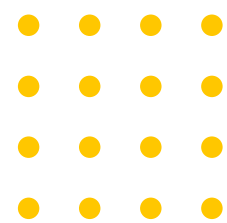


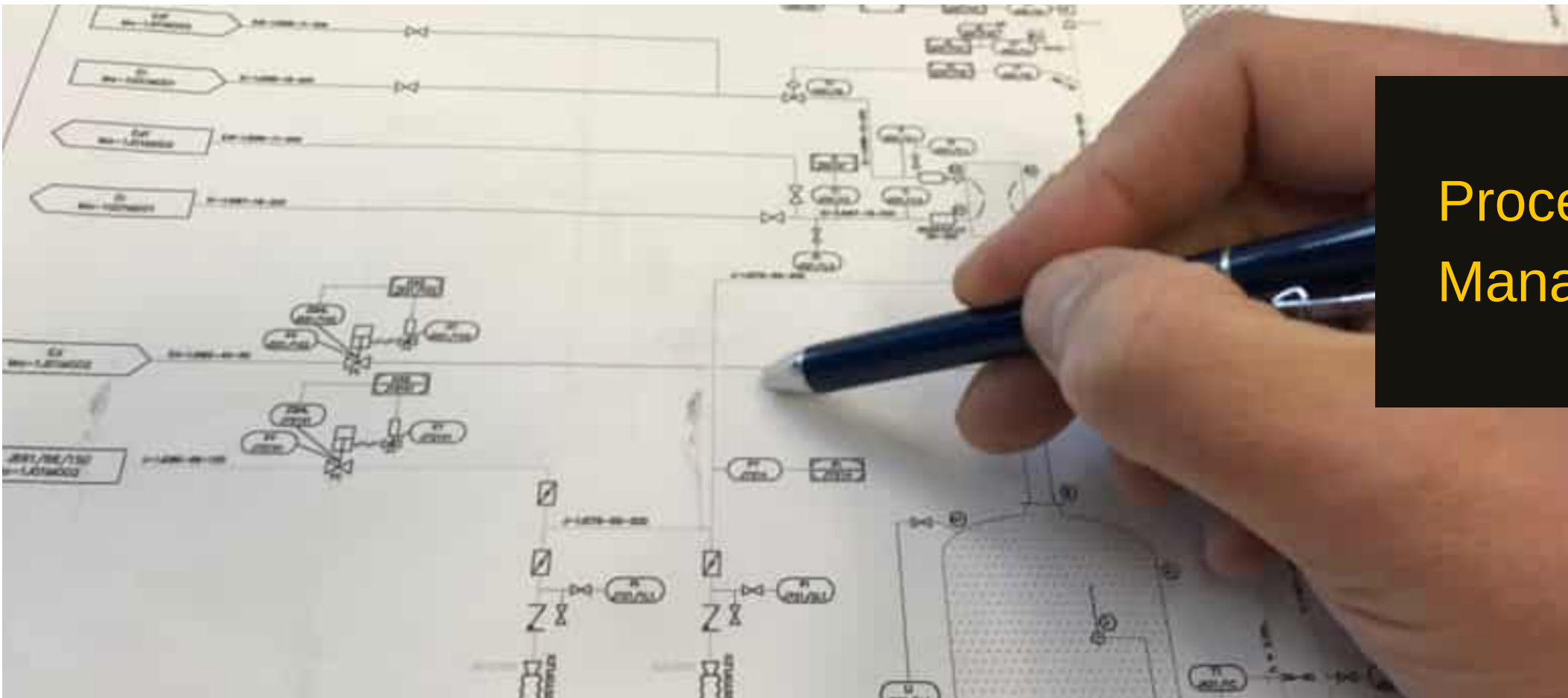
# GREENGAUGE HYDROGEN

Progressing the hydrogen transition with assurance and efficiency

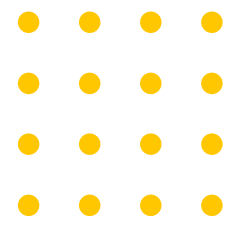


# WELCOME TO GREENGAUGE HYDROGEN

Greengauge Hydrogen is a Project Management Consultancy focussed on Blue Hydrogen Projects and specialising in all project phases from concept through to turnover and beyond.



