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A handwritten signature in black ink, appearing to read 'Nik Faizal'.

Nik Faizal Nik Ahmad  
Timbalan Pengarah

# PROGRAM COORDINATOR REPORT PHASE TWO

CHEMICAL PRODUCTIVITY NEXUS (CPN)

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Date	:	8 December 2020

## PRODUCTIVITY NEXUS CHEMICAL

### 1. BACKGROUND

The Productivity Nexus was established to drive the implementation of productivity initiatives proposed by the Malaysia Productivity Blueprint (MPB). It acts as a one-stop platform to support sector-level initiatives, by creating awareness, improving understanding, and facilitating the adoption of the sector-level initiatives. Productivity Nexus are implemented for 9 priority subsectors to help enterprises produce high-value output at lower costs.

Additionally, the nexus will develop and disseminate tools, contribute to best practices, and create recommended pools of consultants to support enterprises in their efforts to address industry-specific issues. This will strengthen partnerships between government, enterprises, and trade associations and chambers

One of the priority subsectors identified is chemicals and chemical products also known as Nexus Chemical where this subsector covers a wide range of goods, including chemicals and chemical products, pharmaceuticals, medicinal chemicals, and botanical products. The subsector are prioritised based on criteria such as productivity gap, contribution to GDP and employment, and readiness to implement productivity improvement under the existing Government plan.

Mainly, the roles of chemical nexus are to improve awareness and adoption of sector-level initiatives, empower enterprises by developing and disseminating tools that will boost productivity and foster knowledge sharing through productivity expert, who can help enterprises identify their productivity challenges and share best practices and solutions.

#### **Productivity Initiatives**

The sector level productivity initiatives were drafted to address key challenges of the chemical industry. There are three (3) main productivity initiatives

outlined in the Malaysia Productivity Blueprint to be implemented, coordinated and monitored by chemical nexus. The productivity initiatives are as follows:

- **Industry Structure**
  - Establish chemicals Centre of Excellence built on clear strategies for chemicals and chemical products subsector.
  - Enable SMEs to move towards high value add components in the chemical value chain.
  - Provide support to high potential SMEs to expand internationally.
- **Technology**
  - Provide technical, digital and management support to enhance SME capabilities.
- **Workforce**
  - Deepen collaboration between industry players and educational institutions offering chemical-related courses.

However, changes in the local economy have brought forth new issues and challenges towards this chemical sector. Malaysia Productivity Corporation (MPC) took this as to their advantage to fully utilized the use of digitalization as a change agent on its existing plan to further expand the knowledge sharing on sustaining a business and helping Small and Medium Enterprises (SME) to re-strategize their businesses in surviving post COVID-19.

Hence, Chemical Nexus takes initiatives to organize a series of webinar as an alternative tool used to communicate and disseminate the knowledge and information as MPC appointed industry specialists. They are Entrepreneurs and Business Coach with extensive experience in the 'Chemical' industry who will share their knowledge and experience in the chemical business world.

## 2. LIST OF ADVISORS AND SCHEDULE PLANNING

NAME	DESIGNATION	ROLES
HARIDASS NAGALINGAM	Trade Development Advisory	SPEAKER
CHENG BOON SENG	Elliance i4.0 Technology Centre	SPEAKER
DR EDLY FERDN RAMLY	EFR Management Consultant	SPEAKER
MUHAMMAD KHAIRIL FAIEZ	MPC Associate	MODERATOR
HELMY BASRI	MPC Associate	MODERATOR
SAHARUDDIN KADIR	MPC Associate	MODERATOR

NO	DATE	TIME	TOPIC
1.	27/11/2020	3:00 PM	Participation in International Trade Fair
2.	27/11/2020	10:00 AM	Chemical Safety Training : Introduction of chemical safety & definition of toxicology
3.	30/11/2020	10:00 AM	Total Productive Maintenance (TPM) in chemical plant
4.	30/11/2020	3:00 PM	TPM Assessment for Chemical Plant
5.	1/12/2020	10:00 AM	Harnessing the benefits of digital transformation in chemical industry
6.	1/12/2020	3:00 PM	Chemical Safety Training : Identification, classification and labelling of chemicals
7.	2/12/2020	10:00 AM	Pengurusan kimia di tempat kerja: Penambahbaikan untuk peningkatan produktiviti
8.	2/12/2020	3:00 PM	Process Readiness for IR4.0
9.	3/12/2020	3:00 PM	Chemical Safety Training : Transport and storage of chemical
10.	7/12/2020	3:00 PM	Chemical Safety Training : Chemical waste disposal

