

PSPN WEBINAR FOR TECHNOLOGY ADOPTION SERIES 04

Session:	# 04												
Date	19 th November 2020, Thursday												
Topic	<p>Change Management Perspective and Roadmap for Successful Project Implementation</p> 												
Panelist	Ts. Louis Tay CS Ts. Louis Tay CS is the NGC member of MPC PSPN leading the engineering fraternity in the subject of Integrated Digital Delivery (IDD). He is a professional technologist and a member of Building and Construction (BC) TEP under TAM; specializes both in the subject of construction falsework and method engineering with adoption of advanced IBS, and, construction industry digital transformation and IDD with the adoption of Building Information Modeling (BIM). His company PLYTEC is the Malaysia Book of Records (MBR) holder as the first Malaysian company certified with the BIM standard of ISO19650-2.												
Synopsis	Digital revolution is the current driving force towards sustainability under the new economy spectrum. IDD is hence both an essential Value Added Service (VAS) and a potential Unique Value Proposition (UVP) that are critical to the success of a PSC. This paper elaborates how BIM adoption at high maturity level achieves IDD that empowers engineering fraternity to realize digital transformation of construction industry and productivity improvement.												
Webinar Team Management	<table> <tr> <td>Program Coordinator</td> <td>: Nicole Ong</td> </tr> <tr> <td>MPC Rep</td> <td>: Azhani / Halisa</td> </tr> <tr> <td>Speaker</td> <td>: Ts. Louis Tay CS</td> </tr> <tr> <td>Moderator</td> <td>: Ts. Chu WY</td> </tr> <tr> <td>Poster Design & Blasting</td> <td>: Nicole Ong</td> </tr> <tr> <td>Report Writing</td> <td>: Nicole Ong</td> </tr> </table> <div style="text-align: right; margin-top: 10px;">  <p>Sign mengetahui bahawa kerjanya telah dilaksanakan dengan semangat</p> <p>Ner Halisa Mohamad Halli Manager Delivery Management Office (DMO) Malaysia Productivity Corporation (MPC)</p> </div>	Program Coordinator	: Nicole Ong	MPC Rep	: Azhani / Halisa	Speaker	: Ts. Louis Tay CS	Moderator	: Ts. Chu WY	Poster Design & Blasting	: Nicole Ong	Report Writing	: Nicole Ong
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Participation	<p>Various participation from local ranging from private and government sector</p> <p>Registered : 30 Nos Attended : 23 Nos</p>																																																																																																																																																																																																																
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	<p>There were 4 questions asked by participants during the session. However due to the time limitation, panelists only able to answer 2 questions live in webinar.</p>																																																																																																																																																																																																																

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Ts Louis, from your opinion what are the priority items (process, people, technology, data) that we as owner should look at in the digital transformation?

Question and Answer

— □ ×

All questions (3) My questions (3)

You 11:30 AM

Change process is always a challenge to all, how can we encourage all the stakeholders, including clients, upstream supply chain partners, as well as our staffs to transform through digitalization process?

MPC ZOOM Business 1 (No Reply) would like to answer this question

You 11:38 AM

Digital transformation is a long journey and required investment, many people still wait and see the right timing to embark the digital journey. In your opinion, when is the right timing to start this process, especially the involvement in BIM, and how the contractors to start if the project initiator, i.e. developer, consultants are aware of the important of BIM.

Louis Tay 12:17 PM

past three years PSPN drive only one idea: adoption of BIM at early phase of project. We believe PS is the initiator, driver and motivator

Change process is always a challenge to all, how can we encourage all the stakeholders, including clients, upstream supply chain partners, as well as our staffs to transform through digitalization process?

MPC ZOOM Business 1 (No Reply) would like to answer this question

[Collapse all \(1\) ^](#)

Louis Tay 12:12 PM

MPC is advocating nationwide adoption of ISO standard as strategic driver for the transformation

Details of Question:

1. Change process is always a challenge to all, how can we encourage all the stakeholders, including clients, upstream supply chain partners, as well as our staffs to transform through digitalization process?

