

# ENGINEUITY 2019



## COMPETITION REVIEW



# The Global Challenge



The **ENGINUITY 2019** Competition gave participants the opportunity to experience the challenges that face their corporate management on a daily basis, and pitted them against their colleagues and peers from around the world in a unique business management challenge.

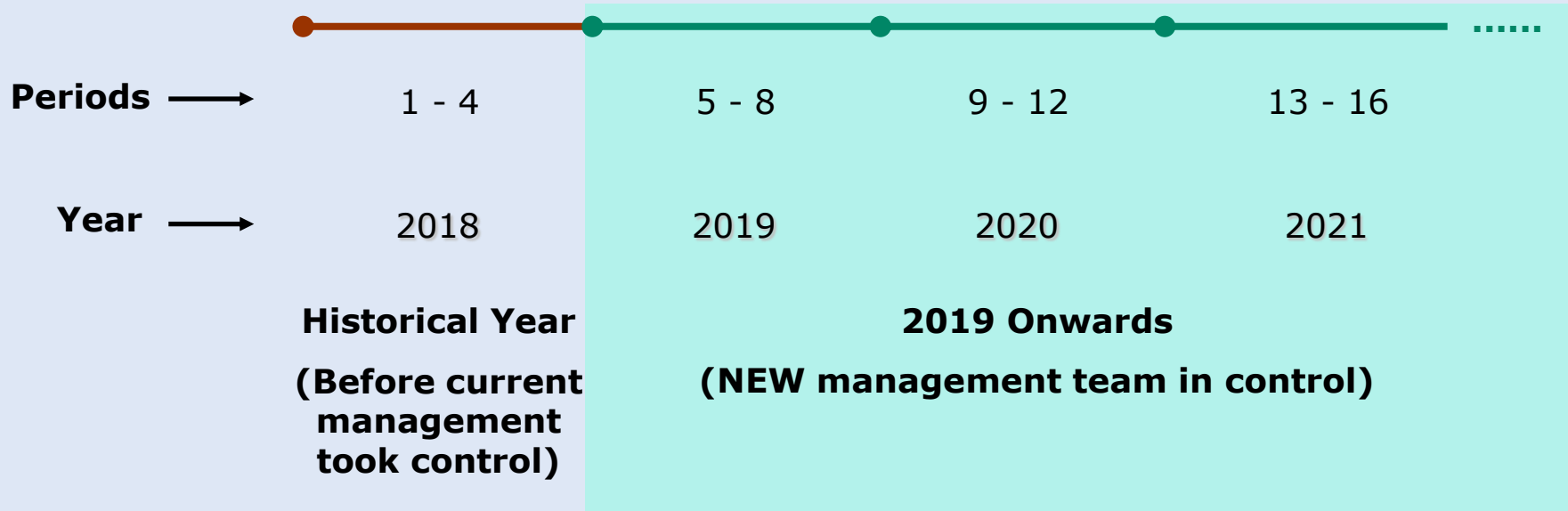


Using a sophisticated computer simulation, competing teams were given the task of managing a fledgling UK-based global construction business from 2019 onwards.

## STRATEGY AND DECISION MAKING

To be successful, each management team needed to devise an effective business strategy to grow their business, making decisions in a number of key areas, including finance, marketing, overheads, procurement and job progression.

Decisions were made for a period, representing 3 months, or a quarter, in the real world.





# Teams Taking Part



## TEAMS

190 teams from  
Around the globe.

## SPONSORS

AECOM  
Amey Consulting & Rail  
Arcadis  
Arup  
Atkins  
Aurecon  
Balfour Beatty  
Buro Happold  
Cardno  
Costain  
Cundall  
Currie and Brown  
Gardiner & Theobald  
Hatch  
Highways England  
Hurley Palmer Flatt Group  
Jacobs  
J Murphy & Sons  
Laing O'Rourke  
Lend Lease  
Mott MacDonald  
Parsons  
PBA, now part of Stantec  
Pell Frischmann  
Ramboll  
RDCL  
Robert Bird Group  
Scottish Water  
Stantec  
The Clancy Group  
Tony Gee and Partners  
Transpo Group  
WSP  
WSP Opus

## LOCATIONS

Australia  
Bahrain  
Canada  
Holland  
India  
Indonesia  
Mongolia  
Philippines  
Poland  
Qatar  
South Africa  
UK  
United Arab Emirates  
United States  
New Zealand



# Preliminary Rounds



## THE PRELIMINARY ROUNDS

During the 8 weekly Preliminary Rounds, which took place between March and April, each team played independently in their own 'virtual' world, competing for work against simulated rival companies, each with their own bidding strategies.

