

STRATEGIC PLAN 2015-2019

OUR CONSTITUTION:

Mission: ‘To create economic and social impact by advancing engineering education, research and scholarship on behalf of Australian

Objectives:

- **Promotion:** To provide a forum for Australian leaders of engineering education to discuss matters of mutual concern and national importance, thereby contributing to matters such as raising general community awareness on the need for and value of high-quality engineering education, research training in the higher education sector.
- **Engagement:** To further the interests of engineering education and research in the higher education through engagement and outreach with relevant national and international bodies, particularly EA, AaeE and NZCED
- **Policy:** To develop positions and make statements on relevant issues in response to government inquiries and concerns of professional and industry bodies, and to the media and the general community
- **Projects:** To initiate and conduct reviews and projects consistent with its mission. This would include monitoring the state of engineering education and scholarship, benchmarking programs and resources and the quality of outcomes
- **Leadership:** To support the development of leaders of engineering education and research within the faculties and schools.

The following table has been generated from the one-day Strategic Planning day by the Exec. It is my interpretation of the many discussion points raised? There are also many questions that have not been answered.

| | Strategic Directions | Actions |
|-----------|--|---------|
| Promotion | <ul style="list-style-type: none"> • To maintain an effective website in terms of content [eg policy positions, project outcomes, links to external bodies eg GEDC, ATSE, EA, etc] • To provide a forum for engineering educators to share information, discuss matters of concern, for example through ADTL network and AaeE conference • To provide a forum for the ADR Network to share research training ideas and to promote research output • Need to promote the outcomes of all projects, especially those that we fund, eg e-portfolio, sharing of resources, enhancing industry engagement with academia • Need to promote engineering through the STEM pipeline from primary and secondary schools. • To increase the participation rate of females in engineering threefold. | |

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| Engagement | <ul style="list-style-type: none"> • To develop and/or maintain links to kindred bodies such as EA, ATSE, NZCED, ACDICT, • To maintain links with engineering education bodies internationally such as IFEEES, GEDC, SEFI, ASEE, • To develop and maintain links with Govt bodies such as Office of Chief Scientist, Dept of Education (HESP), Dept of Industry, Office of L&T, TEQSA, AusIndustry, CEDA, Consult Australia, • To develop and maintain links with industry bodies such as AiG, Business Council of Aust, Warren Centre, • For our own members, should we have say a quarterly newsletter that includes info from GEDC, IFEEES, ASEE etc?? – This information could be uploaded onto an effective website. • Should we meet with Execs of ACSO, AMSI, ACDICT, ACED to discuss STEM reports (from OCS)? | |
| Policy | <ul style="list-style-type: none"> • To develop position papers (maybe one page) on relevant issues/concerns – probably in conjunction with other bodies such as ATSE and EA • To support OCS in promoting National STEM strategy. • To develop strategies for research excellence (eg ERA), research training (prof doctorate) • To develop a policy and/or position paper on better interaction between academics and industry (note R King and S Male report), academic internships and vice versa? • To develop a policy for Student Vacation requirements with EA ie guidelines to include eportfolio + reflective journal | |
| Projects | <ul style="list-style-type: none"> • Identify projects (short-term and long-term) that may impinge upon members' functions and operations – Note that some projects will be commissioned and others will be sought. • To continue production of engineering statistics each year (data from DoE) | |
| Leadership | <ul style="list-style-type: none"> • To support financially and otherwise our ADTL network, our ADR network and AaeE. • To support innovations in relevant fields, eg new methodologies for education, research training, • To promote academic membership of EA (work with EA Connect) • To support the Australian Institute for STEM Education [Curtin, Monash, Sydney and UWA] – “STEM teacher enrichment academy” | |