

ENGINEUITY 2024



COMPETITION REVIEW



ENGINUITY 2024 was a unique and inspirational learning experience, giving participants, grouped into teams, the opportunity to compete against each other to see

WHO CAN RUN THE MOST SUCCESSFUL GLOBAL CONSTRUCTION BUSINESS

Each competing team was thrust into the same 'virtual world', and were given the challenge of running their own Global Construction Business for a number of simulated years, where success was measured by Key Performance Indicators published on a league table.

It was not easy, with stiff competition for work, a dynamic jobs market, and external world events that could impact upon the business just like the real world.

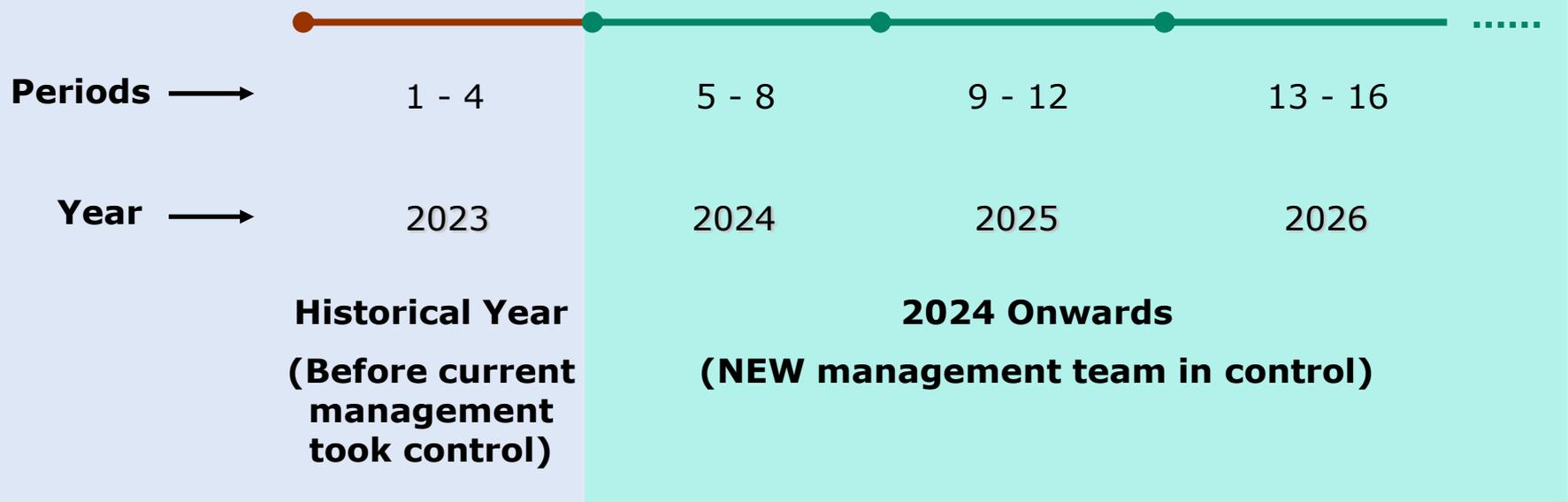
Developing a successful business strategy was essential, as was being able to work effectively as a team, make key decisions, and solve problems as they arose.

Ultimately their could only be one Champion, but everyone was also a winner if they could grow a successful business.





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.



Participants



TEAMS

Over 140 teams from
Around the globe.

SPONSORS

AECOM
Arcadis
AtkinsRealis
Buro Happold
Carollo Engineers
Clough
Cundall
Hatch
Infracore Consulting
Jacobs
John Sisk & Son
Laing O'Rourke
Mott MacDonald
MWH Treatment
Parsons
Pell Frischmann
Stantec
Tony Gee and Partners
WSP

LOCATIONS

Australia
Canada
India
Ireland
Italy
New Zealand
Peru
Philippines
Poland
South Africa
Taiwan
UK



Preliminary Rounds



THE PRELIMINARY ROUNDS

During the 8 weekly Preliminary Rounds, which took place between April 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, from around the globe, with just 170 points separating the teams going into the 6-round Final.

Past Champions Jacobs, Parsons and WSP were represented, with teams from Arcadis Australia Pacific, AtkinsRealis India, Hatch, Infraco Consulting and Stantec all hoping to become first-time winners.