12 teams qualified for the Final, with defending champions WSP well represented again, but teams from Arcadis, Hatch, Jacobs, Lend Lease, Mott Macdonald, Parsons Corporation, PBA now part of Stantec and the Robert Bird Group were all hoping to become first-time winners.

The finalists were spread globally, with 5 teams from the UK, 4 from the United States, 2 from Australia and 1 from New Zealand, and it was the closest it had ever been between the teams going into the Final, with just 96 points between them.

Position	Name	Sponsor	Location	Total KPI
1	Capitol Based	Parsons	United States	2,141
2	Jersey Geoengineers	Parsons	United States	2,135
3	Plant-Based	Parsons	United States	2,119
4	JPN^2 International	WSP US	United States	2,105
5	Shear Incompetence	Arcadis	Australia	2,102
6	Robert Bird Group Aotearoa	Robert Bird Group	New Zealand	2,091
7	J-TEAM	Jacobs	UK	2,090
8	Safe As Houses	Lend Lease	UK	2,079
9	39 with 2	WSP UK	UK	2,054
10	Mott's Tunnellers	Mott Macdonald	UK	2,048
11	Baby Got Hatch	Hatch	Australia	2,047
12	Stan Together	PBA, now part of Stantec	UK	2,045
13	LORA THE EXPLORA	Laing O'Rourke	Australia	2,037
14	North Sea Tigers	Atkins	UK	2,030
15	A Suitably Creative Team Name	WSP US	United States	2,022

**The top of the League Table at the end of the Preliminary Rounds**



# The Final



## THE FINAL

The final was played over a further 6 rounds during two weeks in early May, enabling the teams to take part in the final from wherever they were located, and giving them enough time between each round to make considered and effective decisions, and reflect upon and refine their strategies.

During the final the teams competed 'head to head' directly against each other. This created an even more uncertain and pressurised environment in which the skills and team dynamics formed in the early years were really put to the test.

The final saw lots of ups and downs, but ultimately it was **"Capitol Based"** from **Parsons (United States)** who deservedly emerged victorious as the **ENGINEUNITY 2019 Champions**.

Position	Name	Sponsor	Location	Total KPI
1	Capitol Based	Parsons	United States	2,692
2	Jersey Geoengineers	Parsons	United States	2,610
3	JPN^2 International	WSP US	United States	2,609
4	Plant-Based	Parsons	United States	2,393
5	Robert Bird Group Aotearoa	Robert Bird Group	New Zealand	2,372
6	Safe As Houses	Lend Lease	UK	2,329
7	Shear Incompetence	Arcadis	Australia	2,319
8	39 with 2	WSP UK	UK	2,277
9	Stan Together	PBA, now part of Stantec	UK	2,248
10	Mott's Tunnellers	Mott Macdonald	UK	2,221
11	J-TEAM	Jacobs	UK	2,152
12	Baby Got Hatch	Hatch	Australia	2,091

The Final League Table



# The Champions



The Champions

**"Capitol Based"** from

**Parsons (United States)**

with their awards.

Each member of the winning team :-

**Caroline Rice**  
**Brian Pourciau**  
**Aaron Mihalik**  
**Joseph Cirafici**

received a cash prize, engraved crystal award and certificate of achievement.







# The Runners Up



The Runners Up

**"Jersey Geoengineers"** from  
**Parsons (United States)**

with their awards.

Each of the runners up :-

**Tim Ultee**  
**Pravin Punamiya**  
**Jayme Lynch**  
**Ragini Sharma**  
**Sudipta Ghorai**  
**Adam Westcount**

received a cash prize, engraved crystal award  
and certificate of achievement.





# All Finalists



Each finalist received a personalised Certificate of Achievement, denoting their finishing position in the overall Competition.

