, INC.

JGC BLDG, 2109 PRIME ST. MADRIGAL BUSINESS PARK, AYALA ALABANG, MUNTINLUPA CITY, PHILIPPINES

PROJECT MANAGEMENT (DESIGN AND ENGINEERING, PROCUREMENT, CONSTRUCTION, AND COMMISSIONING) AND OPERATION & MAINTENANCE.



Certificate No.: JP024252-005 Version: 2 Issue date: 04-12-2023

The validity of this certificate depends on the validity of the main certificate, which expires on: 30-01-2026




Signed on behalf of BVCH SAS UK Branch
 Certification Body Address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom
 Local Office: Bureau Veritas Japan Co., Ltd. Certification Division
 KRC Bldg. 8F, 18 Nihon-odori, Naka-ku, Yokohama, Japan 231-0021

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UKAS Certificate Template Multi Site Rev.4.1 1/1 28 Aug 2023





Certificate PH100592

The management system of
JGC PHILIPPINES, INC.

2109 Prime St, Madrigal Business Park, Ayala Alabang, Muntinlupa City, Philippines
 has been assessed and certified as meeting the requirements of
ISO/IEC 27001:2013

For the following activities
 The Information Security Management System as applied to the Project Management, Design and Engineering, Procurement, Construction Management, Commissioning and Operation and Maintenance at its main office. This is in accordance with the Statement of Applicability JPS-01-0203 Rev. 10 as of February 15, 2022.

This certificate is valid from 13 December 2022 until 31 October 2025 and remains valid subject to satisfactory surveillance audits.
 Issue 6. Certified since 09 December 2010
 Last certificate expiry date 08 December 2022
 Recertification audit date 18 August 2022



Authorised by
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 Global Head - Certification Devices
 SGS United Kingdom Ltd
 Rosemore Business Park, Clarendon Park, Chester, CH5 2EN, UK
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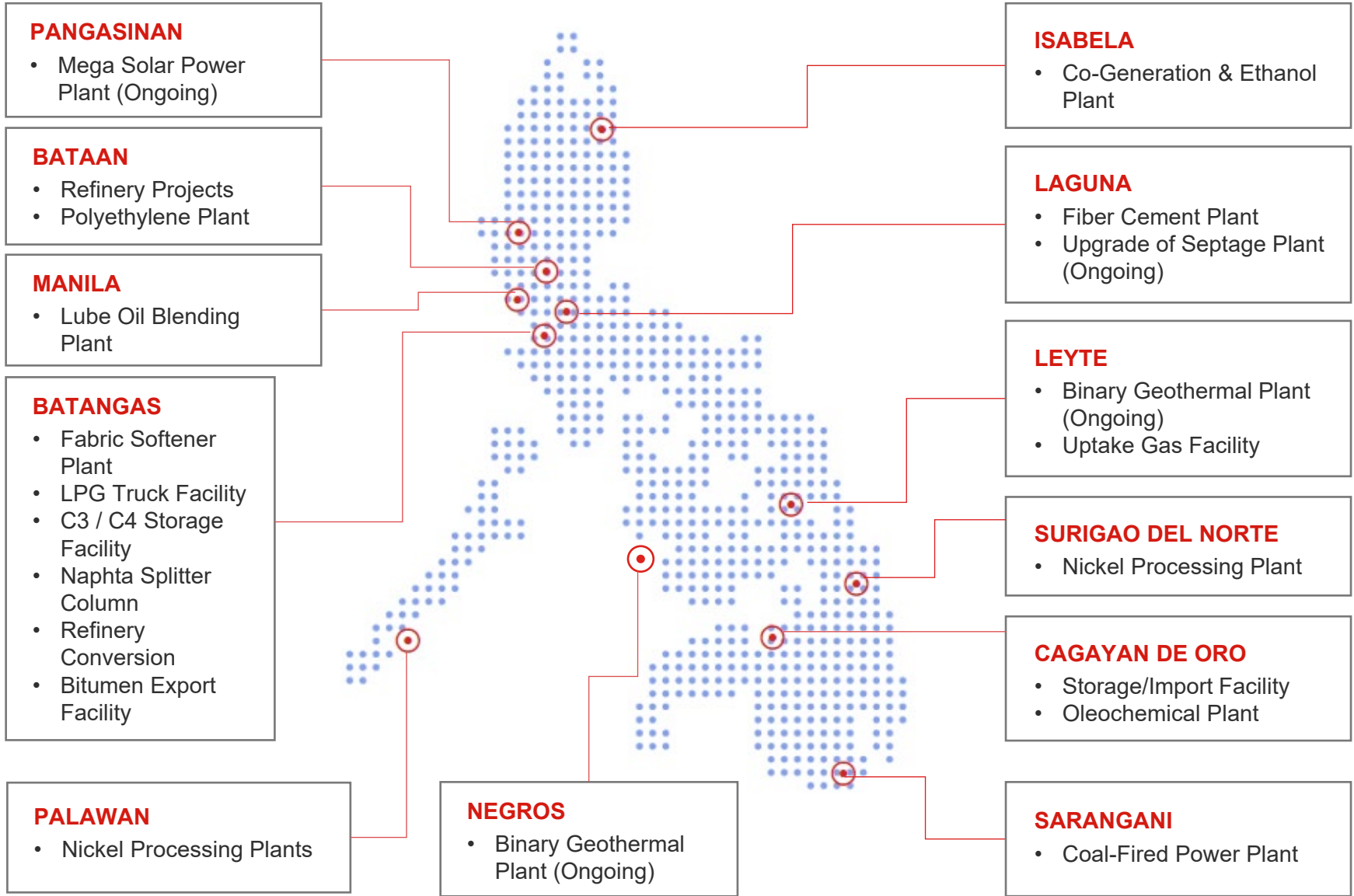
**Manhours without Lost Time Accident (LTA)
as of 29 February 2024**