Position	Name	Sponsor	Location	Total KPI	Improvement	PERIOD MOVEMENT	
						From	Change
1	Constructive Chaos	Arcadis Australia Pacific	Australia	2,360	8 %	3	2
2	Fanatics	AtkinsRealis, India	India	2,357	4 %	1	-1
3	Stan Movers	Stantec	United States	2,318	7 %	4	1
4	Whatever It Takes	Stantec	Italy	2,297	4 %	2	-2
5	The Mighty Turtles	Parsons	United States	2,288	9 %	9	4
6	Antipodean Pavlovs	Jacobs	Australia / New Zealand	2,255	4 %	5	-1
7	Infraco Invasion	Infraco Consulting	UK	2,250	6 %	7	0
8	HatchGPT	Hatch	South Africa	2,236	9 %	12	4
9	Ingenuity State of Mind	Jacobs	United States	2,222	7 %	10	1
10	The MARTians	WSP	UK	2,211	6 %	11	1
11	Powerhouse	Jacobs	UK / Ireland	2,207	4 %	6	-5
12	Stantogther	Stantec	Australia	2,190	4 %	8	-4
13	The Infra Tribe	Stantec	India	2,174	10 %	20	7
14	Strategy Squad	Jacobs	UK / USA / India	2,160	9 %	19	5
15	SiX GoLdZZ	University of Manchester	UK	2,151	22 %	52	37
16	BOMBAY ALLIIBAY SQUAD	Jacobs	India	2,130	5 %	13	-3
17	Boiled beans	Jacobs	India	2,119	5 %	14	-3
18	#Team IWMP	Stantec	Peru	2,112	5 %	15	-3
19	Astra Engineering	Jacobs	UK	2,098	5 %	17	-2
20	Team Vertex	Jacobs	India	2,057	10 %	33	13
21	Your Supreme Ladder	Cundall	UK	2,046	3 %	16	-5
22	Pell's Angels	Pell Frischmann	UK	2,045	7 %	22	0
23	No fumble Cundall	Cundall	UK	2,036	7 %	23	0
24	Dream Team	Stantec	Australia	2,028	10 %	38	14
25	Magic al Water Humans	MWH Treatment	UK	2,024	6 %	24	-1

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 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 **"Whatever It Takes"** from **Stantec** who emerged victorious as the [ENGINUITY 2024 Champions](#).