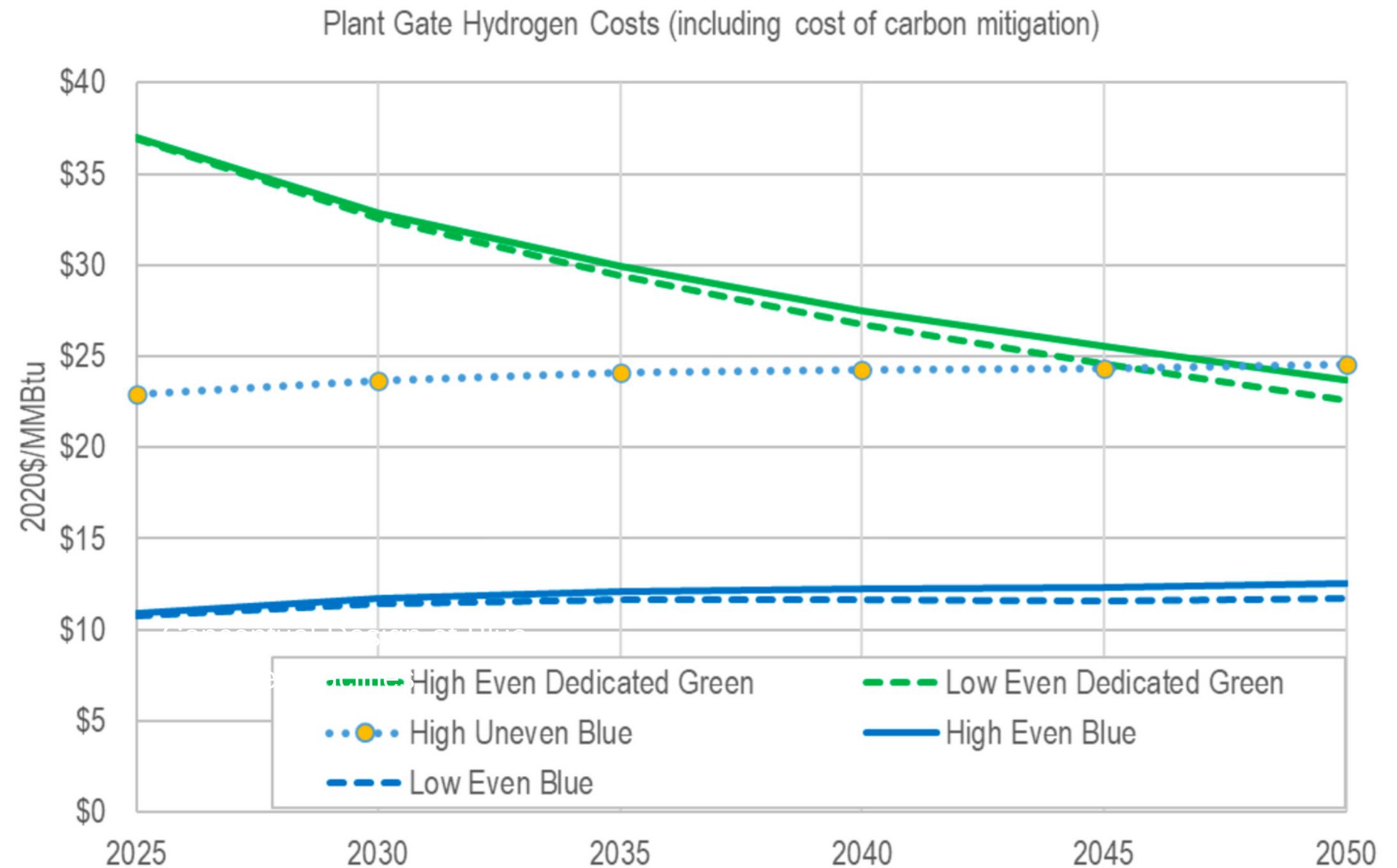
Process Engineering and Project Management our business.



