

Greenfra Engineering Pvt. Ltd.

Celebrating 10 years of Service since 2011

Corporate Profile



www.greenfra.in

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Vision/ Mission/ Values



Vision

To become one of the world's finest & leading knowledge based engineering consultancy organizations with global presence.

Mission

Acquisition and application of knowledge, integration of diverse working experience with enhanced customer satisfaction across the globe.

Values

- Business ethics and compliance
- Customer satisfaction and loyalty
- Competence development
- Sustainable Growth
- Employee satisfaction

About Greenfra



Serving Engineering industry since 2011.
Engineering Office based in Gurgaon

Engineering Consultancy organization in the field of Design Engineering & Project Management for Power , Oil & Gas , Water and Infrastructure. sector.

Acquisition of M/s Consultants Forum (30 years of successful operation in Engg. Consultancy)

Imparting Engineering services to reputed Multinational OEM/EPC organizations, Power & Infrastructure Utilities in India.

Services Offered



- Complete Basic & Detail Engineering Services for all disciplines for Coal , Gas & Hydro Power plant & FGD Plant.
- Piping, Civil , & Structural Design Engineering for Oil Refineries, Fertilizer & Chemical Plant.
- DPR, Structural , MEP & PMC for Green Buildings, Urban Habitat and City Infrastructure.
- Detail engineering for Electrical & C&I systems in Coal , Gas & Hydro power plant .
- Expertise in
 - Mechanical system Engg. for Coal & Gas Power plant
 - Turbine Foundation
 - Turbine Buildings
 - Boiler Structures
 - Steel Structures for Material Handling area
 - Flue Gas Duct design, Duct & Pipe Support Structures
 - Critical Technological structures
- Experience in 3D modeling

Expertise



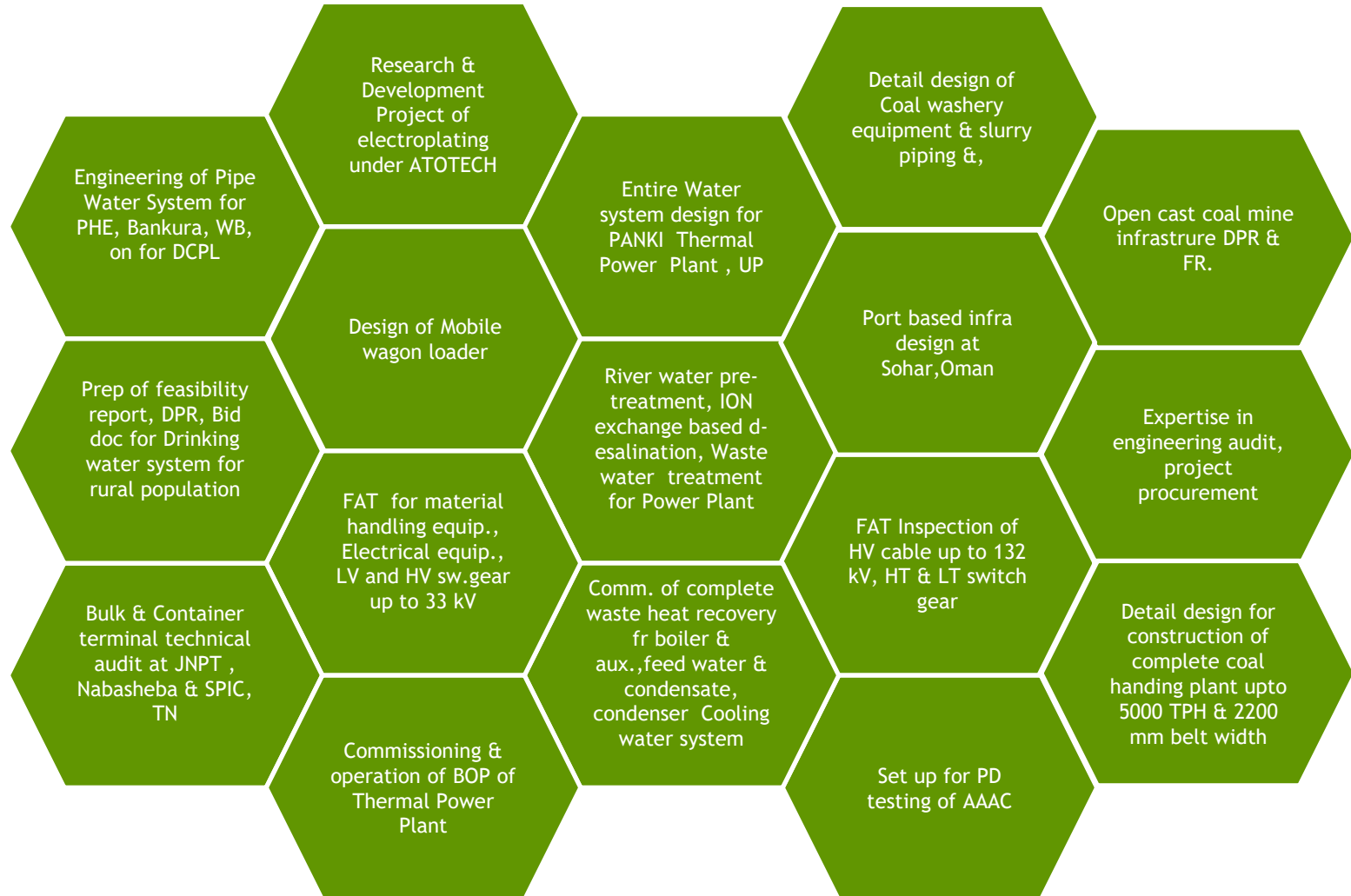
- Mechanical system Engg. & PMC for BOP for Coal & Gas Power plant
- Turbine Foundation
- Turbine Buildings
- Boiler Structures
- Steel Structures for Material Handling area
- Flue Gas Duct design, Duct & Pipe Support Structures
- Critical Technological structures
- Experience in 3D modeling
- FAT Inspection- Electrical Equipment & Material Handling Equipment