Enginuity 2024 Competition

TEAM LEAGUE TABLE

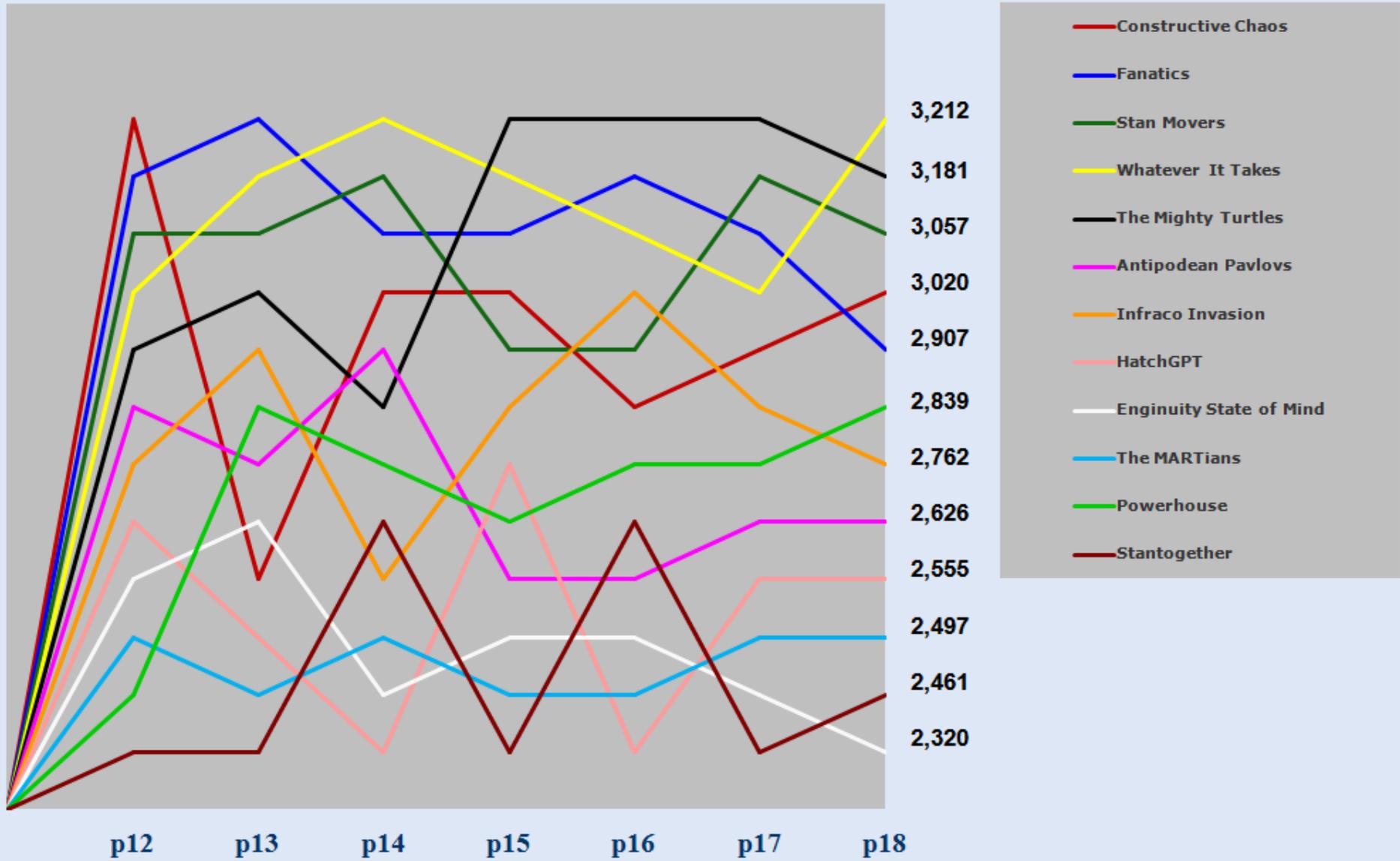
At the end of period 18 (Later Years)

Position	Name	Sponsor	Location	Total KPI	Improvement	PERIOD MOVEMENT	
						From	Change
1	Whatever It Takes	Stantec	Italy	3,212	11 %	4	3
2	The Mighty Turtles	Parsons	United States	3,181	6 %	1	-1
3	Stan Movers	Stantec	United States	3,057	2 %	2	-1
4	Constructive Chaos	Arcadis Australia Pacific	Australia	3,020	7 %	5	1
5	Fanatics	AtkinsRealis, India	India	2,907	-2 %	3	-2
6	Powerhouse	Jacobs	UK / Ireland	2,839	4 %	7	1
7	Infraco Invasion	Infraco Consulting	UK	2,762	1 %	6	-1
8	Antipodean Pavlovs	Jacobs	Australia / New Zealand	2,626	3 %	8	0
9	HatchGPT	Hatch	South Africa	2,555	4 %	9	0
10	The MARTians	WSP	UK	2,497	4 %	10	0
11	Stantgether	Stantec	Australia	2,461	6 %	12	1
12	Enginuity State of Mind	Jacobs	United States	2,320	0 %	11	-1

The Final League Table



How The Final Unfolded





The Champions



The Champions

"Whatever It Takes" from
Stantec
(Italy)

Each member of the winning team :-

Andrea Casalone
Edoardo Marrara
Lorenzo Cariati
Mark Matalog
Giulia Marmello

received a cash prize and a personalised
Certificate of Achievement (gold award)

ENGINUITY 2024 Certificate of Achievement

Awarded To **Andrea Casalone**

A Member Of The
WINNING

Team
"Whatever It Takes"
From
Stantec



The Global Business Management Competition for the Construction Industry





The Runners Up



The Runners Up

"The Mighty Turtles" from

Parsons

(United States)

Each of the runners up :-

Zach Riley

Jack Turvy

Caroline Arnold

Holli Buretta

received a cash prize and a personalised Certificate of Achievement (silver award)

ENGINUITY 2024 Certificate of Achievement



Awarded To **Zach Riley**

A Member Of The

RUNNERS UP

Team

"The Mighty Turtles"

