

Supported by



MINISTRY OF HIGHER EDUCATION

Secretariat

dream
CATCHER



Technology Partners



Design Challengers



Supported by



MAGIC
MALAYSIAN GLOBAL INNOVATION AND CREATIVITY CENTRE

MDEC



CAD VISION
SYSTEMS
A JV WITH ATE

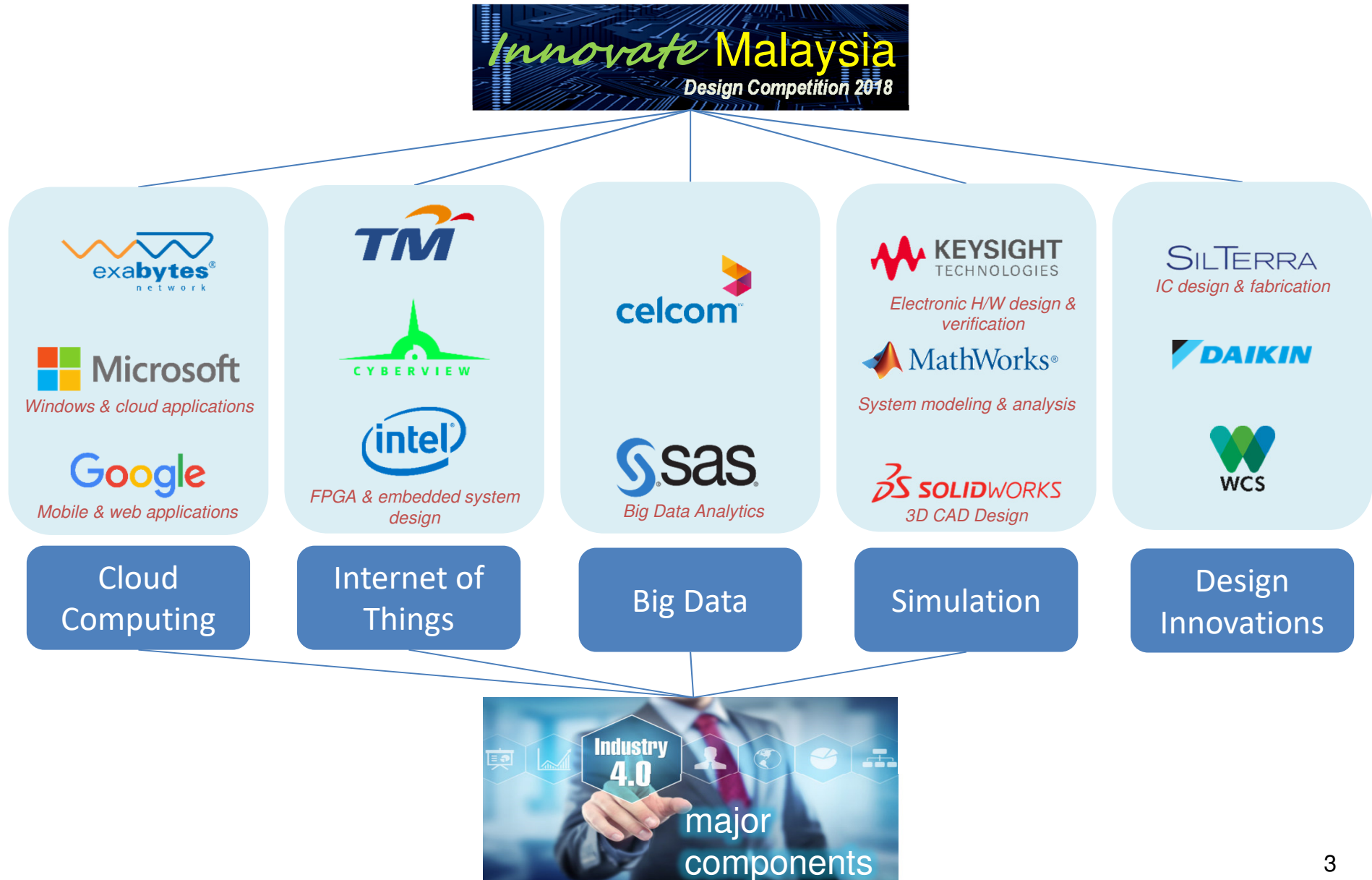
TECHSOURCE
Dynamic Solutions. Precise Results.