- Design for industrial utilities (Piping, Water & Effluent Systems, HVAC & Fire Protection).
- Design & development of sea & river port bulk terminal
- Erection & Commissioning support to contractors.
- Water and Wastewater Treatment Engineering including Sewage Treatment plant.
- Preparation of Bid doc. Bid evaluation

Reference Projects



Reference Projects





- Complete FEED services to ELSEWEDY, Egypt for 320 MW Open Cycle Gas Power Plant at Sudan.
- FEED services to DATANG, China for Conveyor package of Patratu, Udangudi & Yadadri Power plants & CHP of Uppur.





- Successfully carried out complete Civil & Structural detail engg. services in 120 MW CCPP at Batam Island, Indonesia for PT PLN Batam, Indonesia.
- Consisting of 2 nos. Siemens make Gas Turbine and 1no. Siemens make Steam turbine & 1 No. Nem make HRSG.





- Successfully carried out complete Civil & Structural detailed engg. services in Coal Handling Plant at 5x800 MW Tata Power at Mundra & various other CHP plants of NTPC and State Owned Utilities.





- Successfully completed Civil & Structural detail engg. services for Technological Structure, Equipment foundation including 5000 MT Circular Reactor Foundation (Pile foundation) for Air Liquide (formerly Lurgi), USA for Nat Gasoline project at Texas, USA.





- Successfully completed design engineering for 22 nos. small and medium size projects of NTPC through various EPC package vendors in last 30 years.



Key Clients



HAWK International
Finance & Construction Co. Ltd.

