

ENGINEUITY 2020



COMPETITION REVIEW



The Global Challenge



The **ENGINUITY 2020** 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.

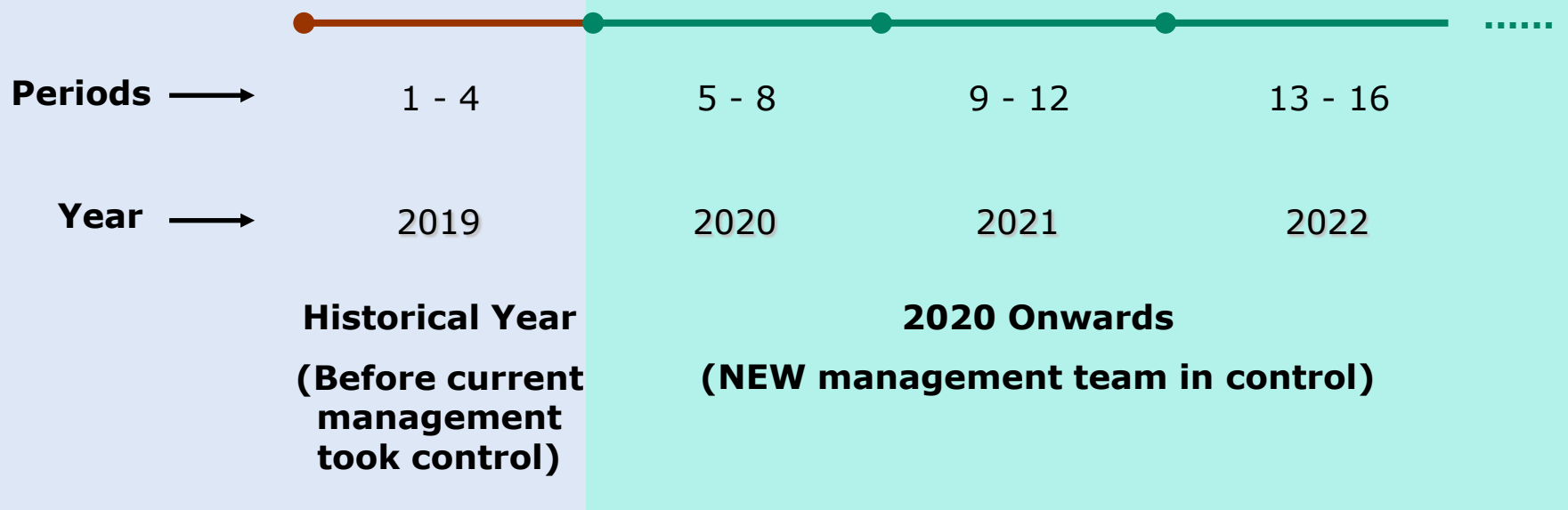


Using a sophisticated computer simulation, competing teams were given the task of managing a fledgling UK-based global construction business from 2020 onwards.

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

200 teams from
Around the globe.

SPONSORS

AECOM
Arcadis
Arup
Atkins
Ausenco
Balfour Beatty
Beca
Buro Happold
Capita
COWI
Cundall
Hatch
John Sisk & Son
Highways England
Hurley Palmer Flatt Group
Jacobs
KBR
Knight Piésold
Laing O'Rourke
McNab
Mott MacDonald
Network Rail
Parsons
Pell Frischmann
Ramboll
Robert Bird Group
Stantec
Tonkin & Taylor
Tony Gee and Partners
Turner & Townsend
WSP

LOCATIONS

Australia
Canada
Holland
India
Ireland
Italy
New Zealand
Qatar
South Africa
Sweden
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 May, 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, spread globally, with 1 team from the UK, 4 from the United States, 1 from Canada, 2 from India, 1 from Qatar, 1 from South Africa, 1 from Australia, and 1 from New Zealand, and there was just 139 points separating the teams going into the 6-round Final.

Defending champions Parsons were well represented with three teams, along with previous winners WSP, with teams from Hatch, Jacobs and Stantec all hoping to become first-time winners.

Position	Name	Sponsor	Location	Total KPI	Improvement	PERIOD MOVEMENT	
						From	Change
1	Margam	Jacobs	India	2,332	7 %	2	1
2	Stantastic	Stantec	Australia	2,295	5 %	3	1
3	J-EMPIRE II	Jacobs	UK	2,262	5 %	4	1
4	Mangineer	Parsons	Qatar	2,255	9 %	13	9
5	Hatcha la vista	Hatch	Canada	2,241	5 %	5	0
6	Flying Doraemon with Extra wings	Jacobs	India	2,240	7 %	9	3
7	Jersey Geoengineers	Parsons	United States	2,238	2 %	1	-6
8	Parsons Pentagon View	Parsons	United States	2,234	7 %	12	4
9	Sac the Competition	WSPUS	United States	2,216	7 %	16	7
10	Ministry of Wopus	WSPNZ	New Zealand	2,204	6 %	11	1
11	Building Suspense	WSPUS	United States	2,194	10 %	24	13
12	Business as Usual	Hatch	South Africa	2,193	7 %	18	6
13	Not Manukau	WSPNZ	New Zealand	2,192	5 %	10	-3
14	McBobby	Jacobs	UK	2,182	9 %	22	8
15	Stantec Together	Stantec	Canada	2,163	10 %	31	16

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 late May and early June, 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.