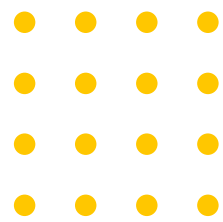
# BLUE HYDROGEN HAS ARRIVED

With a hydrogen market in excess of \$130 billion in 2023 predicted \$219 billion by 2030 and 31 new Blue Hydrogen projects.

Until investment coupled with technological advances brings the cost of Green Hydrogen to a more competitive level Blue Hydrogen will be fulfilling the worlds requirement for clean energy.





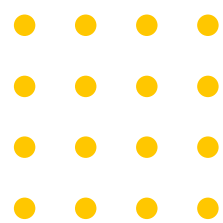


# PROBLEM AND CHALLENGE

There is no specialist PMC with experienced personnel to manage the high number of projects that will be starting up in the next two decades.







# SERVICES FROM GREENGAUGE

Greengauge Hydrogen operates as a Project Management Consultancy with a speciality in Blue Hydrogen, providing quality engineering and project management expertise to efficiently deliver the blue hydrogen future.

01

Conceptual, Front End  
Engineering Design (FEED),  
for Blue Hydrogen Projects

02

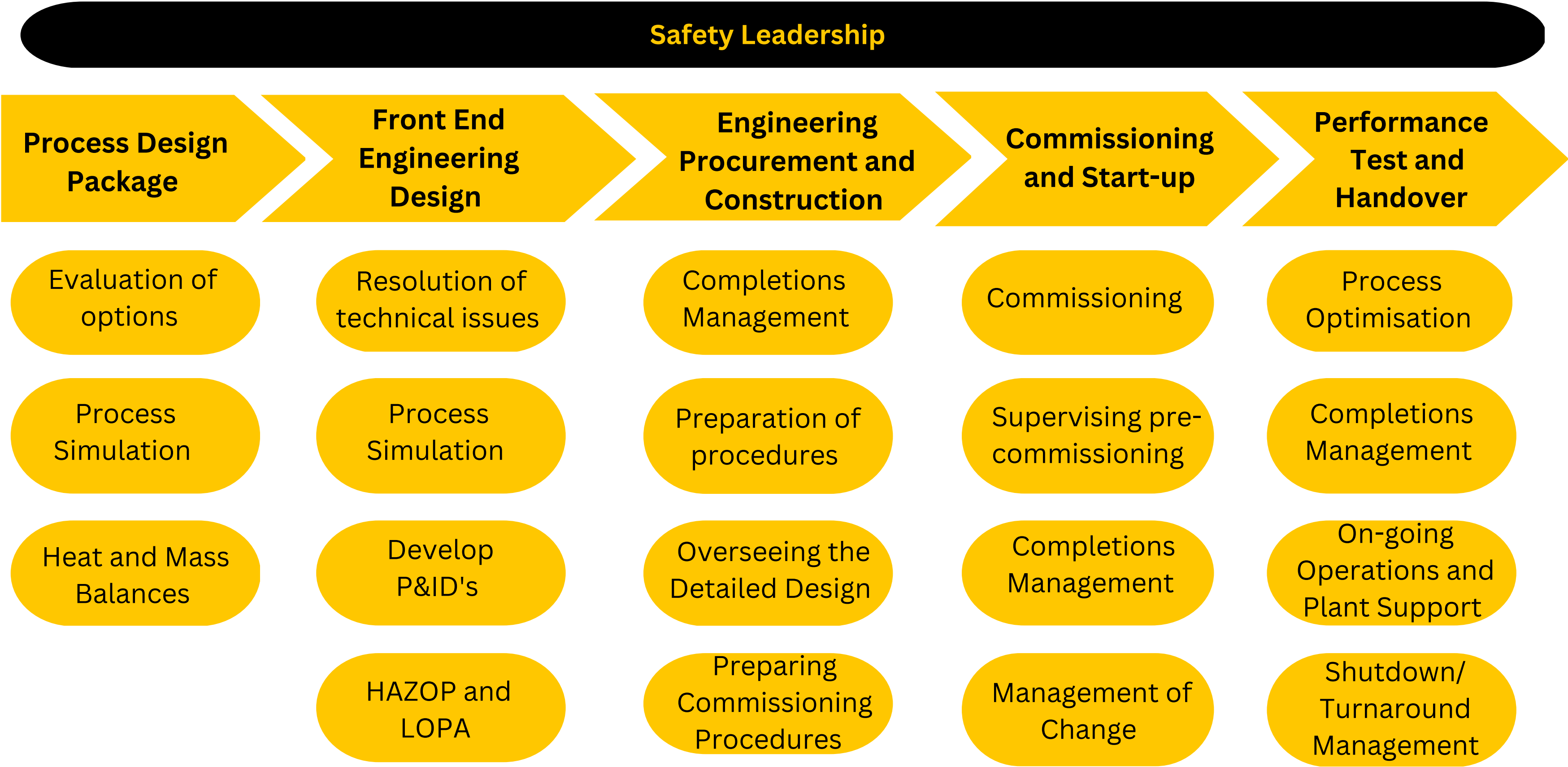
Commmissioning and Start-  
up of Blue Hydrogen  
Facilities.

