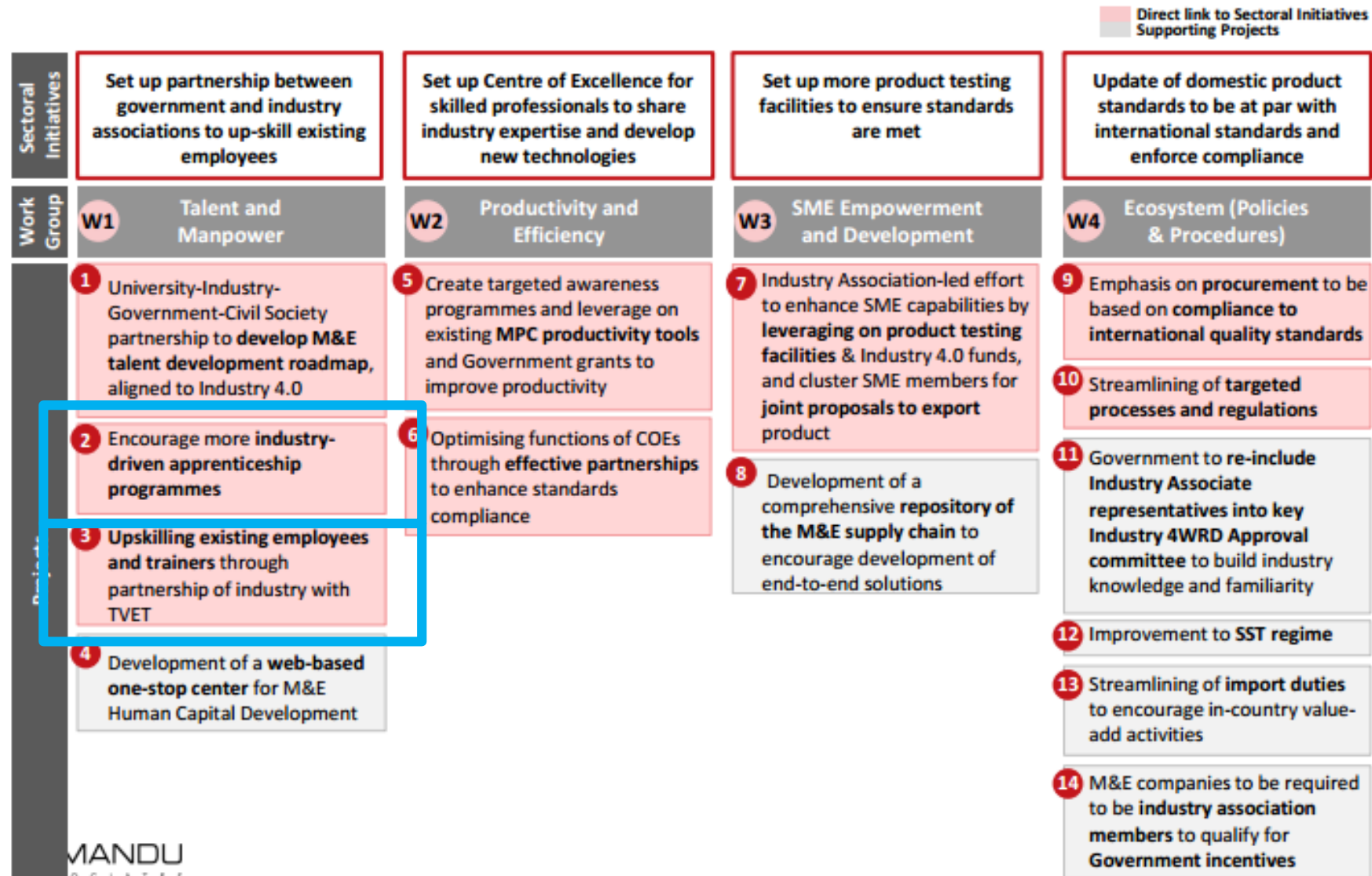


Industry Lean Apprentice

PREPARED BY: MEPN WG 1

The M&E Productivity Nexus working groups have identified a total of 14 projects for 2019-2020



Course title: Industry Lean Apprentice

Targeted group : SKM 3 students, Diploma and/or Degree students

Duration : 10 days (pre-internship/ apprenticeship program)

2 Encourage more industry-driven apprenticeship programmes

Expected outcomes :

- 1) To cultivate students to be Industry-ready graduates with high productivity awareness.
- 2) Enhancing the capabilities of future workforces in I4.0 transformation (Lean management is the prerequisite for the successful introduction of Industry 4.0 solutions).
- 3) A standard productivity linked training course which recognized by Industry associations, well known TVET institutions in Malaysia and the leading government agencies in productivity & talent development.
- 4) Ensure that the knowledge of TVET trainers in lean management meets the requirements of the industry and MPC. Successfully impart the knowledge to students.