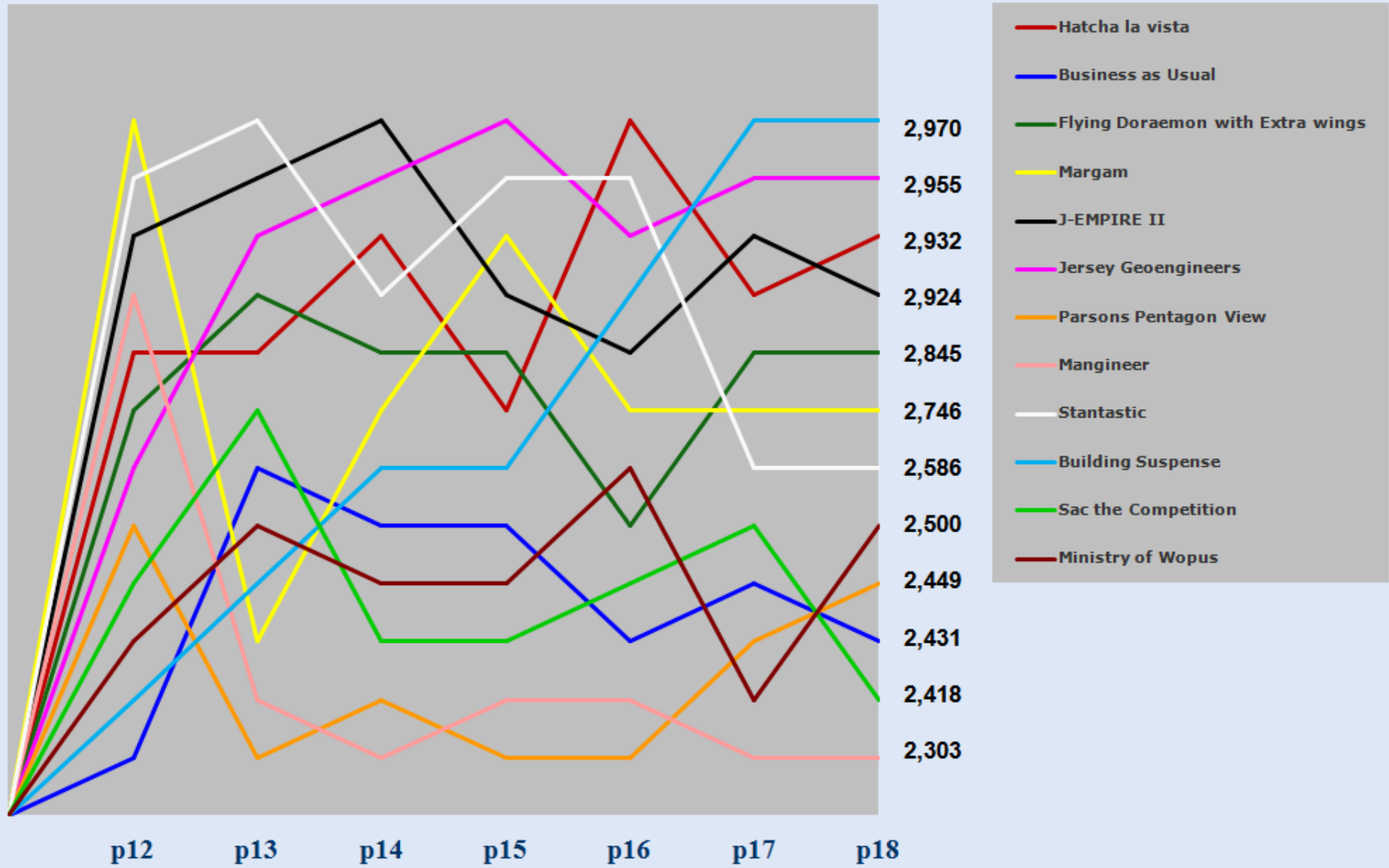
The final saw lots of ups and downs, but ultimately it was **“Building Suspense”** from **WSP (United States)** who emerged victorious as the **ENGINEUNITY 2020 Champions**.