03

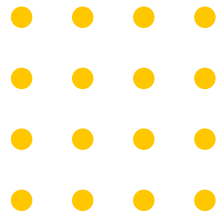
Leadership in HAZOP, LOPA,  
Managment of Change and  
PSSR.



# THE ROLE OF GREENGAUGE HYDROGEN AS PMC THROUGH THE COURSE OF A PROJECT







## GREENGAUGE NETWORK

Greengauge's technical leadership team executes projects alongside similarly qualified and experienced managers and engineers. Greengauge can also provide larger workforce teams during the project execution stage.



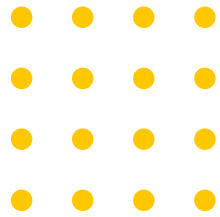


## THE GREENGAUGE TEAM HAS EXPERIENCE OF COMMISSIONING AND OPERATING FACILITIES

Greengauge's Engineers have worked on a wide range of projects and operating facilities. The years spent on site commissioning and troubleshooting make us a unique partner.

- Hydrogen production on refineries in Bahrain, Kuwait, Saudi Arabia, Iraq, UK.
- Syngas Production Operations Management
- Methanol Plant's reformer monitoring and optimisation
- Chemical Plants
- Gas Processing
- Amine absorption of carbon dioxide and hydrogen sulphide





### **DR RICHARD WILLS**

Chartered Chemical Engineer and Chartered Chemist. Operations Manager on the Syngas and POX plant for BP Saltend. Commissioning and Process. HAZOP Chair. Incident Manager. NEBOSH IGC in HSE.