3 Upskilling existing employees and trainers through partnership of industry with TVET

MPC's Existing Productivity Training Courses

1) Course name: Train the trainer – Industry Productivity Specialist (TTT-IPS)

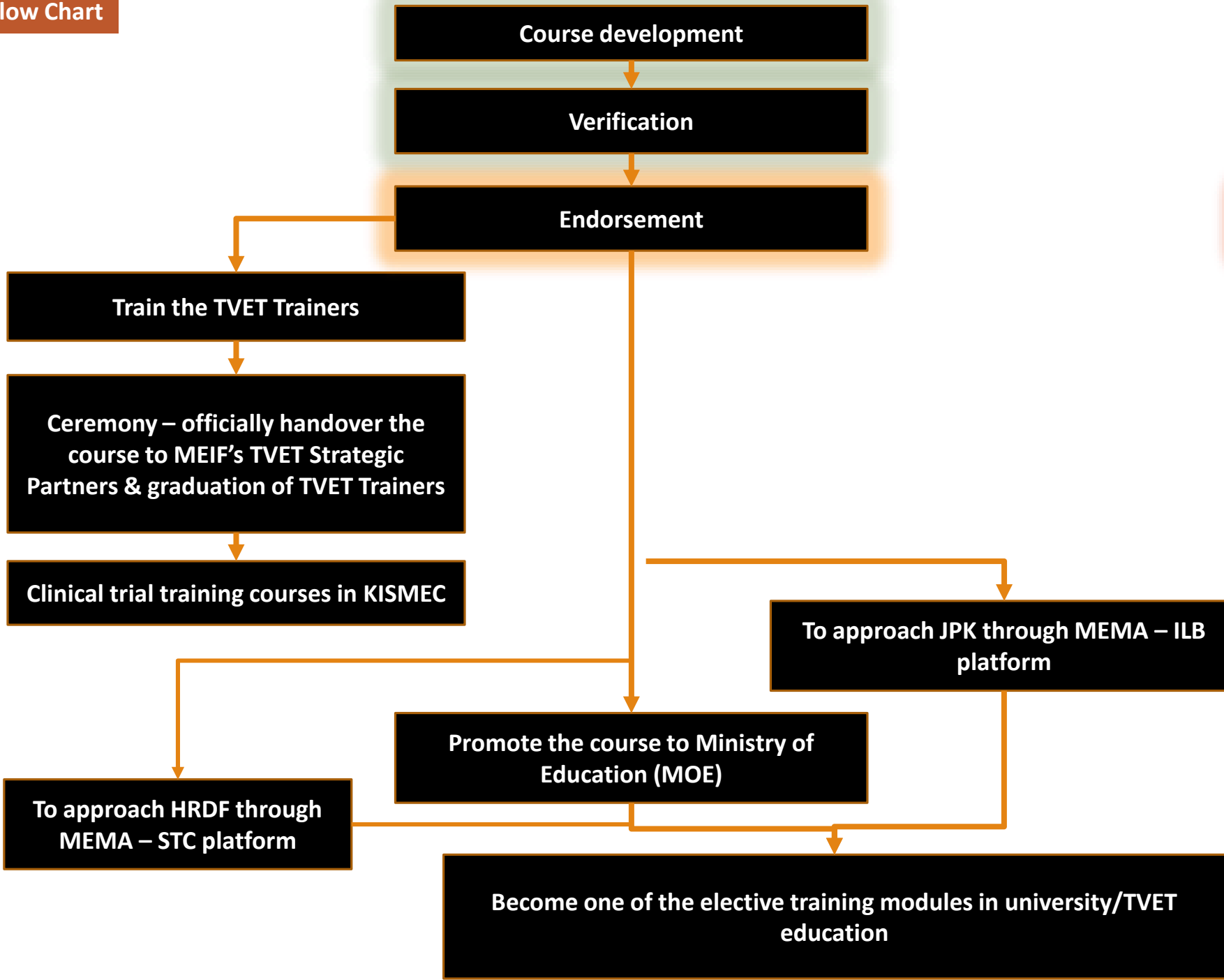
- Targeted group: Management level.

2) Course name: Industry Productivity Specialist (IPS)

- Targeted group: Industry player

3) Course name: Industry Lean Apprentice

- Targeted group: Future workforce



- Done
- 19 Aug 20 & 10 Sept 20
- 24 Sept 20
- End of October 20
- End of November 20
- Yr 2021
- Preliminary – 9 Sept 20
- Secondly – after endorsement
- Preliminary – 23 June 20
- Secondly – after endorsement
- Yr 2021

Thanks for your contribution.

