



Shapoorji Pallonji Energy Private Limited
(erstwhile Shapoorji Pallonji Oil and Gas Private Limited)

Oil and Gas Experience

SP Group is respected by its customers who have reposed their faith in Group's ever-expanding capabilities

- Over 160 years of rich legacy as an Engineering & Construction Company with unmatched quality & delivery record
- Strong Presence in India along with a Global footprint – Landmark Projects in Infra, Oil & Gas, Marine-Off-Shore & Onshore, Transportation, Power, Water & Industrial Sectors supplied in Middle East, Africa, South East Asia & Caribbean
- We follow Best Practices, Codes & Standards, in all our activities across the projects – First company in construction sector in India to be ISO 9000 certified
- We have impeccable HSE track record, and deliver Lasting Value to Stake-Holders across the value chain



Bharat Mandapam, New Delhi (India)



World's largest Solar PV Plant (1177 MW), Sweihan, Abu Dhabi (UAE)

We are leaders in our chosen lines of business

Key companies



*Onshore and Offshore Energy
Infrastructure developer*



*Reputed construction company in India and
overseas, providing services to Industrial,
Commercial and Residential sectors*



*Leading provider of construction services
to the infrastructure industry including
Marine, Transportation and Oil & gas*



*Engineering, Procurement and
Construction solutions for Minerals,
Metals and Power sectors*



*Leading real estate company in India, with
presence in residential and commercial
(including IT/ITES) segments*