Answer: MPC is advocating nationwide adoption of ISO standard as strategic driver for the transformation.

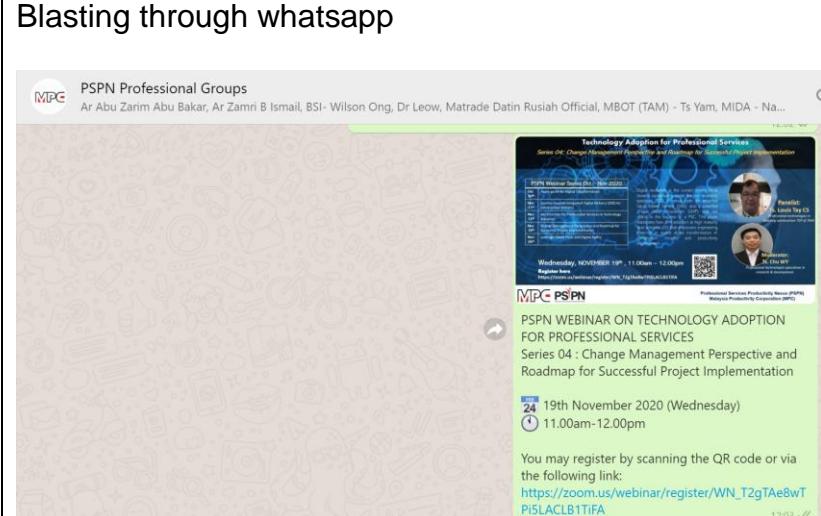
2. Transformation leadership makes change possible... how true is this assumption.

Answer: This is the truth, however nobody is born to know the future, and a leader can only guess what is the direction. Hence, a leader needs to be twice hardworking than his team to unlearn and relearn, and twice more courageous to take on this lonely journey.

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	<p>3. Digital transformation is a long journey and required investment, many people still wait and see the right timing to embark the digital journey. In your opinion, when is the right timing to start this process, especially the involvement in BIM, and how the contractors to start if the project initiator, i.e. developer, consultants are aware of the important of BIM.</p> <p><i>Answer: Past three years PSPN drive only one idea: adoption of BIM at early phase of project. We believe PS is the initiator, driver and motivator.</i></p> <p>4. Ts Louis, from your opinion what are the priority items (process, people, technology, data) that we as owner should look at in the digital transformation?</p> <p><i>Answer: Process.</i></p>
Area of Improvement	<p>Good practices of this webinar:</p> <p>1. Webinar evaluation via google form link, with sharing presenter slide by email after participants complete the evaluation.</p> <p> Zoom Webinar Chat</p> <p>From MPC PSPN Nor Halisa to All panelists and attendees: To all participants we welcome questions to our panelist, Ts Louis. Kindly post your questions in the Q&A ya..tq</p> <p>From Moderator: Ts Chu WY to All panelists and attendees: Ladies and Gentlemen, we'd appreciate it if you could fill in the evaluation form. Your feedback is important for us to improve in the future. Thank you.</p> <p>https://docs.google.com/forms/d/e/1FAIpQLS9ceFURKi1uX1Ku5BUI SqzoRppB0ka_j4mG07uTqNhQS4g/viewform</p> <p>From Moderator: Ts Chu WY to All panelists and attendees: EBIT = earning before interests and taxes and EBITDA = Earnings before interest, taxes, depreciation, and amortization</p> <p>Area of improvement of this webinar:</p> <p>1. To prepare a backdrop to promote MPC PSPN before the session.</p> <p>2. Play a background music while waiting to START.</p> <p>3. Start the webinar session with MPC introduction video.</p>
Blasting	<p>Blasting through email</p> <p>RE: MPC :PSPN WEBINAR on Technology Adoption For Professional Services - S...</p> <p> Nicole Ong To harrazhasbullah@gmail.com; syahmikhairi20@gmail.com; amirradzi@mida.gov.my; ainilyana29@gmail.com; yoghaaveeran29@gmail.com; +141 others Cc Azhanani Ismail; Nor Halisa Mohamad Halil</p> <p>   Fri 6/11</p> <p> You replied to this message on 10/11/2020 10:16 AM.</p> <p>  271 KB 272 KB</p> <p>Dear sir, You are cordially invited to join MPC PSPN Technology Adoption For Professional Services Series 02 – Journey Towards Integrated Digital Delivery (IDD) for Professional Services & Series 03 - Key Priorities for Professional Services in Technology Adoption.</p> <p></p> <p>PSPN WEBINAR ON TECHNOLOGY ADOPTION FOR PROFESSIONAL SERVICES Series 02 - Journey Towards Integrated Digital Delivery (IDD) for Professional Services.</p> <p>Wednesday, NOVEMBER 11th, 11:00am – 12:00pm Venue: Zoom Webinar Platform (Link: https://zoom.us/j/9220220182?pwd=QWp6aUJ4aUJ4aUJ4aUJ4aUJ4aUJ4aUJ4)</p> <p>Panelist: A. Louis Tay CS B. Ts Chu WY</p> <p>11th November 2020 (Wednesday) 11:00am – 12:00pm</p> <p>You may register by scanning the QR code or via the following link: https://zoom.us/webinar/register/WN_stu9q0qB2C0fzex_NtHe</p> <p></p>

