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Malaysia Productivity Corporation (MPC) Chemical Productivity Nexus Initiative Working Group 2021

Kuala Lumpur – Malaysia Productivity Corporation (MPC) through Chemical Productivity Nexus (CPN) continued to drive productivity in the chemical industry by starting implementing 5 Initiative Working Group or IWG in short starting January 2021.

According to YBhg Dato' Dr. Mohamed Noor Sany, Champion of Chemical Productivity Nexus (CPN) the chemical Industry is a large industry stretching from petrochemicals, basic industrial chemicals, pharmaceuticals, fertilizers, pesticides, oleo-chemicals, cosmetics & toiletries, organic chemicals, industrial gases, paints, etc. It covers a whole spectrum of not only fabrication & manufacturing, but also that of chemical traders, distributors and service providers. More than 90% of the establishments in the chemical industry are SMEs, while the rest is multinational corporations and large local players.

Chemical exports have been growing over the last 10 years and the chemical industry is the 3rd largest exporter of manufactured products, after the Electrical & Electronic, and petroleum products sectors. The production value of the Malaysian Chemical Industry stands at 23 billion Dollars, based on 2017 data, and is projected to grow to 37 billion dollars by the year 2030.

YBhg Dato' Dr. Mohamed Noor Sany further added that, the implementation of these 5 IWGs is led by a team leader, in spearheading specific projects. The IWG1 aim to establish Chemical Centre-of-Excellence by organizing and provide basic HSE awareness training and advocacy to all SMEs through a free scheduled webinar session throughout 2021. We anticipate over 1,000 SMEs will benefit from this programme.

The IWG2 is to develop In-house Competency-based Up-skilling. We started this journey in 2020 where we, the Industry and Academia, developed an in-house up-skilling training module programme. We have now put together a technical syllabus, and a programme where the shop-floor workforce can be up-skilled through an on-the-job training. The Pilot launch is to be run this year. This programme is HRDF claimable and would not need to take the workforce out of their workplace. We anticipate to put through many hundreds of candidates through this programme over 2022. We can also, through the experienced gained, have the knowledge to replicate syllabus development for other technical courses that is required by the industries, with other institutions.

The next IWG3 is aiming to digitalise & modernise industry. There are two projects in this working group. Firstly, in the course of 2020, we had identified over 30 companies and had them assessed for Industry 4.0 readiness. This year's programme is to organize a number of clinics in bringing them to Industry 4.0 compliance. Secondly, to facilitate the development of a National Transport Data Exchange IT Platform, or referred to as MyTDX. The MyDTX initiative will synergize the ability of the Authorities and the Industry to work together on a common digitalized platform in streamlining controls and assurance on the safety, productivity and regulatory compliance of chemical road transport operations on Malaysian roads.

In addition, the IWG4 functions to move to high value add components in the chemical value chain. Under this working group, we have identified two promising SMEs whose initiatives have the potential to impact the business landscape and protect the environmental well-being of the nation. The two projects we've undertaken, ie the Cooking Oil/Bio Diesel conversion project and refrigerant enzyme & nano technology cleaning agent, when taken off, will be having a knock-on impact in spurring up businesses in other supporting SME companies.

Last but not least, to keep up and compete with other countries the IWG5 is to provide support to high potential SMEs to expand internationally. We've identified 4 SMEs, classified as small & micro, with a good R&D project which has a potential for exports. On having guided these SMEs to achieve their sales, export targets, and desired business growth, the CEO's of these SME's will be required share and present their success stories to other SMEs to emulate.

YBhg Dato' Dr. Mohamed Noor Sany also added, he invited all the chemical and chemicals product sector to register their companies and/or their vendor SMEs with CPN with free of charge registration. Therefore, those registered will get priority and an opportunity to access all the programs scheduled throughout the year in terms of driving the productivity of their organisation.

For more information, visit <https://wayup.my/chemical-chemical-product/>

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About Malaysia Productivity Corporation (MPC)

Malaysia Productivity Corporation (MPC) is a statutory body under the Ministry of International Trade and Industry (MITI). MPC promotes productivity, quality and competitiveness to the industries and organisations in Malaysia. MPC's vision is to be the leading organisation in productivity enhancement for global competitiveness and innovation.

About Chemical Productivity Nexus

The Chemical Productivity Nexus is the platform in connecting the players, relevant stakeholders, and authorities in the chemical industry. The Nexus' focus is based on three pillars namely technology, workforce, and industry structure.