### 3. PROGRAM SUMMARY

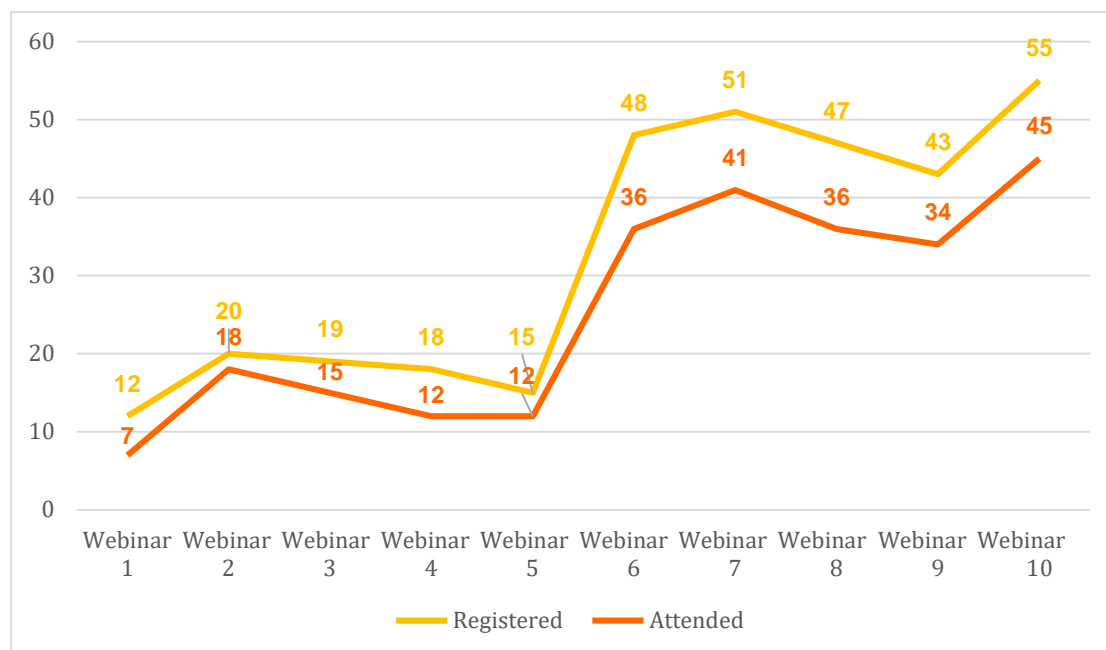
**Total Webinar Program: 10 Sessions**  
**Advisory Date: 27 November 2020 – 7 December 2020**  
**Total Advisory Involved: 6 Advisors**



Program	View Registration Link	Percentage %
Webinar 1	25	7
Webinar 2	31	9
Webinar 3	72	21
Webinar 4	65	19
Webinar 5	41	12
Webinar 6	81	23
Webinar 7	107	31
Webinar 8	104	30
Webinar 9	56	16
Webinar 10	84	24

A total Number of 10 webinar series was organized from 27<sup>th</sup> November – 7<sup>th</sup> November 2020. 350 invitation was sent out for each webinar series organized from variety of companies from different sectors. Out of the following invitation

sent out, not more than 32% clicked on the following registration link while the remaining 112 invites were either bounds back, did not go through or unread.



When comparing from the number of registered participants with the ones that attended, we can actually see that most of the people who registered are well committed towards the respective programs. We can also see that the overall trend for this webinar series reflect an upward movement along the journey. Out of all the webinar series, webinar number ten (10) has proven to be the most participated series with the topic on “Chemical Safety Training: Chemical waste disposal” while the lowest involved goes to webinar number four (4) and five (5) with their respective titles on “TPM Assessment for Chemical Plant” and “Harnessing the benefits of digital transformation in chemical industry”.

Overall, all participants are satisfied with the session that was organized by Chemical Productivity Nexus (CPN) and requested MPC to do follow-up program.