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	<p>Blasting through whatsapp</p> 
	<p>Blasting through Facebook</p> 
Event on the Board	<p>Webinar start at 11.00 a.m. and ended 12.23 p.m. with 60 min presentation and 15 min Q&A.</p>

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Recording

Technology Adoption for Professional Services
Wednesday, NOVEMBER 19th, 11.00am – 12.00pm
Change Management Perspective and Roadmap to Successful Implementation

Panellist: Ts. Louis Tay CS
Professional technologist in building construction TEP of TAM.

Moderator: Ts. Chu WY
Professional technologist specializes in research & development.

Digital revolution is the current driving force towards sustainability under the new economy spectrum. IDD is hence both an essential Value Added Service (VAS) and a potential Unique Value Proposition (UVP) that are critical to the success of a PSC. This paper elaborates how BIM adoption at high maturity level achieves IDD that empowers engineering fraternity to realize digital transformation of construction industry and productivity improvement.

Louis Tay CS is the NSC member of MPC PSPN leading the engineering fraternity in the subject of Integrated Digital Delivery (IDD). He is a professional technologist and a member of Building and Construction (BC) TEP under TAM; specializes both in the subject of construction framework and method engineering with adoption of advanced BIM, and construction industry digital transformation and IDD with the adoption of Building Information Modeling (BIM). His company PLYTEC is the Malaysia Book of Records (MBR) holder as the first Malaysian company certified with the BIM standard of ISO19650-2.

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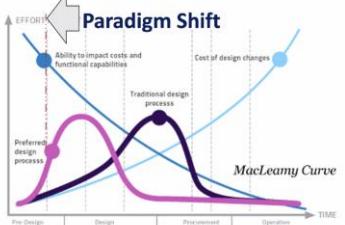
Register here: https://zoom.us/webinar/register/WN_T2gTAe8WPiSLACLB1TfIA

Audio Settings Chat Raise Hand Q&A Leave

Recording

IDD Enhances Work Process Efficiencies

Paradigm Shift



The graph illustrates the MacLeaney Curve, plotting Effort (Y-axis) against TIME (X-axis). It shows two curves: a pink curve for the 'Preferred design process' and a blue curve for the 'Traditional design process'. The pink curve is shifted to the left, indicating higher efficiency. A vertical dashed line marks the 'Cost of design changes'. The pink curve starts at a lower effort level than the blue curve and ends at a lower effort level, with a much steeper decline in the latter stages of the project.

