

## Regional Update: Young Engineers Australia

Nicole Brown – Australian Representative August 2020

## Engineers Australia (EA)

### **Our Purpose**

 To advance the science and practice of engineering for the benefit of the community.





#### THE PROFESSION



#### 1. Future ready

The engineering profession and EA will be positioned for the future of work



#### 2. Impactful leadership

Trusted voice of the profession impacting public policy for benefit of the community





### THE MEMBERSHIP



#### 3. Chartered aspired

Current and future engineering professionals will aspire to be Chartered



#### 4. Membership valued

Membership of Engineers Australia is valued by the profession

### **6 Strategic Shifts:**

Our 3-year focus sets EA up to deliver on our strategic goals and our purpose across 3 areas of influence: the profession, the membership and the organisation.

### THE ORGANISATION



#### 5. Easy to do business

Services are streamlined to deliver simply, efficiently and effectively



#### 6. High performing

Volunteers and employees feel appreciated and valued

## What is Young Engineers Australia (YEA)?

- YEA is currently the single largest sub-group within EA, with a membership base comprising of over 40,000 young engineers nationally.
- The group has now been established for over 25 years, with a local committee in each of EA's 9 divisions.
- A young engineer is considered to be any member of EA that is currently completing or has completed a tertiary (Uni or TAFE) engineering qualification, and is between the ages of 18 and 35.





### Young Engineers Australia

### **Vision**

 To be an influential voice in our profession and the leader among young professional bodies.





### Young Engineers Australia

### **Mission**

 YEA exists to represent, support and provide a voice for the young engineering team. Through a culture of innovation, integrity, and the pursuit of excellence, YEA facilitates the professional and personal development of our membership. This establishes engineers as highly respected members of the community.



**Engineers** 

## **YEA Chapters**





### YEA Events 2020:

Examples of some of the broad range of events delivered:

- Large scale events:
  - EA Welcome to Graduates Reception
  - Registration of Engineers Event
- Social events:
  - YEA Engineers vs Trivia
  - Projects in the Pub
- Professional Development Presentations:
  - Welcome to Work
  - Navigating Ethics in the Engineering Industry
  - Outside of Engineering/Life Skills
  - Pro-bono Engineering
  - Leadership Negotiation Intelligence









## Example: YEA Victoria Case Competition

The (hypothetical) Challenge: upgrading the 142-year-old Queen Victoria Market

- Considerations:
  - Establish the 'market of all markets'
  - Maintain community meeting space
  - Create a quintessential Melbourne experience
  - Environmental efficiency (6 Green Star Rating in Australia)
  - Adhere to heritage guidelines



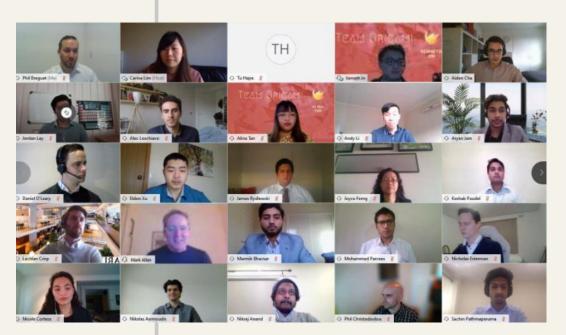


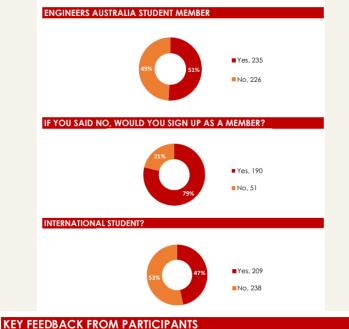


### Example: YEA Victoria Case Competition

#### **Statistics:**

- 480 engineering students competing
- 127 teams
- 90 submissions (71% retention)
- 10 days
- Top 5 presented in a virtual "pitch style" event
- 1 team winner: \$1,000 and one great experience!







What participants have said on LinkedIn...

Thanks YEA-V for the opportunity to apply some of the knowledge I Have gained during my studies. I genuinely look forward to participating in more activities like this.

Would you recommend this case competition to others?