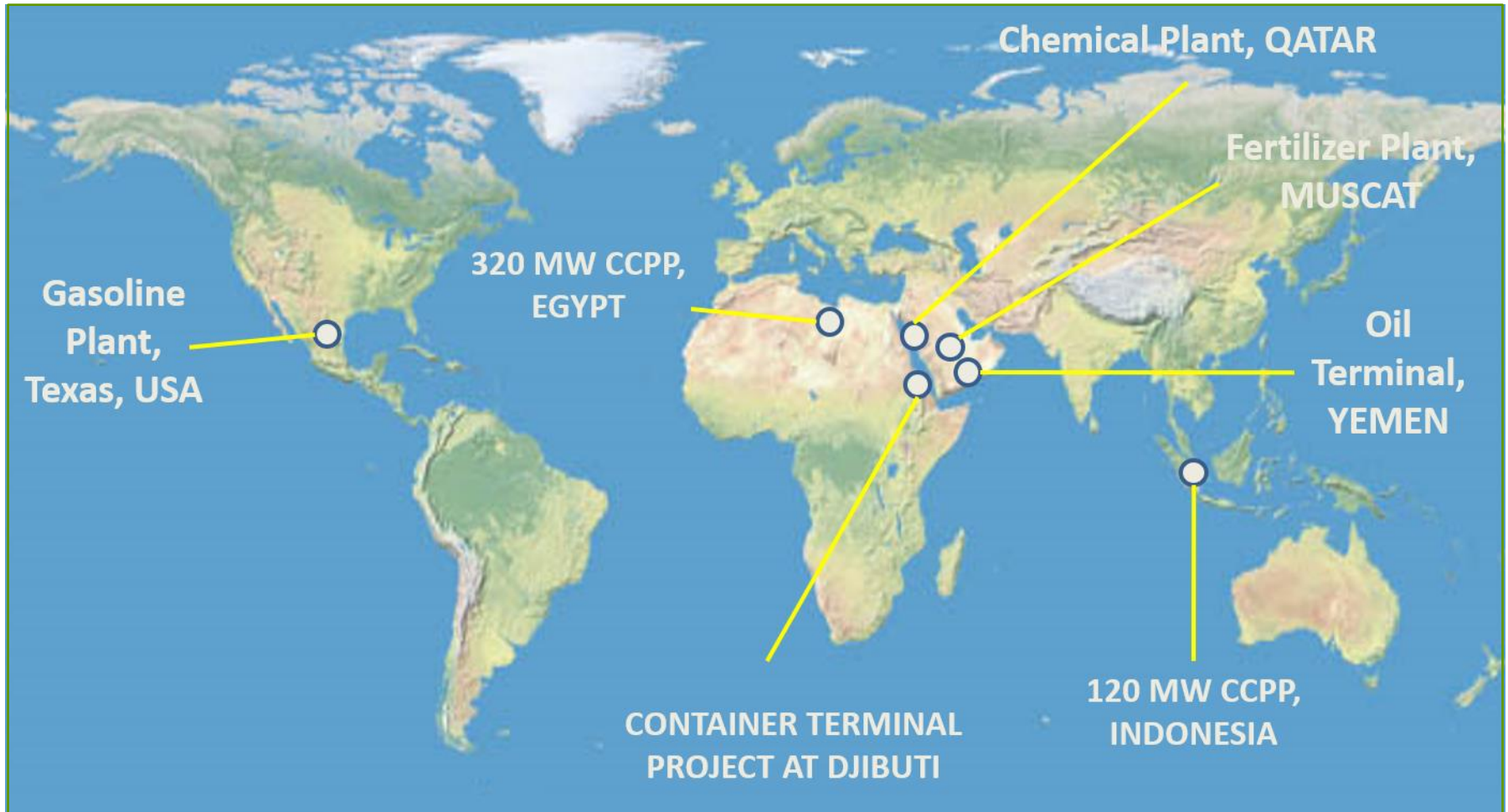


Key Clients



Overseas Projects

Worked in 3 continents and 7 countries overseas since 2011



Why Greenfra



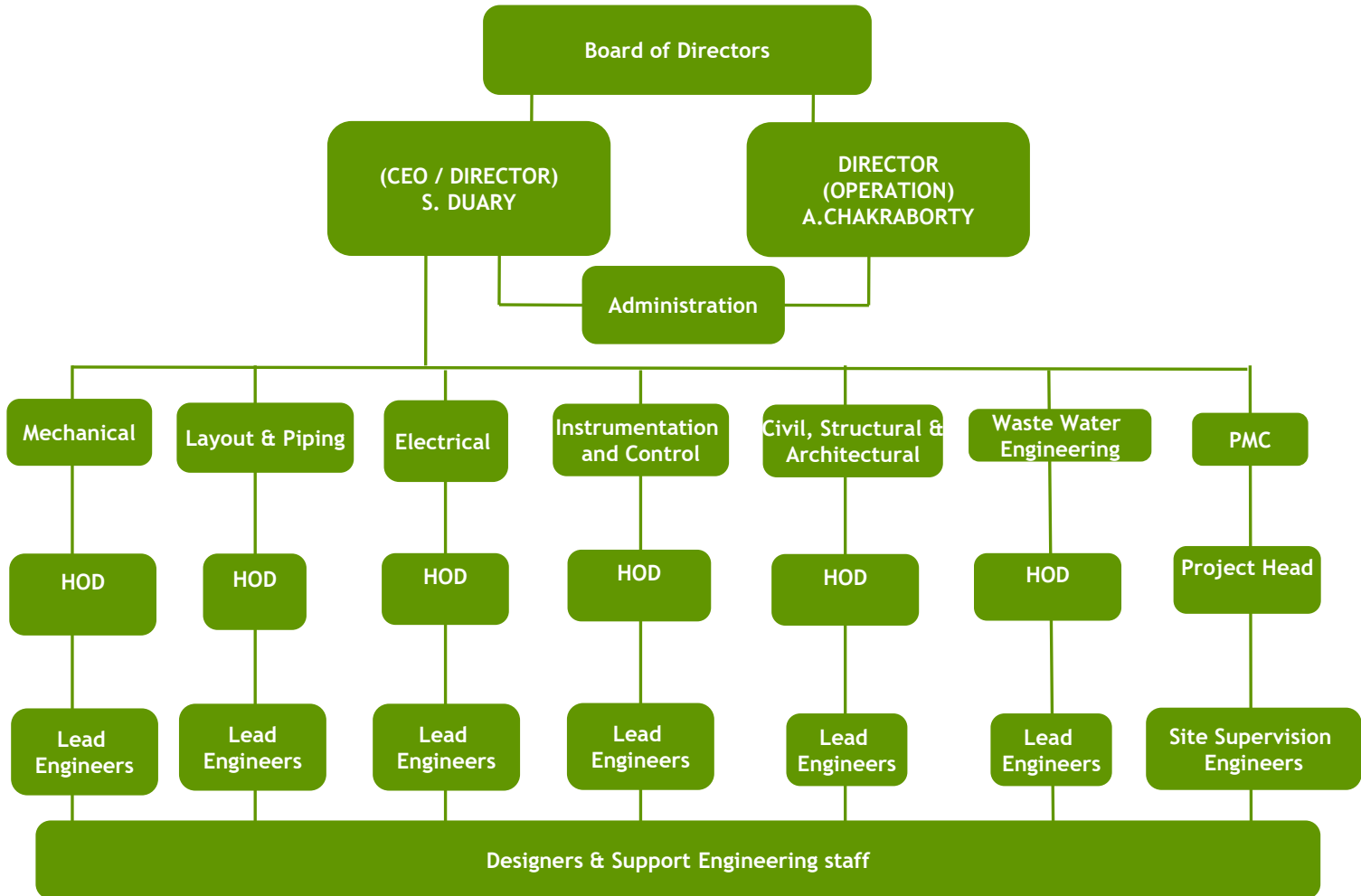
- Engg. Man-power Resources of Global Experience.
- Directly worked with reputed companies like DCPL, BECHTEL INC., Siemens, Alstom, GE, Lurgi, NGSL, GEM (Netherlands), CLP, EGIS (France), ELSEWEDY, DATANG and Indian Utilities like NTPC, State Electricity Board, DMRC maintaining their Engineering standard.
- Experience in International codes like ASTM, ASME, ACI, AISC, BS, Euro, Australian, ANSI, BIS.
- Expertise in Modularization of structure.
- Experience in 3D modelling environment as SP3D, PDMS.
- Experience in software like STAAD, RISA, CESAR-II, GT-PRO, Steam Pro.

Engineering Resources



Man-power Resources in Engineering office	Ph.D.	M.Tech/M.E	B.Tech/B.E	AMIE/Diploma
Engineers (Having Experience more than 30 years)		EE=1	CheE=1, ME=2	-
Engineers (Having Experience more than 20 years)	-	CE=1,	CE=3, ME=2 EE=2	-
Engineers (Having Experience 10- 20 years)	-	-	CE=2, ME=1 C&IE=1	-
Engineers (Having Experience 5- 10 years)	-	-	CE=2	-
Engineers (Having Experience 0- 5 years)	-			-
Draftsman/Designer/Modeller	-			12
Total	CE=8, ME=5, CheE=1,EE=3, C&IE=1			30