Overview

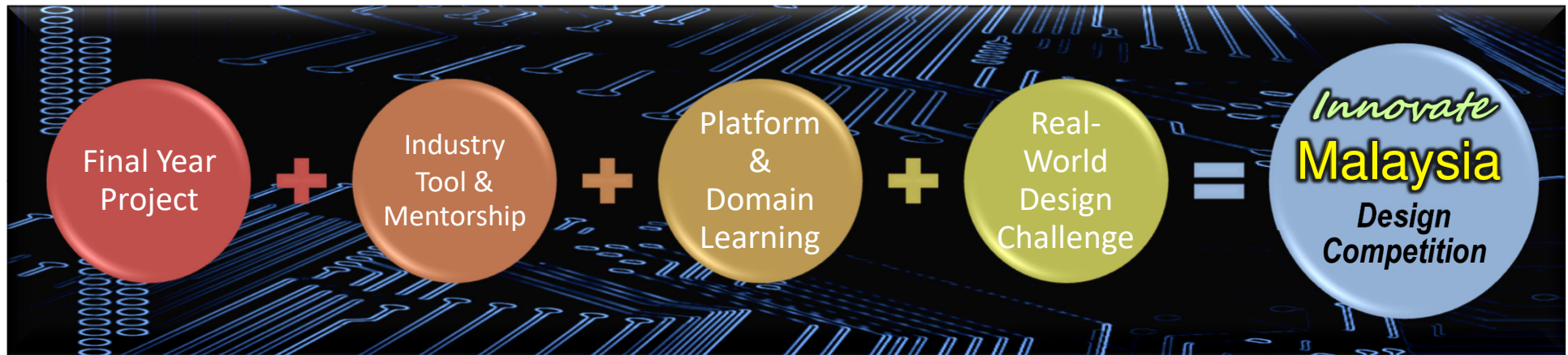


<https://youtu.be/31MF5mvhjQ>

Driving towards Industry 4.0



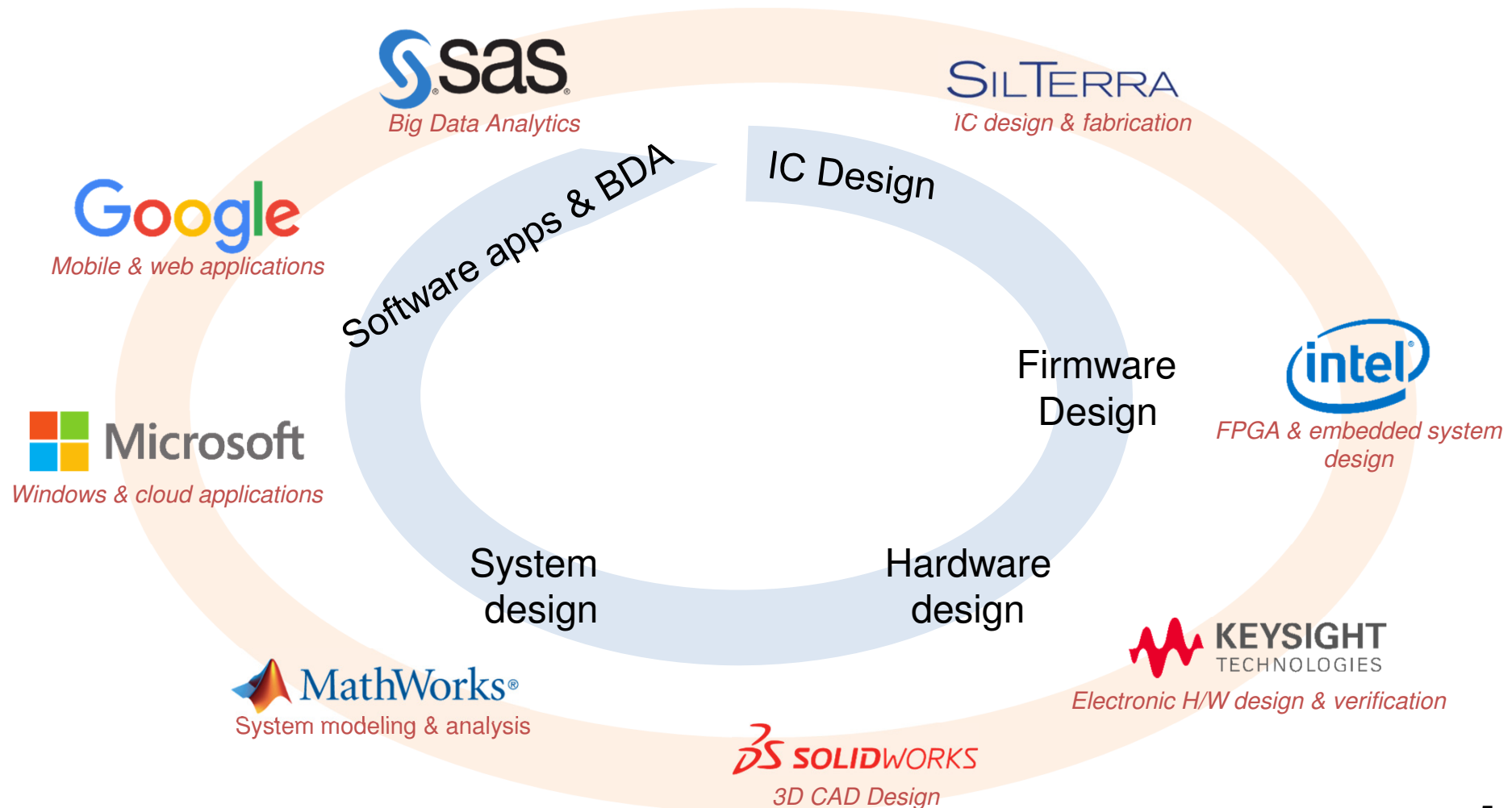
About Innovate Malaysia



- Largest undergraduate technological design competition in Malaysia
- Open to degree students
 - in E&E/mechatronics/mechanical/software engineering, computer science, IT, and science/mathematics.
 - graduating/completing studies before early 2019.

Technology Tracks

Participants may choose one of the technology tracks as platform to implement their competition projects, they will be supplied the hardware/software tools.

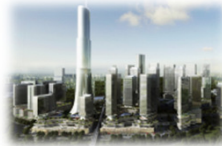


Design Challenges

Participants may choose one of the Design Challenges as their project topic in the competition, they will create solutions to tackle the problems posted.



Customer Experience



Smart city



Smart aircond



Intelligent web hosting



IoT (Internet of Things)



Wildlife conservation

Technology Tracks vs Design Challenges

Teams can tackle a design challenge using any suitable technology track.

Design Challenges						
Technology Tracks		Daikin <i>smart cooling</i>	WCS <i>Wildlife conservation</i>	TM <i>IoT</i>	Exabytes <i>Intelligent web hosting</i>	etc.
	Intel <i>embedded system design</i>	Smart aircond filter cleaning		Community interactive digital signage		...
	Keysight <i>electronic H/W design & verification</i>		Smart electrical fence	Energy harvesting system for IoT device		...
	Microsoft <i>Windows and cloud solution</i>	IoT-based aircond management system			Intelligent web security system	...
	SAS <i>Big Data analytics</i>		Real-time forest monitoring using cloud technology		Business intelligence analytics system	...
	etc.

Benefits to Participate

- supplied state-of-the-art **industry technology platform** for your final year project
- **acquire skills** on technology platform, technical competency, industry domain knowledge, & design innovation.
- receive project **mentorship** from industry experts
- **gain exposure** to real-world problem by taking up Design Challenge
- priority access to **high-value jobs** offered by participating companies
- **challenge** yourselves, **prove** yourselves, and **benchmark** yourselves, graduate with pride