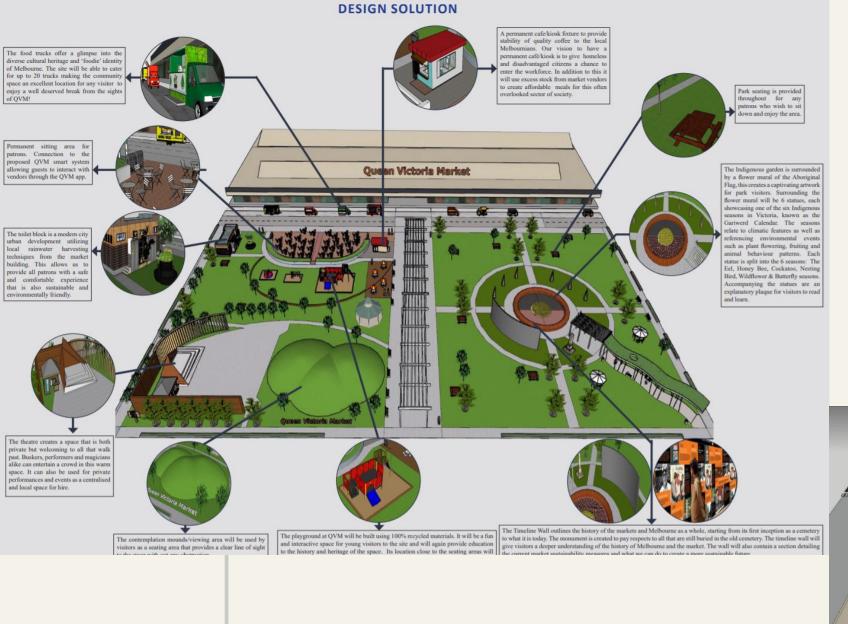
The collaboration has taught me how multi-disciplines could bring to the birth of creativity. We learned quite a bit about the submission of tenders, sustainable design and time management We are really proud of our proposal - I look forward to participating in more extracurricular activities Indeed a great learning experience and exposure to real-world challenges! I would like to thank YEA-V for putting together this case competition!

It has also improved my understanding of Green Star for communities.

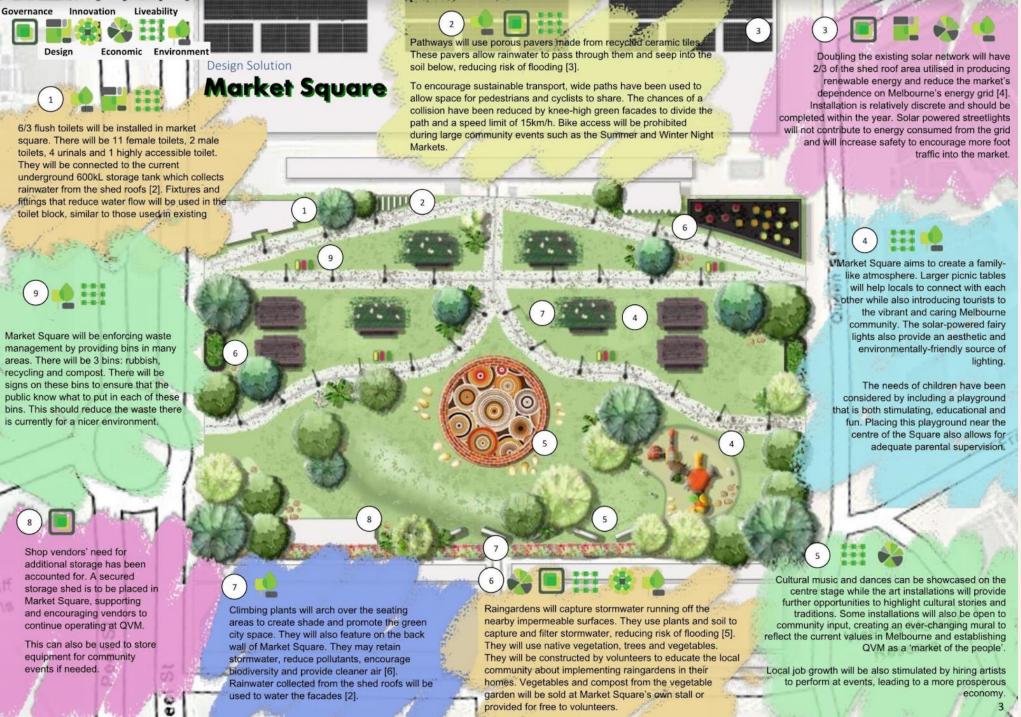












provided for free to volunteers.

Rebrand of YEA; consistent across all platforms and used in targeted event marketing

development content for young engineers

Young
Engineers

IN 2021

**Australia** 

Increase the voice of the Young Engineers in national discussions

Restructure of YEA National to provide more support to members

Nationally driven

professional





# Thank you!

To find out more, please contact Nicole through LinkedIn: https://www.linkedin.com/in/nicolebrown56/