Organization Chart



Leadership Team



Name	Swarup Duary	Arunoday Chakraborty
Educational Qualification	BE (Civil), M. Tech IIT Delhi (Structures)	BE & M Tech(Elect) from NIT, Durgapur, Chartered Engineer , IEI, India
Last Position Held	Project Engineer, Bechtel Power Corporation	General Manager - Project, for M/s VSS Buildcon Pvt Ltd
Experience	27 years	37 years
Area of Exposure	Engineering in Oil & Gas, Fossil-Fueled, Combined Cycle, Hydroelectric Power Plants & Tall Buildings.	Engineering in Oil & Gas, Alumina Refinery, Commercial Complex like Mall. Maintenance and project execution in integrated steel plants, material handling projects, Building Const., Electro-plating in ATOTECH, Diesel Power Plant and inspection of electrical and material handling equipment.
Exposure	Exposure in International countries like USA, Canada, Australia, Oman, Saudi, Yemen, Indonesia, Singapore, Iceland	Worked in integrated steel plant with SAIL, ESSAR, Graphite India, Reliance Retail, Petro-chemical projects ,aluminium refinery and smelter under BECHTEL, material handling of iron ore/coal in ESSAR, diesel / FO based power plant in Graphite India , real estate projects for DMRC, PWD, R& D centre for ATOTECH

Leadership Team



Name	Tapas K. Dutta	Biswajit Nandy
Educational Qualification	A graduate Mechanical Engineer from B E College Sibpur Kolkata, with more than 40 years of Experience in reputed organizations.	A graduate in Mechanical Engineer from B E College Sibpur Kolkata and Master degree from Jadavpur university
Last Position Held	Lead Engineering Manager - DCPL	Senior positions in DCPL
Experience	40 years	36 years
Area of Exposure	Basic & detailed engg.,project management services for coal, ash,fuel oil & gas handling plants, coal washery, coal and gas based power projects & solar, chimney , industrial utilities (Piping, Water & Effluent Systems, HVAC & Fire Protection), bulk handling, sea & river port bulk terminal.	Concept & detail engineering , project execution, operation ,maintenance and condition monitoring of thermal and combined cycle power plant, Balance of Plant ,waste energy plant and industrial utilities.
Exposure	Worked with Heavy Engg. Corp., DCPL, L&T-Sargent &Lundy Ltd. L&T-ECC, Lahmeyer International Pvt. Ltd and Tractebel Engg. Pvt. Ltd. as lead engineering manager and project in-charge for domestic as well as overseas projects.	Worked in WBSEB, WBPDC, DCPL, L&T-Sargent &Lundy Ltd., Lahmeyer International Pvt. Ltd, Poyry Energy Ltd in Vietnam, Worley Parsons Services Sdn Bhd at Kuala Lumpur, Corporate Solutions Consulting Ltd as Site Monitoring and commissioning engineer.

Leadership Team



Name	Bhaskar Sengupta	Debasis Gangopadhyay
Educational Qualification	A graduate in Chemical Engineer from Jadavpur university Kolkata and Master degree from Jadavpur university with 35 years of Experience in reputed	B. Tech. in Electrical Engineering from University of Calcutta
Last Position Held	Senior position in DCPL	Senior position in DCPL
Experience	35 years	22 years
Area of Exposure	Complete design and process related packages on Water and Wastewater Treatment Engineering including Sewage Treatment plant in various sectors like Urban, Municipalities, Power, Paper, Defence, Cement, Fertilizers & Chemicals, Refineries & Petrochemicals.	Basic and detail engineering(Elect) ,Procurement, preparation of Feasibility study report and DPR for power and steel plants on Power, Oil and Gas, Chemical Process, Metal and Mining, Infrastructure (ports , yards etc),Substation (415V to 400 kV , AIS/ GIS) etc.
Exposure	Worked in DCPL for 35 years in different domestic and international projects in water engineering in Kenya, USA, China, Vietnam, Kuwait, Ras Al Khaimah & Jordan	Worked in CESC Ltd, DCPL , ALSTOM , LAHMEYER , M.N.DASTUR, AIR LIQUIDE GLOBAL E&C SOLUTIONS and familiar with various relevant National & International Codes and Standards, like IS , IEC , ANSI / IEEE , NFPA, API etc

Thank You



Registered Office

B-91/T5 Dilshad colony
New Delhi-110095

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Near State Bank Academy,
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Branch Office

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