*Infrastructure developer with presence in
power, roads and ports*



*Businesses spanning Engineering, Shipping
and Logistics and Automation*

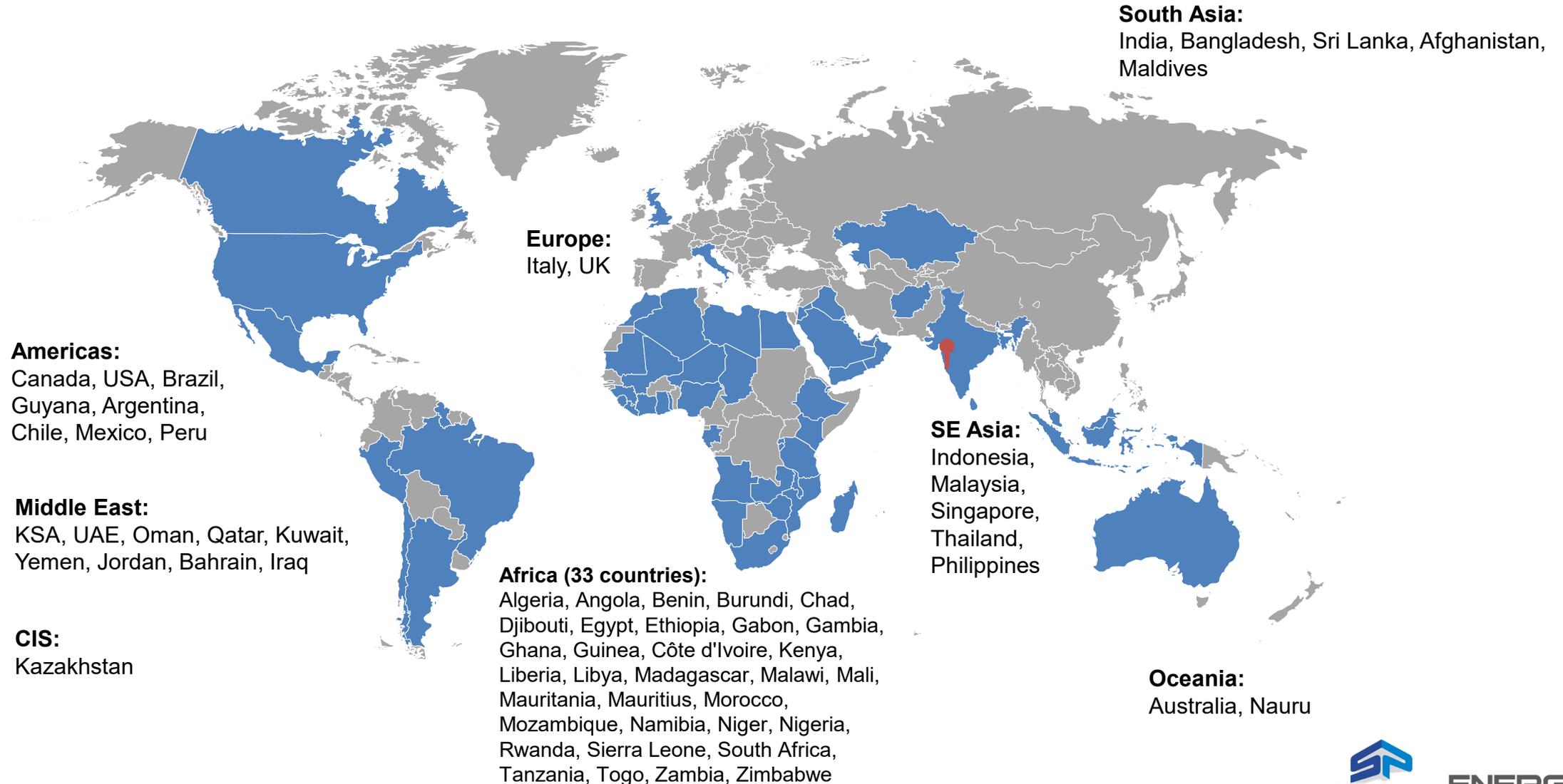


*Has several NBFC offerings including Corporate
loans, Real Estate loans / Developer financing,
vendor financing, etc.*



*Leading Mechanical Electrical and
Plumbing contractor, solar and HVAC
service provider and DG solutions
provider*

The Group has business and projects across 40+ countries; more than 35,000 employees across the globe



SP Group – Marquee projects

Chenab Rail Bridge – Tallest Bridge in the world



Vembanad Bridge – Longest Rail Bridge in India



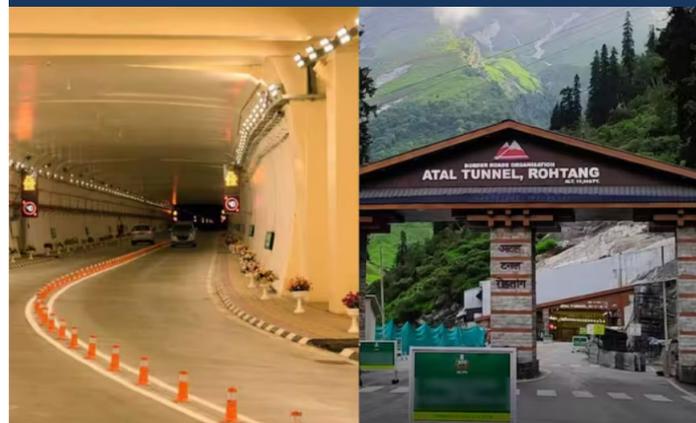
World's Largest Solar Powerplant in Abu Dhabi



Longest Material Handling Plant in India, SAIL Rourkela



Rohtang Pass - Longest road tunnel above 13,000 ft



Palace of the Sultan Of Oman



SP Energy – At a Glance...

- Shapoorji Pallonji Energy (“SP Energy”) was set up in 2010 to focus on SP Group’s interest in EPCI, leasing and Operations & Maintenance of Oil and Gas Floaters
- With its in-house Floater design, engineering, project management and O&M teams, SP Energy has led the development of four FPSOs.
- Our fourth FPSO, a VLCC conversion FPSO built for cyclonic conditions, installed at KG-DWN-98/2 Field; it achieved First Oil on 07 January 2024 and commenced production.
- Our unwavering dedication to providing exceptional services has helped us achieve exceptional safety record and ~100% uptime on our FPSOs
- Through its affiliates, SP Energy also has experience of executing Onshore LNG Terminals, Fixed Production Platforms and Well Head Platforms