MacLeaney Curve

Pre-Design Schematic Design Development Construction Documentation Procurement Construction Administration Operation

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Ts. Louis Tay CS louistay@plytec.com.my

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Recording

IDD Facilitates Seamless Digital Linkage

Fragmented Efforts



The diagram compares 'Fragmented Efforts' on the left, where multiple stakeholders (Executive, Facility Manager, Owner, General Contractor, Lawyer, Architect, Fabricator, Structural Engineer, Mechanical Engineer, Detailer) are interconnected by a dense web of lines, to 'Collaborated, Collectively Realtime on SST' on the right. The right side shows a central 'BIM' node connected to various stakeholders: Asset Administrator, Fabricator, General Contractor, Mechanical Engineer, General Detailer, Building Appraiser, User / Occupant, Authority, Management Consultant, Marketing & Advertise, and Maintenance & Service Vendor. The text 'Digital Transformation' is written across the connection between the two sides.

Collaborated, Collectively Realtime on SST

BIM

Fragmented Efforts

Collaborated, Collectively Realtime on SST

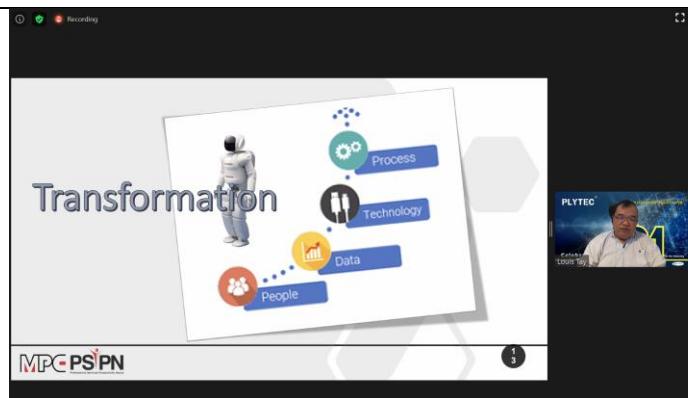
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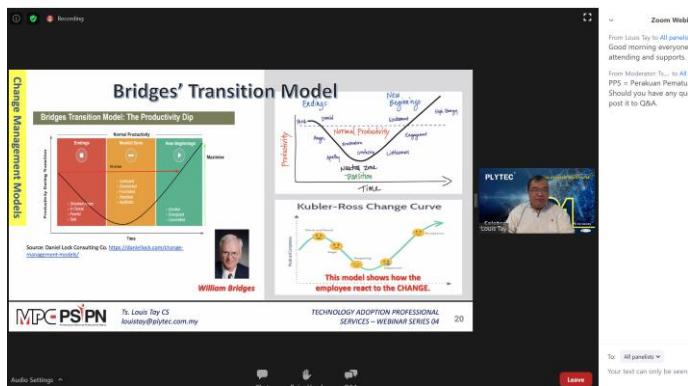
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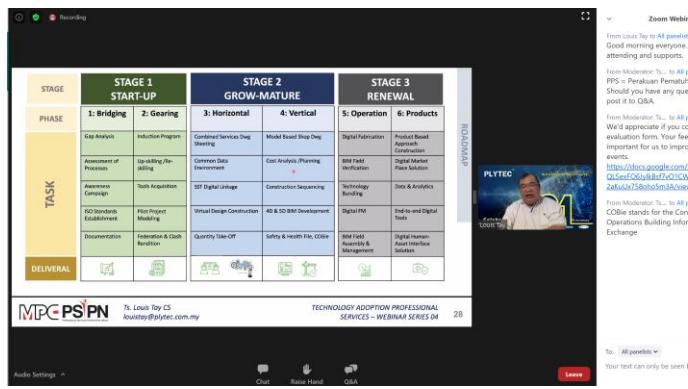
The diagram illustrates the concept of Transformation. It features a central figure in a white suit standing next to a path. The path is marked with three main concepts: Process (represented by a gear icon), Technology (represented by a person icon with a circuit board), and Data (represented by a bar chart icon). Dashed lines connect these concepts to a circular icon labeled 'People' at the bottom. The background is light grey with a large 'Transformation' text at the top.



This slide compares two models of change management. On the left, the 'Bridges' Transition Model' is shown as a graph of 'Productivity' over 'Time'. It highlights a 'Productivity Dip' and 'Rebound' phases. On the right, the 'Kubler-Ross Change Curve' is shown as a graph of 'Employee Reaction' over 'Time'. It includes stages: Denial, Anger, Bargaining, Depression, and Acceptance. A note states: 'This model shows how the employee react to the CHANGE.' The bottom of the slide includes the MPC PSiPN logo and the text 'TECHNOLOGY ADOPTION PROFESSIONAL SERVICES – WEBINAR SERIES 04'.



