



Speaker interview with **Dang Ngoc Dinh Diep, General Deputy Manager, R&D Division, Binh Son Refining & Petrochemical.**

He will be participating in a panel discussion on monitoring asset management and how it can help to improve performance as well as asset life on 26th October.

1. At Binh Son Refining & Petrochemical, what is some of the work you are doing that will interest downstream operators? Are there any new findings that are worthy of mention?

In my opinion, the RFCC run length improvement from 3 years to 4 years. For example- Refractory application and curing and the Assets utilisation -Increasing the feed rate in steps in different units after test runs in stages.

2. What are the latest technology adoptions by downstream operators in Asia? Are there any success stories that other operators can learn from?

Few of the latest technology adoptions are advanced control implementation, total elimination of naphtha in BSR and upgradation to gasoline through isomer unit, ccr platforming and FCC gasoline. Adding to that, it will be the value addition by conversion of full propylene into PP.

3. What are your views on Asia's downstream industries rate of digitalisation as compared to counterparts in other regions i.e. America, Europe and the Middle East markets?

Compared to America, Europe and Middle East, Asia (SEA) seems be lagging in digitalisation. In some Middle East countries, they have changed to totally paperless offices.

4. What's the greatest impact IoT, data analytics and AI will have on the industry? What lies ahead of operators and how will they adapt?

The impact is to have better support which results in a better management. For example, we use Maximo to manage incident investigation reports, tracking the implementation of recommendation action plan to mitigate/eliminate/prevent incidents repeatedly occur

5. What lies ahead?

What we are looking forward are:

- To get maximum benefit out of the internet all the decision makers should be able to see the real time performance of the plants always at home, during travel and any time to get maximum value to the Refinery.
- The daily performance of the refinery margin and energy performance to be on real time basis not by calculation and data inputs by planning dept.
- PSM implementation- to improve asset integrity and safety and less turn around jobs.

6. What will be the highlight of your presentation at Asian Downstream Summit?

This year, I will be presenting on how you can get maximum margin generation through high value products and energy saving.