FPSO Armada Sterling V



ICPR Process Platform, India



Design and Engineering of
Oil & Gas Facilities



EPCIC of Floaters and
Fixed Platforms



Operation & Maintenance
of Oil & Gas Facilities

SP Energy Engineered Floaters

	Armada Sterling	Armada Sterling II	Karapan Armada Sterling III	Armada Sterling V
 Project				
 Contract Type	Bareboat and O&M Contract	Bareboat and O&M Contract	EPC Contract	Bareboat and O&M Contract
 Location	D1, NBP Field, Offshore Mumbai, India	C7, NBP Field, Offshore Mumbai, India	Madura field, Indonesia	KG-DWN-98/2 Eastern Offshore, India
 Contract Award Date	August 11, 2011	February 16, 2013	August 08, 2014	July 05, 2019
 First Oil	April 2013	February 2015	July 2017	07 January 2024
 Tenure	Firm up to 2030 + 5 annual Extensions	Firm up to 2028 + 3 annual extensions	NA	9 years (firm) + 7 annual extensions
 Capacity	Production: 60,000 BOPD Gas Processing: 7 MMSCFD	Production: 30,000 BOPD Gas Processing: 63.5 MMSCFD	Production: 11,000 BOPD Gas Processing: 122 MMSCFD	Production: 51,254 BOPD Gas Processing: 2.96 MMSCMD /105 MMSCFD

Sterling Streamline: Standardised FPSO Hull Framework



Sterling Streamline (3D Model)

Design Specifications:

- Oil Processing Capacity: up to 250,000 bopd
- Storage Capacity: up to 2.2 Mn Bbls
- Topside Operating Weight: up to 65,000 MT
- Design Life: 33 years
- Riser Balcony: 60 risers and umbilicals (expandable)



Target Geographies: Brazil, Guyana, Suriname, West Africa

Design Ready to Implement:

- Concept AIP received in 2023
- FEED AIP received in 2024
- Customised Hull for smaller capacities in progress

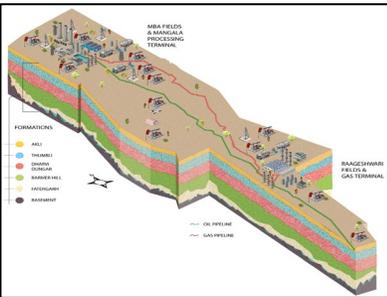
Experience in Fixed Offshore Oil & Gas Projects

	<p>ICPR Process Platform, India</p> 	<p>HRD Process Platform, India</p> 	<p>Offshore Gas Process Platforms & Living Quarters, India</p> 
<p> Project</p>			
<p> Contractor</p>	<p>JV of AFCONS and Gunanusa (Indonesia) Led by AFCONS</p>	<p>Consortium of AFCONS-Technip-THHE Led by AFCONS</p>	<p>Consortium led by AFCONS with Sapura Fabrication</p>
<p> Client</p>	<p>ONGC, India</p>	<p>ONGC, India</p>	<p>ONGC, India</p>
<p> Consultant</p>	<p>Aker, Malaysia</p>	<p>NA</p>	<p>NA</p>
<p> Scope</p>	<p>EPC (Engineering, Procurement, Fabrication, Load out, Installation Hook Up, and Commissioning of 4-legged offshore process platform</p>	<p>EPC : Engineering, Procurement, Fabrication, Load out, Installation Hook Up Testing, Commissioning of entire facilities, Bridge connected between HRC Complex and HRD, Modification at Three Existing platforms.</p>	<p>EPC : Engineering, Procurement, Installation and commissioning for KG-DWN-98/2 CPP and LQ **Currently under execution</p>

