

# ENGINEUITY 2023



## COMPETITION REVIEW



**ENGINUITY 2023** 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 150 teams from  
Around the globe.

## SPONSORS

AECOM  
Arcadis  
Atkins  
Bigen Africa Services  
Buro Happold  
Cundall  
Hatch  
Infracore Consulting  
Jacobs  
Laing O'Rourke  
Mott MacDonald  
MWH Treatment  
Network Rail  
Rider Levett Bucknall  
RSBG  
Stantec  
Subsea 7  
Tonkin & Taylor  
Tony Gee and Partners  
Waterline Projects  
WSP

## LOCATIONS

Australia  
Canada  
Chile  
France  
Germany  
India  
Ireland  
Italy  
New Zealand  
Peru  
Poland  
Qatar  
Saudi Arabia  
South Africa  
Switzerland  
Taiwan  
UK  
United Arab Emirates  
United States



# 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 162 points separating the teams going into the 6-round Final.

Past Champions Jacobs were well represented with 5 teams, with teams from Stantec, Hatch and WSP Australia all hoping to become first-time winners.

Position	Name	Sponsor	Location	Total KPI	Improvement	PERIOD MOVEMENT	
						From	Change
1	Whatever It Takes	Stantec	Italy	2,217	11 %	8	7
2	Engenuity State of Mind	Jacobs	US	2,198	6 %	2	0
3	briJ	Jacobs	India, UK	2,192	7 %	3	0
4	Stanchievers	Stantec	United States	2,187	5 %	1	-3
5	Factory X	Jacobs	UK / Germany / Israel	2,170	7 %	5	0
6	Engineering4Future	Jacobs	Italy/India/UK	2,134	20 %	34	28
7	Pixies	Stantec	India	2,122	4 %	4	-3
8	Stantogther	Stantec	Australia	2,076	13 %	23	15
9	StanWreckers	Stantec	UK	2,073	7 %	12	3
10	WSP's Dream Team	WSP Australia	Australia	2,062	10 %	20	10
11	Glasgow ES&T	Jacobs	UK	2,058	4 %	9	-2
12	Stage 6	Hatch	South Africa	2,055	9 %	19	7
13	Yaycobs	Jacobs	Ireland/UK	2,052	2 %	7	-6
14	Off the Rails	Network Rail	UK	2,043	8 %	17	3
15	Stantec-cinq	Stantec	India	2,036	6 %	13	-2
16	Stantec and Deliver	Stantec	Australia	2,021	6 %	16	0
17	Shark Tank	Jacobs	Poland/South Africa/India	2,011	5 %	14	-3
18	The Decision Box	Cundall	UK	2,008	4 %	10	-8
19	Hammer Time Co	Arcadis	Australia	2,003	0 %	6	-13
20	Sonoran Hotdogs	WSP USA	United States	1,988	9 %	25	5
21	Train Wreck	Network Rail	UK	1,959	8 %	27	6
22	The Squad	Stantec	UK	1,958	3 %	15	-7
23	Million Minions	Hatch	Canada	1,954	15 %	50	27
24	Minimum STANdards	Stantec	Australia	1,917	-1 %	11	-13
25	Jacobites	Jacobs	UK	1,915	11 %	41	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 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 **"briJ"** from **Jacobs** who emerged victorious as the **ENGINUITY 2023 Champions**.