NO	NAME	POSITION	ORGANISATION
1.	Mr. Sangaran A/L Narayanan	Secretary General	Machinery & Engineering Industries Federation (MEIF)
2.	Mr. Yoong Kee Sin	Advisor	Machinery & Engineering Industries Federation (MEIF)
3.	Mr. Chan Chee Tatt	HRD Manager	Favelle Favco Cranes (M) Sdn. Bhd.
4.	Mr. Tiong Khe Hock	Managing Director	Omron Electronics Sdn Bhd
5.	Miss Aminah Binti Mohd Taib	General Manager	Muhibbah Engineering Berhad
6.	Mr. Soo Kok Cheng (Ricky)	Consultant	RS Advisory Sdn. Bhd.
7.	Mr. Jaafar Bin Baidi	Executive Secretary	Machinery And Equipment Manufacturers Association (MEMA)
8	Mr. Chung Thim	Managing Director	Numac Machinery Sdn Bhd
8.	Mr. Asmawadi Bin Mohamed	Senior Manager	Malaysia Productivity Corporation (MPC) – Industry Training section
9.	Dr. Mazlina Binti Shafi'i	Senior Manager	Malaysia Productivity Corporation (MPC) – Machinery & Equipment Productivity Nexus (MEPN)
10.	Mr. Abdul Rahman Bin Kamis	Asst. Manager	Malaysia Productivity Corporation (MPC) – Machinery & Equipment Productivity Nexus (MEPN)
11	Dr. Shamsuri Bin Abdullah	Director Of TVET Coordination Division	Ministry of Education

Panels from Industry & Government agencies

NO	NAME	POSITION	ORGANISATION
1.	Mr. Asmawadi Bin Mohamed	Senior Manager	Malaysia Productivity Corporation (MPC)
2.	Mr. Thirumalai A/L Kuppusamy	Senior Consultant	Negeri Sembilan Skills Development Centre (NSSDC)
3.	Mr. Rudy Musnandar Bin Mohammad Said	Head of Operation	Kedah Industrial Skills and Management Development Centre (KISMEC)
4.	Mr. Chung Kam Hong	Associate Trainer	Kedah Industrial Skills and Management Development Centre (KISMEC)
5.	Mr. Ab Aziz Bin Ab Rahman	Manager	Selangor Human Resource Development Centre (SHRDC)
6.	Mr. Ahmad Tajuddin Bin Kassim	Manager	German-Malaysian Institute (GMI)
7.	Pn. Chua Yee Peng	Vocational Training Officer	Institut Latihan Perindustrian (ILP) Pedas
8	Mr. Abdul Aziz Bin Kimin	Deputy Director	Institut Latihan Perindustrian (ILP) Pedas
9.	Profesor Madya Dr. Kok Swee Leong	Associate Professor	Universiti Teknikal Malaysia Melaka (UTeM)
10.	Prof. Ir. Dr. Puvanasvaran A. Perumal	Professor	Universiti Teknikal Malaysia Melaka (UTeM)
11.	Mr. Fahizam Bin Saad	Managing Director	IWM Group Resources

Panels from MEIF's TVET Strategic Partners

Benefits to MEIF and its association members





Strengths: IR 4.0 technologies and others



Strengths: Mechatronic & others



Strengths: PLC, OEE, Robotic and others



Universiti Kuala Lumpur
Malaysia France Institute
(UNIKL MFI)

Strengths: Welding and others



(Strengths: Mould and Die, Electrical, Mechanical)



(Strengths: Fabrication Fitter, Machining)



(Strengths: Electrical, Mechanical and IR 4.0 technologies)

- 1) Create a platform for MEIF's association members to approach MEIF's TVET Strategic Partners. Express your expectation, modify training content, take a baby steps to close skills gap between supply and demand of talent.
 - MEIF's TVET Strategic Partners cover nearly 90% of M&E's job areas.



2) An effective talent acquisition method.

4 innovative methods to screen and evaluate candidates.

- Simulation games --- To observe reaction of students/ candidates – fit your company’s culture;
- Competency test --- To test learning attitude of students;
- Case study --- To observe problem solving skills of students;
- Field trip --- presentation and observation skills of students.

Sample of certificate



- 3) Reduce the cost of human capital development for hiring companies.
 - Productivity related training courses.
 - Technical skills.
- 4) The name of industry associations will be deeply imprinted in the memory of students, candidates and TVET trainers/ lecturers.

The competent students/ trainees (current workforce) will be awarded a certificate of competence which issue by MPC & MEIF (MEPN).

- 5) It successfully generate income of RM 16,000 to MEIF. RM 4,000 has been transferred to MEIF's account.