This slide discusses the 'Nine Industries Shift' driven by changing characteristics and emerging disruptions. It lists nine industries with their respective challenges and opportunities. The industries are: Construction, Manufacturing, Retail, Financial Services, Healthcare, Technology, Energy, Transportation, and Agriculture. The bottom of the slide includes the MPC PSiPN logo and the text 'TECHNOLOGY ADOPTION PROFESSIONAL SERVICES – WEBINAR SERIES 04'.



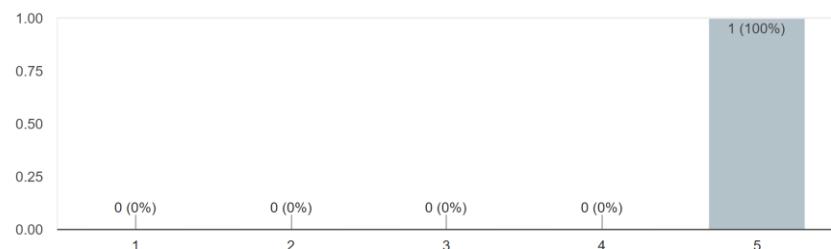
This slide details the 'Stages of Construction Project Management' across three phases: STAGE 1 START-UP, STAGE 2 GROW-MATURE, and STAGE 3 RENEWAL. Each stage is divided into sub-phases and tasks. For example, Stage 1 includes '1: Bridging' and '2: Gearing'. Stage 2 includes '3: Horizontal' and '4: Vertical'. Stage 3 includes '5: Operations' and '6: Products'. The bottom of the slide includes the MPC PSiPN logo and the text 'TECHNOLOGY ADOPTION PROFESSIONAL SERVICES – WEBINAR SERIES 04'.

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Evaluation Report

5. Overall, how satisfied are you with the program?

1 response

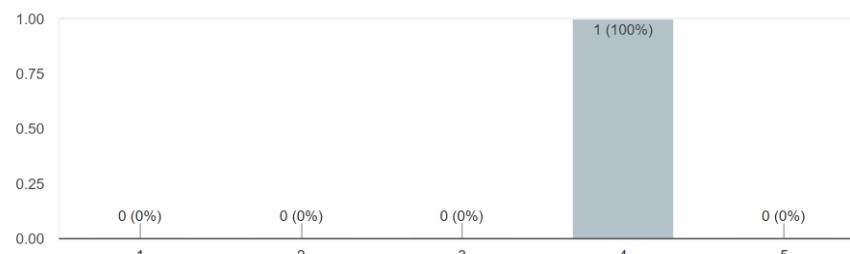


PROGRAM CONTENT

PROGRAM CONTENT

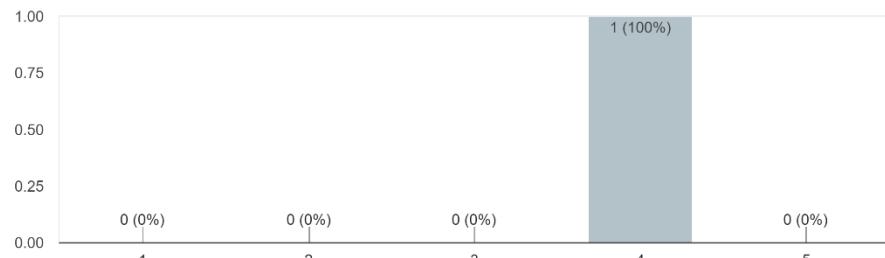
1. To what extent the objective(s) of attending the program has/ have been met?