### **DAVID SMITH**

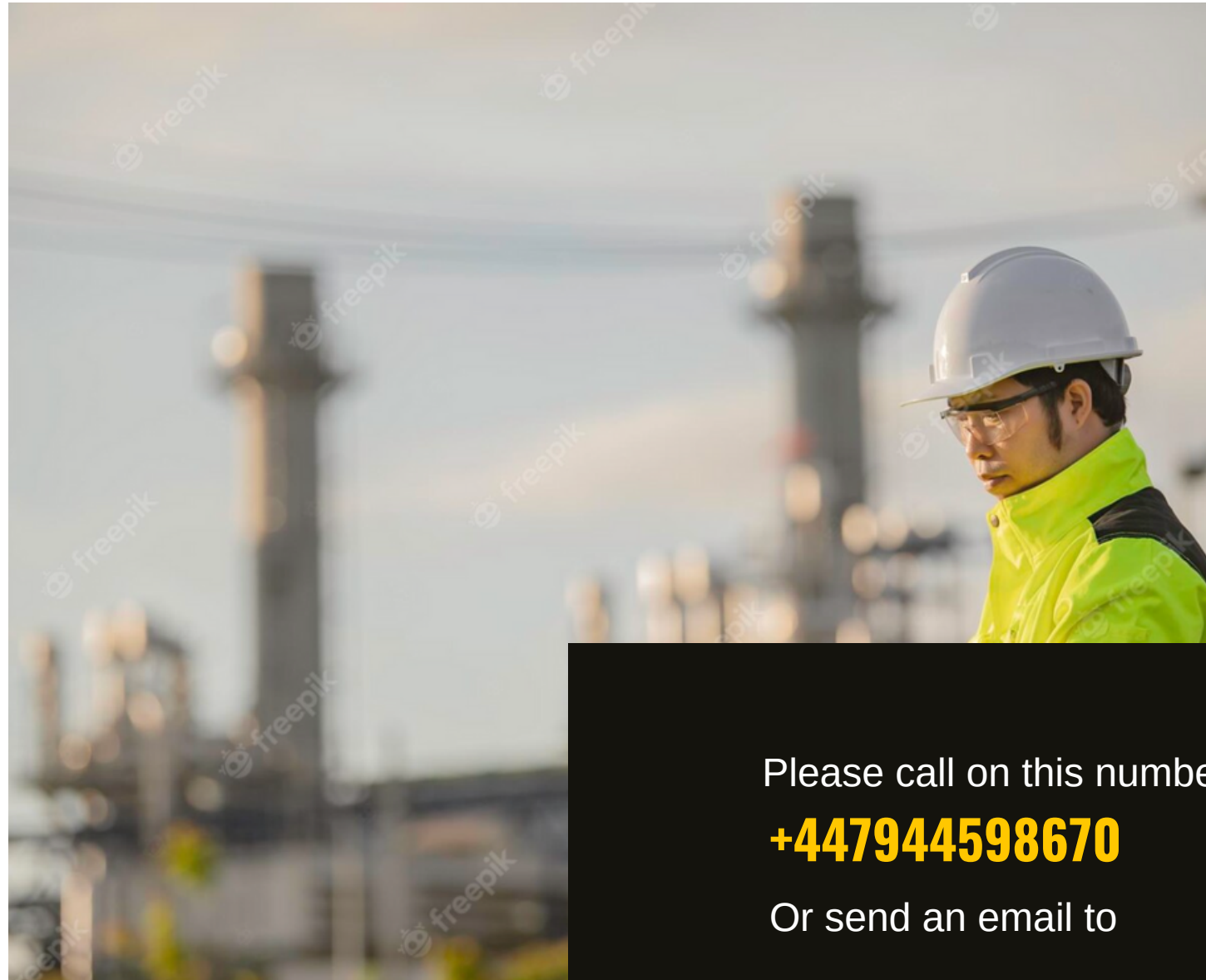
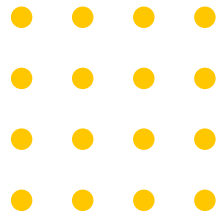
Chartered Chemical Engineer. Working on reformer monitoring in methanol. Commissioning Hydrogen Production in refineries. Worked at Bapco, Yasref, KNPC, Karbala. Auditor for Quality, Environment and Safety.



### **TODD MUXWORTHY**

Chartered Chemical Engineer, Fellow of the Institution of Chemical Engineers and Registered European Engineer. Specialist in petrochemical plant Front End Engineering, Process Simulation and experienced petrochemical site commissioning and start-up manager.

## **THE GREENGAUGE TEAM**



# CONTACT US

We are always happy to discuss our services with you.

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**smith.david97@gmail.com**

**WWW.GREENGAUGEHYDROGEN.COM**