- showcase your talent, **distinguish yourselves** from others!
- chance to win multiple **attractive prizes**

Competition Timeline

- 4 Sept 2017 Open for registration
- 9 Oct 2017 Project [proposal](#) submission deadline
- 24 Oct 2017 Announce shortlisted entries
- Oct 2017 - May 2018 Project implementation
- Nov – Dec 2017 Platform and Domain Learning
- Mar 2018 Mid-point clinic
- 16 Apr 2018 Project poster submission
- 28 Apr - 12 May 2018 Regional competitions (northern, central, southern, eastern)
- 9 Jul 2018 Grand Finale

Prizes

- **Technology Track Prizes**

Cash prizes (total of RM10k / track) plus items are awarded to 5 finalists from each technology tracks. Judging by respective technology tracks' companies.

- **Design Challenge Awards**

Cash prizes (RM3k each) or equivalent are offered to winners for each Design Challenge. Judging by respective Design Challengers.

- **DreamCatcher Best Demo Video Award**

This award is opened to teams qualifying to the competition grand finale. Winner will be selected among top 5 demo videos getting highest likes in Facebook.

- **Innovate Malaysia Excellence Award**

This is the overall winner award selected among the first prize winners of each technology tracks. Team of judges consists of representatives from government agencies, professional body, and industry.

Judging

- Judging is done by technical experts by the organizing technology companies.
- Three rounds of judging:
 - Qualification: Project proposal screening to qualify teams to enroll into the competition.
 - Semi-final: Face to face presentation and project demo to qualify 5 finalists to enter Grand Finale.
 - Final: Face to face presentation and project demo to determine winners.
- Each technology track will award first prize, second prize, and third prize.
- Judging criteria:
 - ❖ 30 marks - Innovation
 - ❖ 20 marks - Specification or Validation plan
 - ❖ 10 marks - Practicality
 - ❖ 10 marks - Complexity
 - ❖ 30 marks - Working design



Call for Participation!

Registration Deadline: 24 October 2017



Sign up:

<http://innovate.dreamcatcher.asia/>

Enquiry: innovate@dreamcatcher.asia



<https://fb.com/innovatemalaysia>