## ENGINUITY 2019

# Certificate of Achievement



Awarded To **Eric Lay**

A Member Of The

**7<sup>th</sup> Placed**

Team

**"Shear Incompetence"**

From

**Arcadis**



The Global Business Management Competition for the Construction Industry

190 Teams From Around The World Took Part

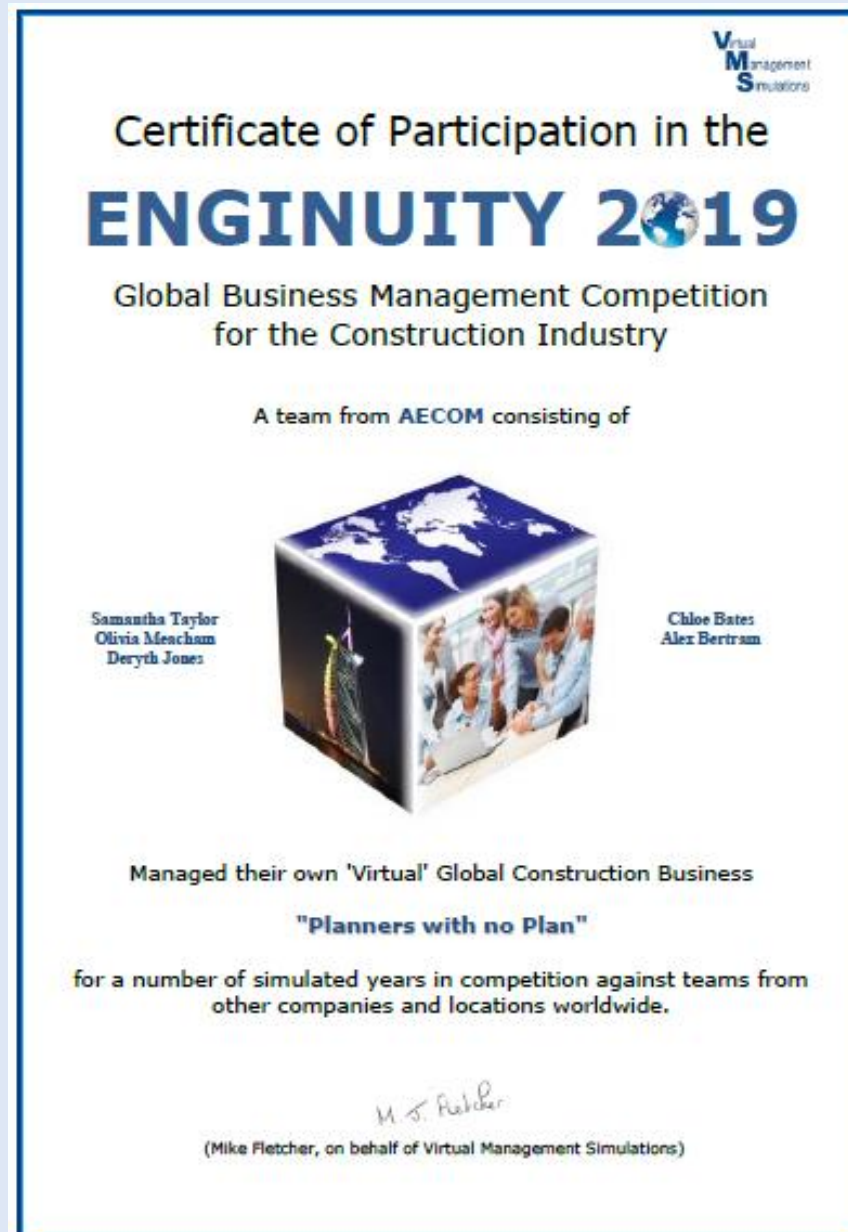




# Certificate Of Participation



Each participant in the Competition received a certificate of participation.





## 2019

- **Publicity** for the competition will be sent out at the beginning of November
- **Registration** will start during November

## 2020

- The **2020 software** is released on the website at the beginning of January
- **Trialling** starts after the software is released for registered teams
- The **Preliminary Rounds** take place during March and April
- The **Final** will take place during May



# Further Information



Further detailed information can be obtained from the website at:

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