### Enginuity 2023 Competition

#### TEAM LEAGUE TABLE

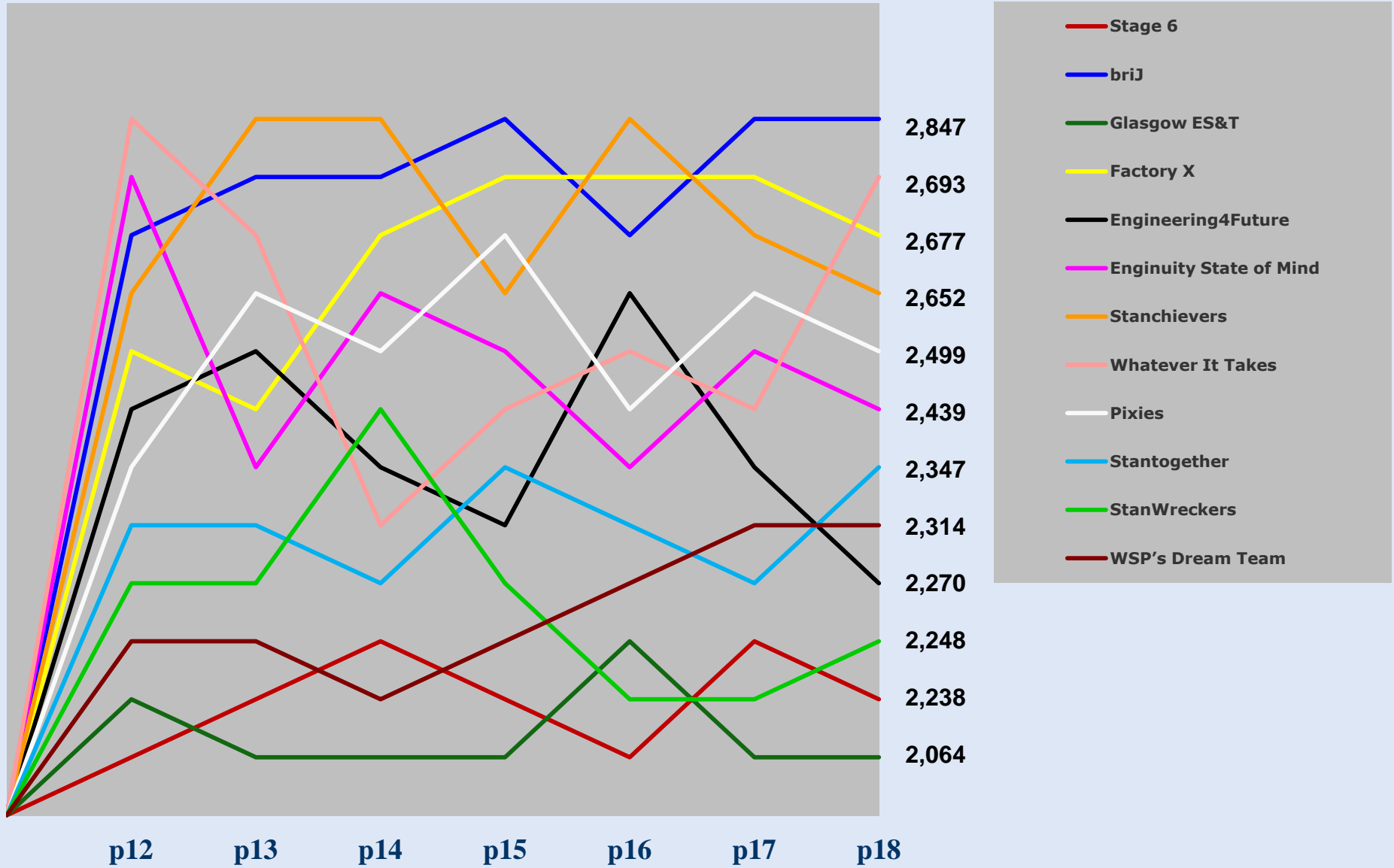
At the end of period 18 (Later Years)

Position	Name	Sponsor	Location	Total KPI	Improvement	PERIOD MOVEMENT	
						From	Change
1	briJ	Jacobs	India/UK	2,847	9 %	1	0
2	Whatever It Takes	Stantec	Italy	2,693	12 %	6	4
3	Factory X	Jacobs	Germany/Israel/UK	2,677	3 %	2	-1
4	Stanchievers	Stantec	United States	2,652	5 %	3	-1
5	Pixies	Stantec	India	2,499	2 %	4	-1
6	Enginuity State of Mind	Jacobs	US	2,439	-1 %	5	-1
7	Stantogther	Stantec	Australia	2,347	4 %	9	2
8	WSP's Dream Team	WSP Australia	Australia	2,314	2 %	8	0
9	Engineering4Future	Jacobs	Italy/India/UK	2,270	-5 %	7	-2
10	StanWreckers	Stantec	UK	2,248	3 %	11	1
11	Stage 6	Hatch	South Africa	2,238	-1 %	10	-1
12	Glasgow ES&T	Jacobs	UK	2,064	-1 %	12	0