73.6 Million



**DOLE Special Safety Award and
Hall of Famer
Longest Safety Record**





Cayanga Bugallon Mega solar Project (Ongoing)



Mahanagdong Geothermal Project (Ongoing)



Sarangani Coal Fired Power Plant Project (2019)

Introduction of Capabilities in Power

Enhancing **planetary health**

Power Facility – What JGC can propose

JGC supports FS/EPC/O&M for Power facility

- Process configuration and technology selection covering Conventional (LNG Receiving / CCGT) and Renewable (Biomass, Solar)
- Optimization of combined heat and power systems that can cope with various operation patterns (including batch operation) according to customer needs



Reference Project: Solar Power Project (Philippines)

- **Owner:** Aboitiz Power
- **Location:** Cayanga, Bugallon, Pangasinan
- **Capacity:** 94-MWp
- **Scope:** EPC
- **COD :** 2023

Remarks:

- **Challenging** site location in a **mountainous** location
- JGC provides **competitive offer** without compromising quality and safety



Project Pictures (PV area)



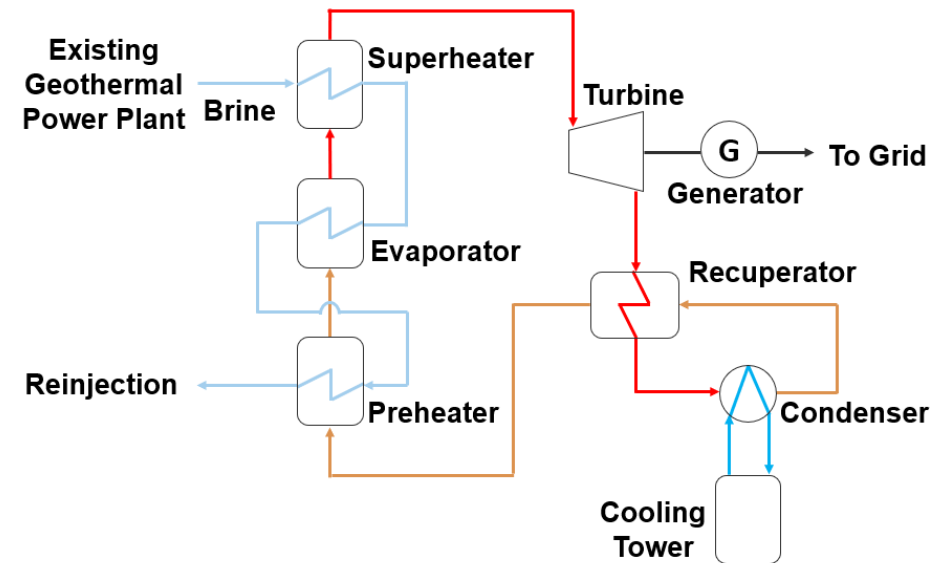
Geothermal Power Plant Project (Philippines)

- **Owner:** Energy Development Corporation
- **Location:** Ormoc, Leyte
- **Capacity:** 28MW
- **Scope:** EPC
- **COD :** Not disclosed










Remarks:

- JGC Corporation provided **JCM subsidy** grant support as Japanese Partner
- **100% Renewable RE**, project is expected to result in GHG Emission Reductions of over **76000 tCO2-eq./year**



