

STRATEGIC PLAN

BOARD OF ENGINEERS MALAYSIA (BEM)

2021

2025

01

THEME

ENHANCE THE VALUE OF THE ENGINEERING PROFESSION



Strategy

Promote delivery of engineering services to tap into Global Value Chain

Description

Enhancing the value of engineering profession through a strategy; *promoting delivery of engineering services to tap into Global Value*, is aimed to enhance further the standard of registered persons and engineering entities to international level and tracking their performance using database and knowledge management. Ramping up the promotion of engineering experts and the engineering entities at the global level is thus inevitable. The global involvement of registered persons is leveraged through them meeting the EAC and ETAC accreditation standards at the entry level and having qualified professionally at the international level.

Expected Outcome

Visible at international platform (Individually and Organisations)

Initiatives



Raise the standard of engineering education, training and skill development to meet stakeholder expectations

T1.1



Develop databases of engineering experts for the purpose of national and international advisory and consultancy services

T1.2



Conduct outreach program with all stakeholders on the roles and function of BEM

T1.3



T1.4



Promote professional registration to meet developed nation status



Conform to international best practices among professionals

T1.5



02

SAFEGUARD PUBLIC SAFETY, HEALTH & INTEREST



Strategy

Promote the highest level of integrity, responsibility and accountability within the engineering fraternity

Description

A strategy to promote BEM's core values, integrity, responsibility and accountability, and internalising them within the engineering fraternity, is pivotal to *safeguarding public safety health and interest*. This would be undertaken through collaborative activities with organisations responsible directly on safety, health and environment and also through promoting industry best practices and good governance in these areas.

Expected Outcome

Adoption integrity pledge to drive a shift in Safety, Health & Environment (SHE) culture.

Initiatives

Collaborate with relevant local and international authorities and agencies to develop/promote best practices for safety, health and environmental sustainability and disseminate the guidelines via effective channels within Malaysia

T2.1



Collaborate with Malaysian Integrity Institute or other relevant bodies to develop/promote guidelines on professional ethics and integrity for Engineering Profession and disseminate them to all engineering fraternity via effective channels within Malaysia

T2.2



T2.3

Develop criteria and process for rewarding organizations that adopt best Safety, Health & Environment (SHE) practices for yearly reward to reinforce positive organizational behaviours.



03

THEME

ASSERT LEADERSHIP OF ENGINEERING PROFESSION NATIONALLY & INTERNATIONALLY

Strategy

Empower engineering professionals to gain industry leadership role.


Description

Asserting the leadership of the engineering profession through a strategy; *empowering engineering professionals to gain industry leadership role*, calls for a proactive approach to thrust engineering personnel to leadership positions at national and international levels. Registered persons would be ushered to be actively involved in determining policies, directions and engineering agendas.

Expected Outcome


10 fold increase in engineers take on leadership positions nationally and internationally.

Initiatives



Strengthen education, training, ensure competency (technical and non-technical) and take the lead in engineering alliances and talent management

T3.1




Create platforms for industry collaboration to enhance networking and mobility of professional engineer

T3.2



T3.3



Engage with Government and industry to promote leadership of engineers is asserted in engineering related companies

04

THEME

ENHANCE **PUBLIC IMAGE & BRANDING**

Strategy

Enhance engagement with stakeholders to raise stature of engineering profession

Description

Enhancing BEM's public image and brand via a strategy; Boosting *engagement with stakeholders to raise the stature of engineering profession*, would strengthen BEM as a principled and empathised regulatory body. Managing perceptions through effective communication and providing prompt and accurate information are thus fundamental.

Expected Outcome

Transformation to become principled and empathy authority

Initiatives

T4.1

Enhance BEM brand



05

THEME



PROMOTE ENGINEERING TVET

Strategy

Lead in promoting engineering technologists and engineering technicians

Description

Strengthening engineering technology, a new domain within the Engineering fraternity, is essential to promote the development of engineering technologists and engineering technicians. Considerable engagement is crucial with the various stakeholders in order to give due recognition to the complementary roles of engineering technologists and vital supporting roles of engineering technicians, as promulgated in the REA.

Expected Outcome

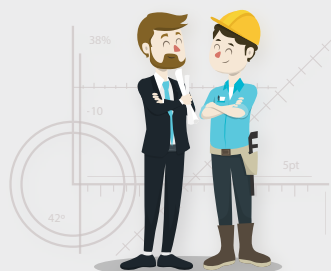
80% of IHL having accredited programs with ETAC and 5 fold increase registration of Engineering Technologist and Inspector of Works

Initiatives




Implement outreach activities to engineering TVET providers (institutes), owners (ministries) and other stakeholders

T5.1



Enhance collaboration and partnership with other associated parties such as MoU with organizations like MBOT, JPK-NOSS, MYSET, IEM, TAM and COWAM

T5.2



Establish engineering TVET competency standard.

T5.3



Conduct research and studies on engineering TVET, with respect to the engineering team.

T5.4





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