Experience in LNG Terminals

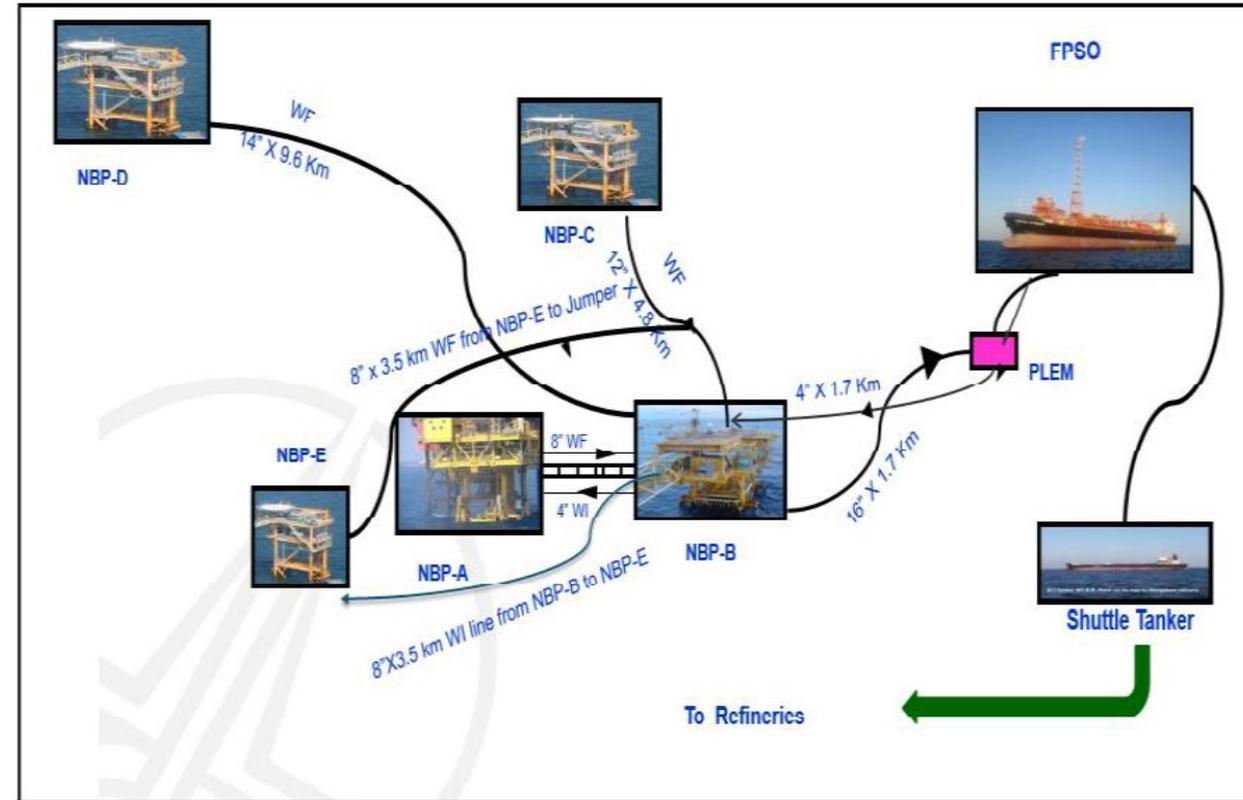
	Kochi LNG Terminal	Dahej LNG Terminal	Hazira LNG Terminal
 Project			
 Contract Type	LNG Jetty and Tanks	LNG Jetty and tanks	LNG Jetty and other works
 Location	Kochi, Kerala, India	Dahej, Gujarat, India	Hazira, Gujarat, India
 Client	Petronet LNG, India	Petronet LNG, India	Saipem
 Consultant	Whesoe Oil and Gas Ltd, UK	PROES Consultores SA	Tractebel
 Scope	LNG Jetty – EPC of LNG Offloading Jetty 155,000 KL capacity, with IHI as the main contractor	Engineering, Procurement, Construction & Commissioning of Marine Facilities For Standby Jetty, Jetty Head Structure will consist of 1 Unloading Platform, Breasting Dolphins, Mooring Dolphins, 2.5 Km long Approach Trestle	Procurement of civil, painting and insulation materials, civil & structural fabrications and erection work, installation of process equipment and facilities, piping, painting, insulation and E&I installation works