From

Parsons



The Global Business Management Competition for the Construction Industry





Certificate Of Achievement



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

ENGINEUITY 2024 Certificate of Achievement



Awarded To **Ben Blocher**

A Member Of The
3rd Placed

Team

"Stan Movers"

From

Stantec



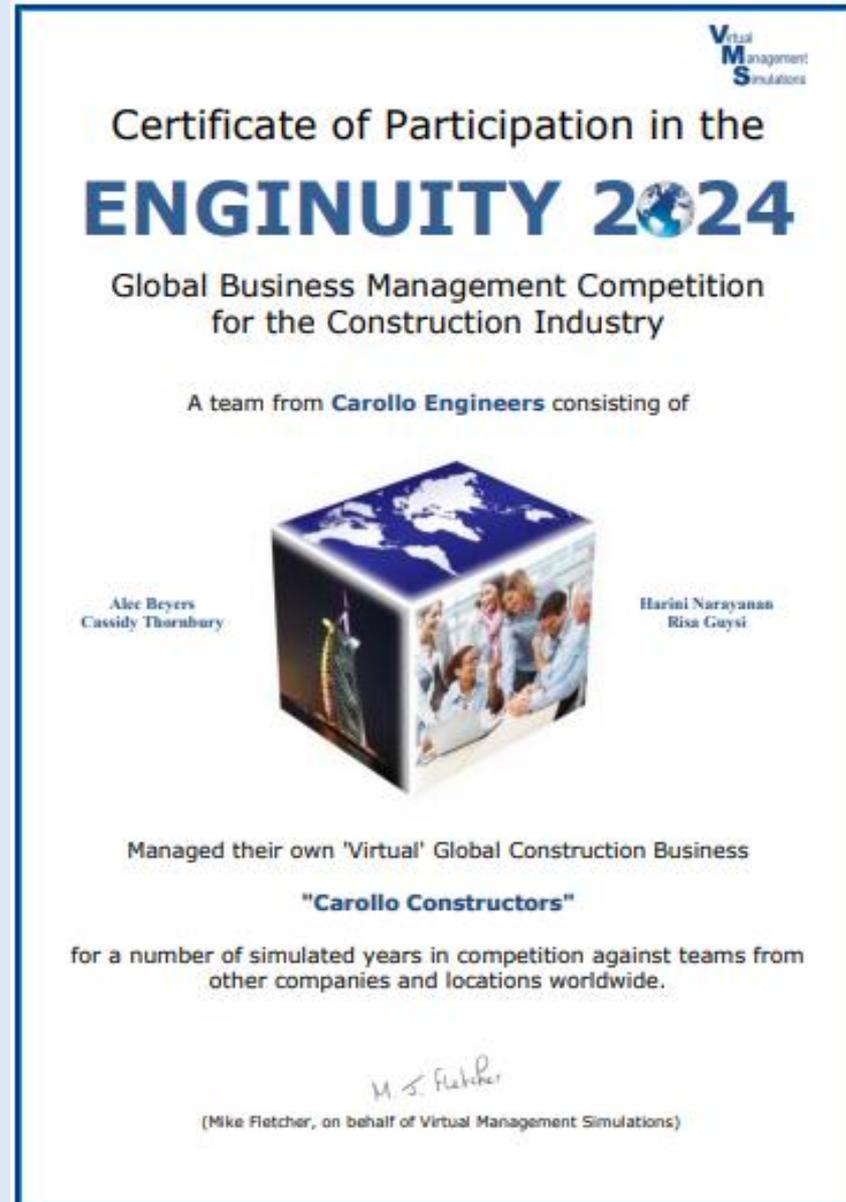
The Global Business Management Competition for the Construction Industry



Certificate Of Participation



Each participant in the Competition received a certificate of participation.





ENGINUITY 2024 TIMELINE



DURING 2024

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

DURING 2025

- The **2025 software** will be released on the website at the beginning of January
- **Trialling** starts after the software is released for registered teams
- The **Preliminary Rounds** take place between April and May
- The **Final** will take place during June



Further Information



Further detailed information can be obtained from the website at:

www.enginuitycomp.co.uk

or by e-mail

mike@enginuitycomp.co.uk