#### 4. POSTERS / ON GOING SESSIONS

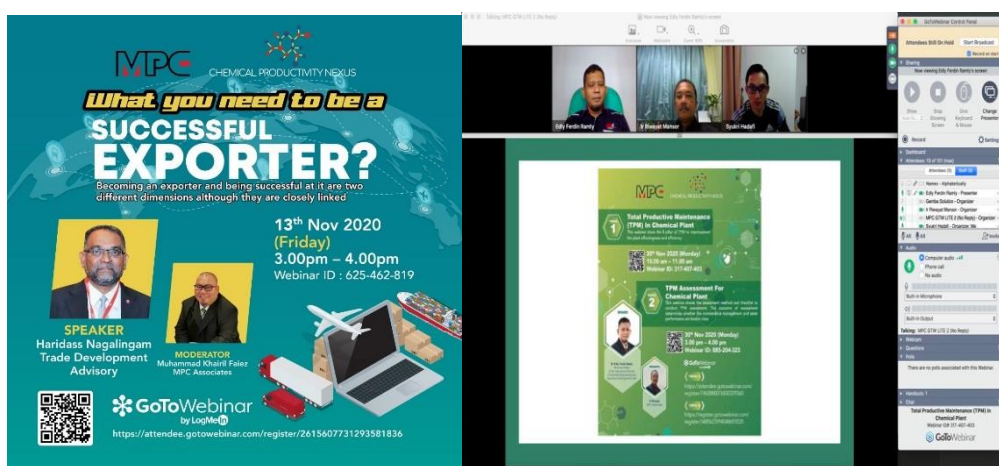
##### WEBINAR 1:



## WEBINAR 2:



## WEBINAR 3:



## WEBINAR 4:



**MPC CHEMICAL PRODUCTIVITY NEXUS**

**Participation in International Trade Fair**

Trade Exhibitions are an important part of business and can be ideal venue to unveil new products, network with other professionals in your industry, assess competition and buy or sell products for your business. However participating in Trade Exhibitions poses its own challenges and can be expensive. Proper preparation for participation before, during and after is crucial for a successful outcome.

**SPEAKER**  
Haridass Nagalingam  
Trade Development Advisory

**MODERATOR**  
Muhammad Khalil Faleh  
MPC Associate

**27th Nov 2020 (Friday)**  
**3.00pm – 4.00pm**  
Webinar ID: 775-644-603  
<https://attendee.gotowebinar.com/register/3899486568326965260>

**GoToWebinar by LogMeIn**

**EXPORT DEVELOPMENT**  
**MODULE 7: PARTICIPATING IN EXHIBITIONS**

**PRESENTED BY**  
**HARIDASS NAGALINGAM**  
TRADE DEVELOPMENT ADVISORY

**WEBINAR 5:**

**MPC CHEMICAL PRODUCTIVITY NEXUS**

**Topic 01**  
**A Global Award Winning Food Waste Management Technology**

**MS CHELSEA CHEE**  
Founder & Chief CEO  
EULIANCE Sdn Bhd (M) 011-221 021 012

**HELMY BASRI**  
Moderator  
MPC Associate

**19th Nov 2020 7.00pm - 8.00pm**  
Webinar ID: 505-007-483  
<https://attendee.gotowebinar.com/register/2121663127952684300>

**GoToWebinar by LogMeIn**

**EULIANCE**  
**TURNING INDUSTRY 4.0 INTO REALITY**

**WEBINAR 6:**

**MPC CHEMICAL PRODUCTIVITY NEXUS**

**CHEMICAL SAFETY TRAINING:**  
**Identification, Classification And Labelling Of Chemicals**

**1st Dec 2020 (TUESDAY)**  
**3.00pm – 4.00pm**  
Webinar ID: 372-805-403  
<https://attendee.gotowebinar.com/register/3132219867137392400>

**SPEAKER**  
Associate Professor To Dr Ahmad Naim Ahmad Nabawi  
Faculty & Chemical Engineer, Malaysian Agency for Engineering & Technology (MAET)