O&M of Onshore Facilities

	Raageshwari Deep Gas field	Raageshwari Gas Terminal	Bridge Plant	Mangala, Bhagyam, Aishwarya	Captive Power Plant & utilities, MPT
 Project					
 Contract Type	Integrated O&M Contract	Integrated O&M Contract	Integrated O&M Contract	Integrated O&M Contract	Integrated O&M Contract
 Location	RJON Southern Field, Barmer, Rajasthan, India	Central Basin High, Barmer, Rajasthan, India	Central Basin High, Barmer, Rajasthan, India	Northern Basin, Barmer, Rajasthan, India	Barmer, Rajasthan, India
 Contract Award Date	1 May 2021	13 April 2022	13 April 2022	27 June 2022	11 January 2025
 Operations Tenure	1 August 2021 – 31 January 2023	1 June 2022 – 31 January 2023	1 June 2022 – 31 January 2023	1 October 2022 – ongoing (5 years)	10 Feb 2025 – ongoing (1 year + option of 6 months extension)
 Capacity	Gas Producing: 135 MMSCFD 6000 BOPD condensate	Gas Processing: 60 MMSCFD	Gas Processing: 93 MMSCFD	~700 producers & injection wells with its associated ~50 well pads	Steam turbine generator, 220 KV grid substation, Water tube Boiler 115 Ton

NBP WELL-HEAD PLATFORMS (5 NOS.)

	Client	Oil and Natural Gas Corporation (ONGC), India
	Contract Type	Integrated O&M Contract
	Location	NBP field, offshore Mumbai, India
	Contract Award Date	20 July 2023
	Operations Tenure	3 years
	Water Depth	85-90 m



Experience in Other Hydrocarbons Facilities

 Project	Reliance J2 & J3	Jamnagar Refinery	CPCL Oil Jetty
 Contract Type	Export Refinery & Petrochemical Complex	Jetty & Pipeline Modification	Jetty & Pipeline Modification
 Location	Jamnagar-J2&J3, Gujarat, India	Jamnagar, Gujarat, India	Negore, Tamil Nadu, India
 Client	Reliance Industries	Reliance Industries	Chennai Petroleum Corporation Limited
 Consultant	Bechtel	Tecon	Engineers India Ltd
 Scope	Equipment Erection, Civil and Structural Works, Piping works for Diesel Blending Unit, Cryogenic Unit, Marine Tank farm, Refinery Tank Farm, CDU/ VDU, Sea Water Intake Structure & Stilling Basin, SWRO Unit & Marine tank farm process System	Fabrication and erection, testing and commissioning of Hydrocarbon pipelines, auxiliary mooring platforms, berth modifications works etc	Construction of 1100 m long jetty along with pipelines, crude pipelines, firefighting pipelines and approach road



Project FPSO Armada Sterling V was awarded **Safety Health Award Recognition Project (SHARP)** Award from Ministry of Manpower Singapore for the best performing vessel among all Singapore shipyards for the year 2021.

For the year 2022, FPSO Armada Sterling V has been conferred with the SHARP award for 2nd year in running as the best performing Project among all Singapore Shipyards.

Awards and Accolades

- Awarded with **GLOBE OF HONOR** from **British Safety Council** in October 2022, acknowledges the excellence in Environment Management and highlights our sensitivity towards the environmental concerns & management.
- Declared as **the only organization throughout the world to have achieved 5 STARS in all the 3 domains of HSE**: Occupational Health & Safety, Process Safety Management and Environmental Sustainability by the British Safety Council in 2022
- Won **International Safety Award** with “**Merit**” grade for Armada Sterling in 2022, 2021, 2020, 2019, 2018 and “**Distinction**” grade for Armada Sterling II in 2020 and 2019 for Armada Sterling II – from the British Safety Council.
- Achieved ISO/IEC 27001:2013 9001 (Information Security Management Systems); Certifications from IRCLASS in July 2020 and **ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018** Certifications from ABS Quality Evaluations in December 2020.
- Received “**SWORD OF HONOUR**” the PINNACLE award in Occupational Health Safety and Well being from British Safety Council in October 2018 and 2019 for Armada Sterling and Armada Sterling II respectively.
- ‘**Business Excellence**’ at the 4th ASEAN-India Business Awards 2019 (October) in Manila, Philippines.
- ‘**Excellent Performance Award of FPSO Contractor of the Year**’ at the 6th FPSO & FLNG & FSRU Asia Pacific Summit 2019 (October) in Shanghai.
- Received “**The Innovation in OSH - SHE Awareness Film in Corporate Award**” amid very high level of competition from all sectors of the industry from **OSH INDIA** in November 2019.



End of presentation
THANK YOU