The Final League Table



# How The Final Unfolded





# The Champions



The Champions

**"briJ"** from

**Jacobs**

**(India/UK)**

Each member of the winning team :-

**Abhishek Singhal**

**Arnab Chatterjee**

**Atish Saurav**

**Utpal Sutar**

**Harsh Joshi**

**Yung Lau**

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







# The Runners Up



The Runners Up

**"Whatever it takes"** from

**Stantec**

**(Italy)**

Each of the runners up :-

**Matteo Da Ros**  
**Francesco Biosa**  
**Silvia Bossi**  
**Andrea Casalone**  
**Dario Mansi**  
**Alberto Costantini**

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

## ENGINUITY 2023 Certificate of Achievement



Awarded To **Matteo Da Ros**

A Member Of The

**RUNNERS UP**

Team

**"Whatever It Takes"**

From

**Stantec**



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 2023 Certificate of Achievement



Awarded To **Mimran Ofir**

A Member Of The

**3<sup>rd</sup> Placed**

Team

**"Factory X"**

From

**Jacobs**



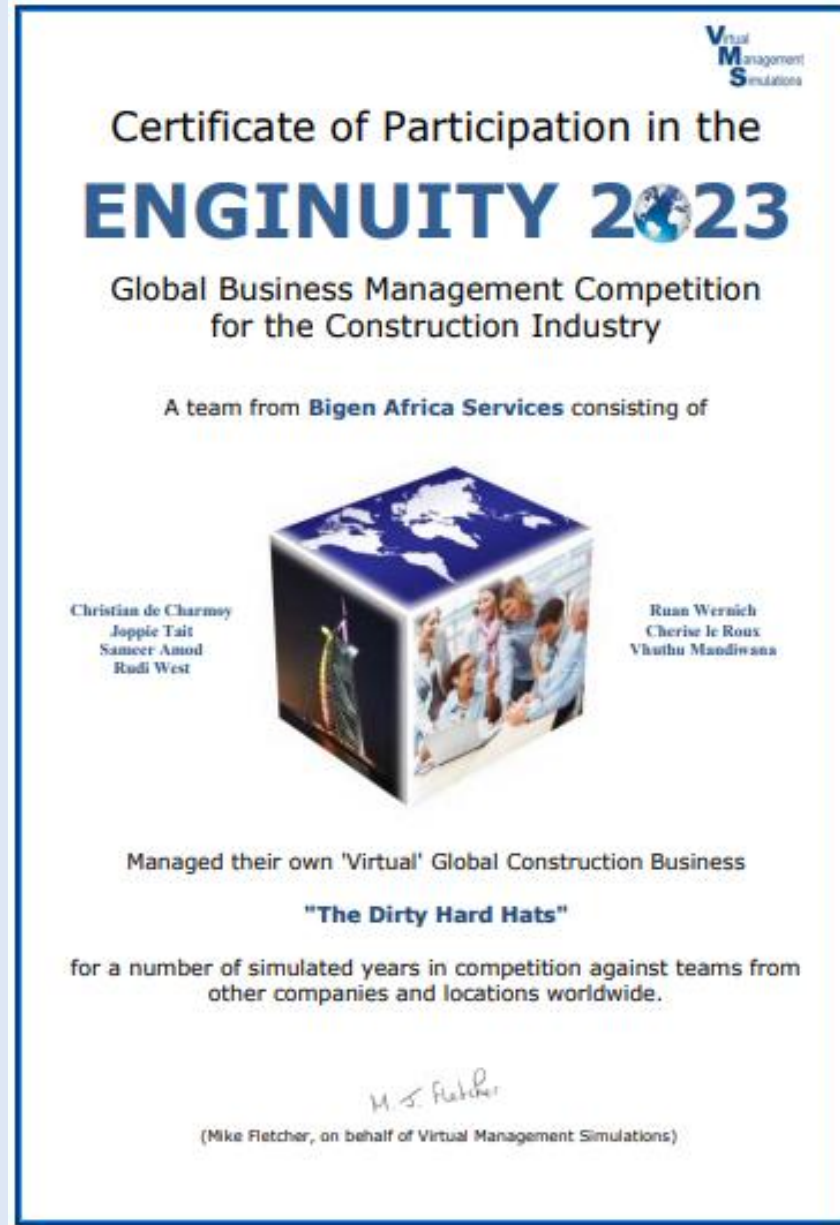
The Global Business Management Competition for the Construction Industry



# Certificate Of Participation



Each participant in the Competition received a certificate of participation.





# ENGINUITY 2024 TIMELINE



## DURING 2023

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

## DURING 2024

- The **2024 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:

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