



Technical Visit to Petronas Research Sdn. Bhd (PRSB)

by Ts. Soh Yee Ling

Ts. Soh Yee Ling is currently a Committee Member in Public Sector Engineers Special Interest Group (PSESIG), IEM for session 2022/2023 and an Assistant Engineer at Public Works Department Malaysia, and placed in Design Division.

No.	Representative	Position
1.	Ir. Shahidan bin Sadiman	Chairman of PSESIG
2.	Ir. Ts. Dr.Zarabizan bin Zakaria	Committee Members
3.	Ts. Soh Yee Ling	Committee Members

The Public Sector Engineers Special Interest Group (PSESIG) had organised a technical visit to Petronas Research Sdn. Bhd (PRSB) located in Bangi, Selangor on 17th January 2023 with a total of 23 participants included the three (3) committee members of PSESIG. The participants came from a diverse background from various industries. A brief introduction from Petronas Research Sdn. Bhd (PRSB) staffs to all participants.

PRSB is a PETRONAS' wholly-owned company and is home to one of the main R&D facilities for PETRONAS. PRSB is a part of Group Research & Technology (GR&T), Project Delivery & Technology (PD&T) Division: PETRONAS Centre of Excellence (COE) for innovation and technology advancement.

The delegates were received by PRSB staffs and a welcoming speech from Mr. M. Arif Fadhilah A. Rashid from Corporate Strategy, PETRONAS and Pn. Nik Nur Farhana Nik Ahmad from Government & Regulator Advisory, Corporate Strategy about the introduction of PRSB. The objective of this visit is to know and how PRSB conduct the technology and sustainability approach. The PRSB also share their knowledge, experience and exchange views and ideas regarding best management practices including innovation and initiatives practiced towards the success of excellent world-class services.

The next briefing session which was led by Dr. Khairul bin Rostani who is from Carbon Capture, Utilisation and Storage (CCUS) PETRONAS division. The briefing covers carbon capture, utilisation, and storage (CCUS) may not be a new technology, but it is a vital solution in transitioning to a net zero carbon future. Being applicable across the energy value chain, CCUS technologies can further decarbonise and reduce the

carbon emissions, through four major steps, namely carbon capture, transport, storage, and utilisation. The delegation also was taken to the PETRONAS gallery which displays the history of establishment, innovation and technology including Research and Development (R&D) that have been successfully produced by PRSB.

The technical visit was concluded at 1.00pm with a group photo. Later, we headed for lunch at PRSB Cafe, PRSB host a luncheon and interaction session for all the participants. As a conclusion, souvenirs and a commemorative photo session were held as a symbolic sign of appreciation and thanks to PRSB.

The Journey of PRSB Visit



Morning breakfast for participants



Morning breakfast for participants



Morning breakfast for participants



Morning breakfast for participants



Group photo-Committee Members of PSESIG



Group photo-Participants with F1 Background



Opening briefing from Mr. ArifFadhilah



PRSB Technology Agenda



Knowledge sharing session



Knowledge sharing session



Knowledge sharing session from Pn. Nurfarhana



Knowledge sharing session



Knowledge sharing session from Dr. Khairul



Knowledge sharing session



Knowledge sharing session



Knowledge sharing session



Gallery briefing session



Knowledge sharing session



Gallery briefing session



Knowledge sharing session



Knowledge sharing session



Knowledge sharing session



Knowledge sharing session



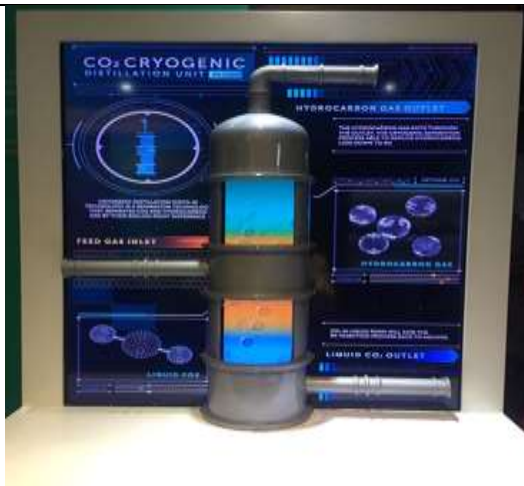
The equipment inside the Gallery



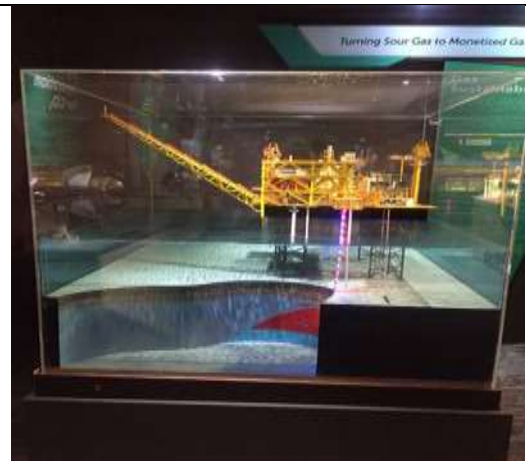
The equipment inside the Gallery



Types of Oils



The equipment inside the Gallery



The equipment inside the Gallery



Souvenir session



Luncheon session



Luncheon session



Luncheon session



Luncheon session



The dishes