Position	Name	Sponsor	Location	Total KPI	Improvement	PERIOD MOVEMENT	
						From	Change
1	Building Suspense	WSP US	United States	2,970	5 %	1	0
2	Jersey Geoengineers	Parsons	United States	2,955	5 %	2	0
3	Hatcha la vista	Hatch	Canada	2,932	5 %	4	1
4	J-EMPIRE II	Jacobs	UK	2,924	4 %	3	-1
5	Flying Doraemon with Extra wings	Jacobs	India	2,845	5 %	5	0
6	Margam	Jacobs	India	2,746	5 %	6	0
7	Stantastic	Stantec	Australia	2,586	0 %	7	0
8	Ministry of Wopus	WSP NZ	New Zealand	2,500	5 %	11	3
9	Parsons Pentagon View	Parsons	United States	2,449	2 %	10	1
10	Business as Usual	Hatch	South Africa	2,431	1 %	9	-1
11	Sac the Competition	WSP US	United States	2,418	-2 %	8	-3
12	Mangineer	Parsons	Qatar	2,303	-3 %	12	0

The Final League Table



How The Final Unfolded





The Champions



The Champions

"Building Suspense" from
WSP (United States)

Each member of the winning team :-

- Kevin Haff**
- Rigdha Banerjee**
- Umit Can Oksuz**
- Yingying Huang Fernandes**
- Brian Kellogg**

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 :-

Pravin Punamiya
Ragini Sharma
Jayme Lynch
Sudipta Ghorai
Adam Wescourt
Tim Ultee

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





Certificate Of Achievement



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

ENGINEUITY 2020

Certificate of Achievement



Awarded To **Martin Gagnon-Dorval**

A Member Of The

3rd Placed

Team

"Hatcha la vista"

From

Hatch



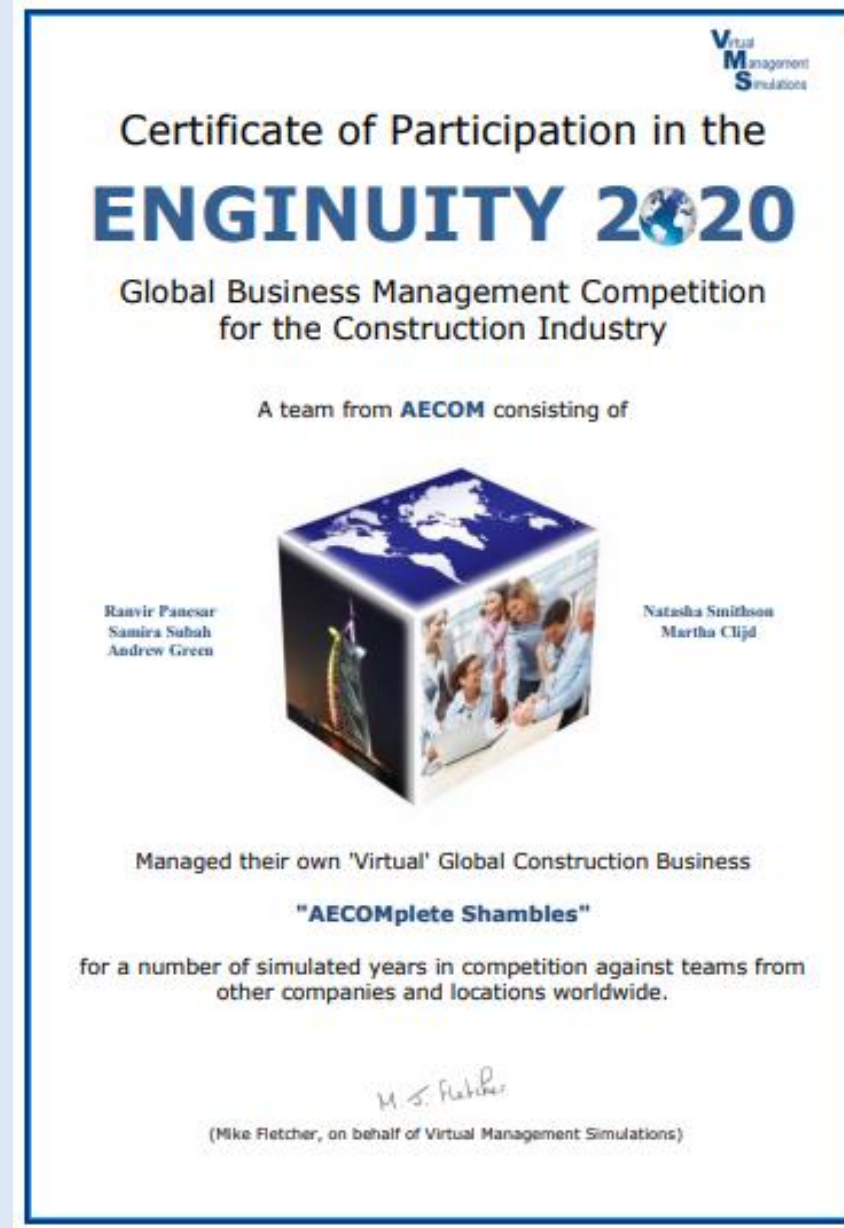
The Global Business Management Competition for the Construction Industry



Certificate Of Participation



Each participant in the Competition received a certificate of participation.





2020

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

2021

- The **2021 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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