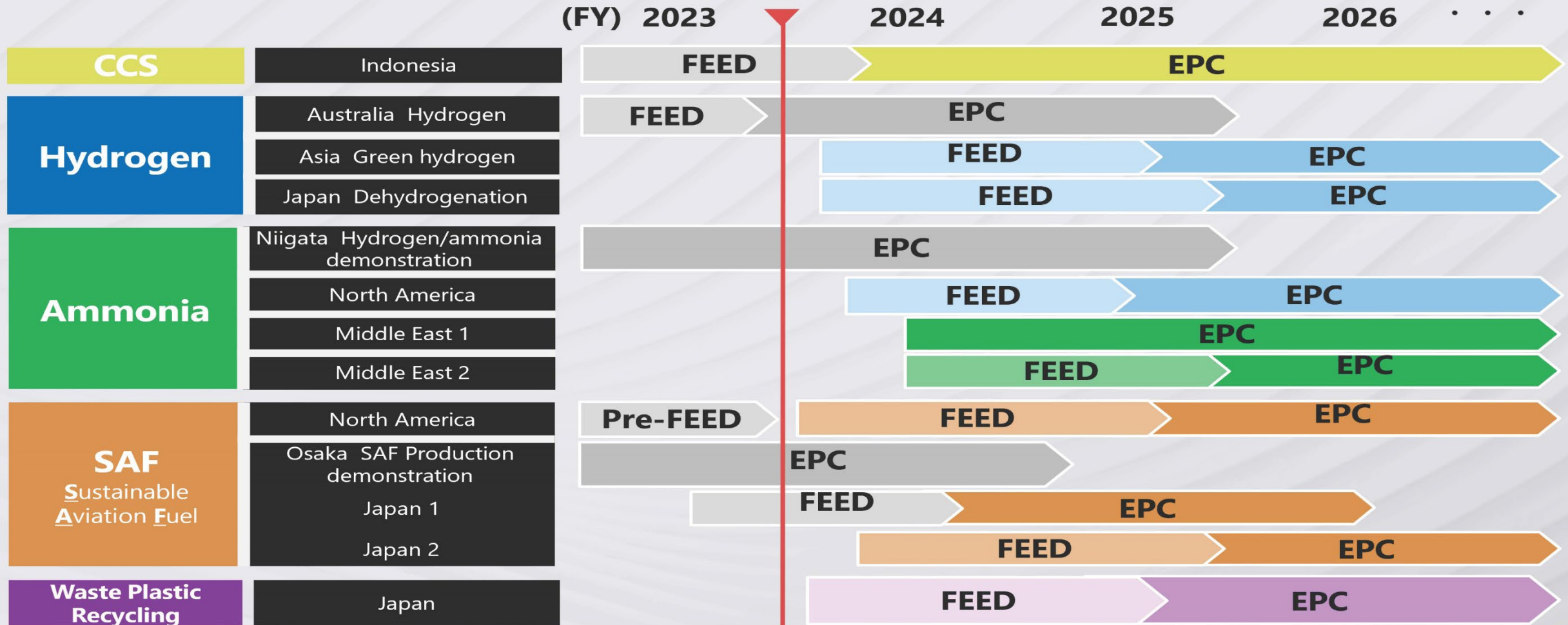
Sustainable Solutions Sales Menu

	Bio	Recycling	CCS/CCUS	Hydrogen Hydrogen Carrier	e-fuel	Nuclear Power
Business Domain	 Bio-chemical SAF (ATJ)	 Plastic Waste Chemical Recycling SAF (HEFA) Biomass LNG	 Carbon Capture (Pre/Post-combustion) Carbon Utilization CCS Hub MRV	 Green/Blue Ammonia Green/Blue Hydrogen Coal Gasification LOHC(MCH) Liquefied Hydrogen Methanol	 SAF (e-SAF) e-methane e-methanol e-Gasoline e-diesel , etc.	 SMR Plant (Small Modular Reactor) Fusion Power Nuclear Hydrogen
JGC Own Technology * Under development	> Bio-chemical <u>ETB Process*</u> (Ethanol to Butadiene) <u>2G Bio Ethanol*</u>	> Plastic Waste Chemical Recycling <u>Gasification</u> <u>Polyester</u> <u>Pyrolysis*</u>	> Carbon Capture (Pre-combustion) <u>DDR*</u> <u>HiPACT®</u> > Carbon Utilization <u>Mineral Carbonation*</u>	> Blue Ammonia <u>SMR + HiPACT®</u> (Steam Methane Reforming) > Green Ammonia <u>GAPAO™, Integrated Control System</u> > Green/Blue Hydrogen <u>Ammonia Cracking*</u>	> e-methanol to <u>DTP®</u> (Dominant to Propylene) <u>DME</u> (Dimethyl Ether)	<u>>SMR Plant</u> <u>>Fusion Power*</u>

JGC's Ongoing Projects related to Sustainability

Major projects in which JGC group is involved

Gray arrows indicate orders we have already awarded





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planetary health**