**MODERATOR**  
Saharudin A. Kadir  
MPC Associate

**GoToWebinar by LogMeIn**

**Chemical Safety Training: Identification, Classification and Labelling of Chemicals**

**WEBINAR 7:**



**MPC** CHEMICAL PRODUCTIVITY NEXUS

**PENGURUSAN KIMIA DI TEMPAT KERJA: PENAMBAHBAIKAN UNTUK PENINGKATAN PRODUKTIVITI**

**SPEAKER**  
Ruzila Osman  
Programme  
National Institute of Occupational Safety and Health (NIOSH)  
Wilayah Utara

**MODERATOR**  
Helmy Basri  
MPC Associates

**2 DESEMBER 2020 (RABU)**  
**10.00PAGI - 11.00PAGI**  
**WEBINAR ID: 952-290-403**

**GoToWebinar**  
by LogMeIn

<https://attendee.gotowebinar.com/register/3040736101583197709>

## WEBINAR 8:

**MPC** CHEMICAL PRODUCTIVITY NEXUS

**Introduction of Industry 4.0 & Its Technologies Related to Chemical Industry**

**Dr. Chang Boon Seng**  
CEO, Alliance 4.0 Technology Centre

**Helmy Basri**  
Moderator  
MPC Associates

**24th NOVEMBER 2020 TUESDAY**  
**3.30pm - 4.30pm**

**Webinar ID: 268-692-843**

**GoToWebinar**  
by LogMeIn

<https://attendee.gotowebinar.com/register/3195738458797015053>

## WEBINAR 9:

**MPC** CHEMICAL PRODUCTIVITY NEXUS

**APPLICATION FOR EFFECTIVE AND EFFICIENT MANUFACTURING IN CHEMICAL PLANT**

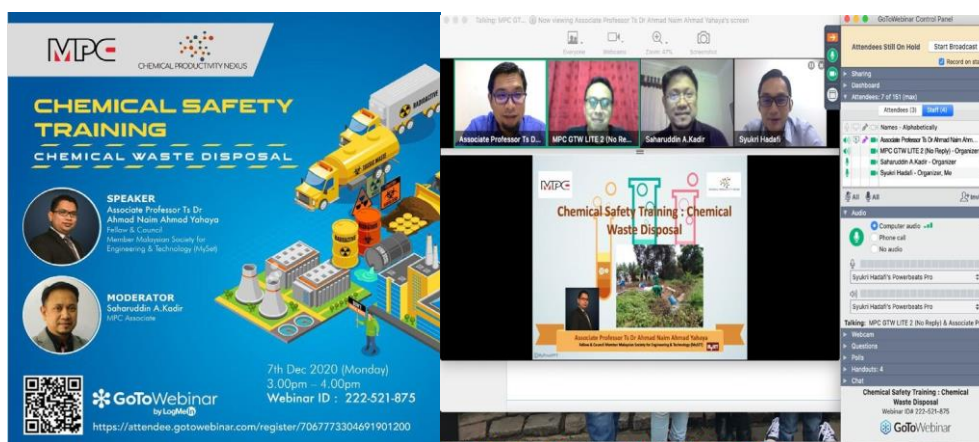
**Associate Professor Ts Dr Ahmad Naim Ahmad Yahaya**  
Hafsa & Laila Member Malaysia Society for Engineering & Technology (MSSET)

**26th Nov 2020 (Thursday)**  
**11.45am - 12.45pm**  
**Webinar ID: 593-791-779**

**GoToWebinar**  
by LogMeIn

<https://attendee.gotowebinar.com/register/3590680927075603981>

## WEBINAR 10:



## 5. COORDINATOR ROLES & RESPONSIBILITIES (ACTIVITY TRACKING)

No	Activity
1	<b>ONLINE APPLICATION FORM</b> Prepare, receive and manage online applications form
2.	Assign/Brief roles and duties of speaker and moderator
3.	Develop Schedule with selected Speakers/Moderators
4.	Coordination Meeting
5.	<b>COORDINATION</b> 1. CPN Schedule Set appointment, provide Meeting Room Link  2. CPN Reminder to Advisor Inform and remind to Advisors 3 days, 1 day and 1 hour before the Webinar session.  3. CPN Reminder to Participants Inform companies on the assigned date and time of webinar sessions, provide Meeting Room Link and send reminder to participants 3 days, 1 day and 1 hour before the Webinar session.
6.	<b>MONITORING CPN</b> 1. Ensure Advisor and Participants to enter Meeting Room 15 minute before the Webinar session. 2. Assist Advisors with familiarizing with the software.

	3. Technical support 4. Monitor webinar sessions
7.	<b>REPORT CPN</b> 1. Compile relevant information before, during, after session

## 6. SUGGESTION FOR FUTURE CHEMICAL PRODUCTIVITY NEXUS (CPN)

- Session can be carried out based on requiring issues on other matters. The advisors may tackle more issues in 1 single session
- Include sharing of best practices on established companies on the presented topics
- Upgrade webinar that could provide video playing or alternate to another platform for similar matter
- Could extend the duration on the technical preparation part to reduce any difficulties during the program
- Ensure advisors set to panellist on the software to prevent further confusion on the technical part