1 response

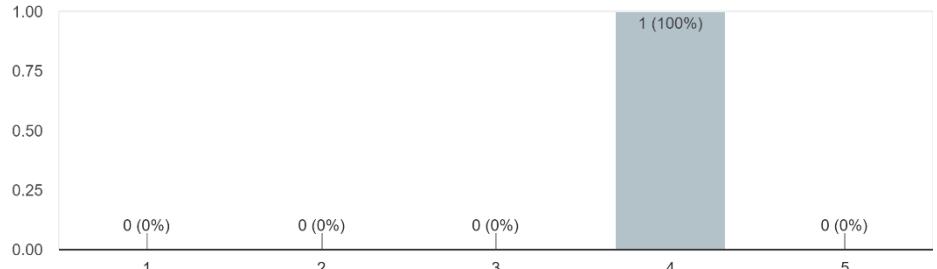
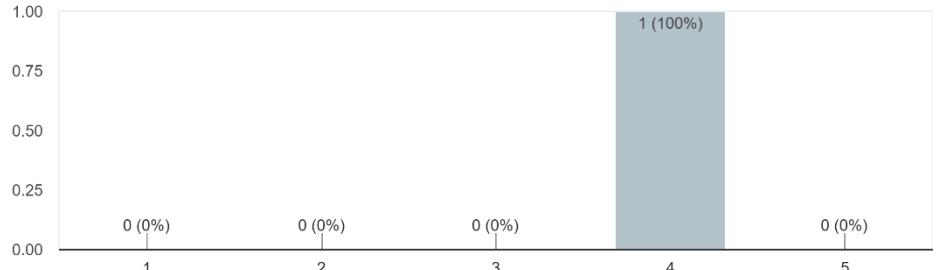
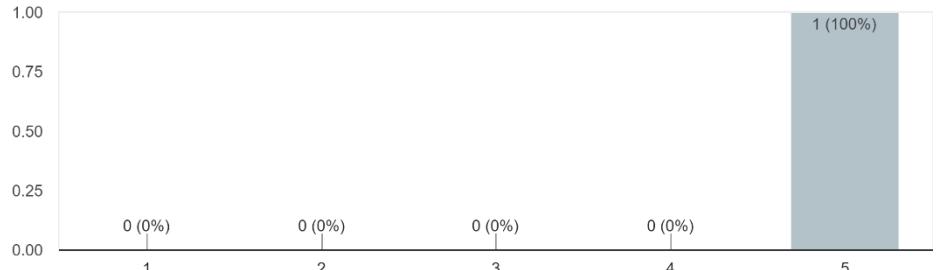


2. Has the program enriched your knowledge in the subject matter?

1 response



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	<p>3. Is the program contents useful and relevant to your business/work?</p> <p>1 response</p>  <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>100%</td> </tr> <tr> <td>2</td> <td>0%</td> </tr> <tr> <td>3</td> <td>0%</td> </tr> <tr> <td>4</td> <td>0%</td> </tr> <tr> <td>5</td> <td>0%</td> </tr> </tbody> </table> <p>4. Will it help you to be more effective in your work?</p> <p>1 response</p>  <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>0%</td> </tr> <tr> <td>2</td> <td>0%</td> </tr> <tr> <td>3</td> <td>0%</td> </tr> <tr> <td>4</td> <td>100%</td> </tr> <tr> <td>5</td> <td>0%</td> </tr> </tbody> </table> <p>5. This program is suitable to be recommended to others.</p> <p>1 response</p>  <table border="1"> <thead> <tr> <th>Response</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>100%</td> </tr> <tr> <td>2</td> <td>0%</td> </tr> <tr> <td>3</td> <td>0%</td> </tr> <tr> <td>4</td> <td>0%</td> </tr> <tr> <td>5</td> <td>0%</td> </tr> </tbody> </table>	Response	Percentage	1	100%	2	0%	3	0%	4	0%	5	0%	Response	Percentage	1	0%	2	0%	3	0%	4	100%	5	0%	Response	Percentage	1	100%	2	0%	3	0%	4	0%	5	0%
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3. Evaluation Form Link

https://docs.google.com/forms/d/e/1FAIpQLSexFO6JylkBsf7vO1CWoIKq3prGe_jKe82aKuUx758oho5m3A/viewform

Prepared by:

Nicole Ong

Program Coordinator

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