

Technology that delivers a better workplace

FEBRUARY 2023



WHO ARE WSP?

BUILDING A BETTER FUTURE



65,000
EXPERTS



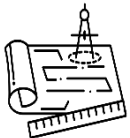
550
OFFICES



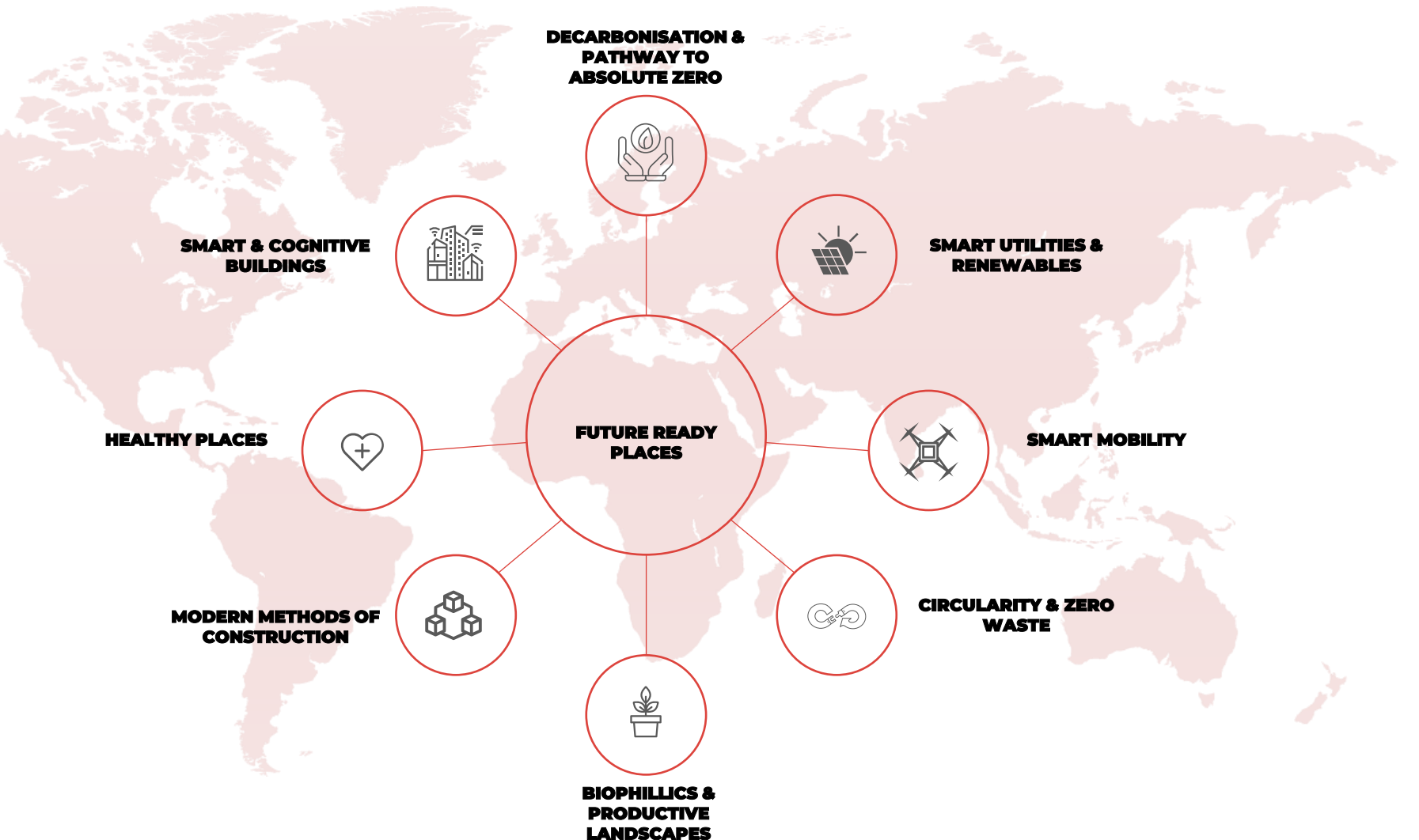
40
COUNTRIES



5
CONTINENTS



1,000+
PROJECTS



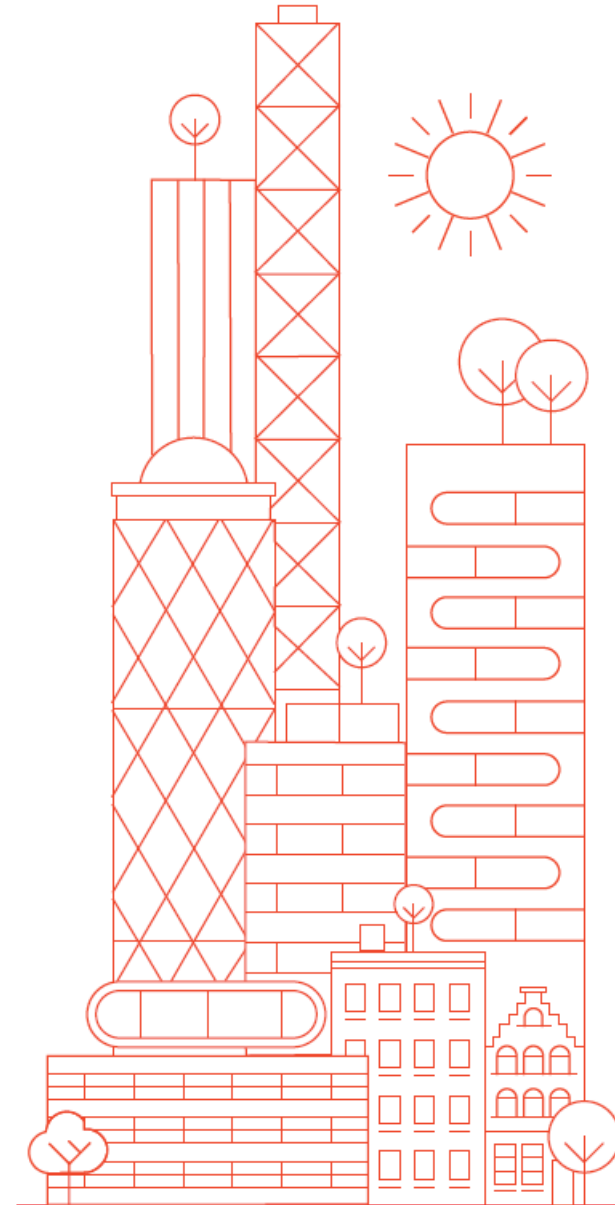
WHO ARE WSP?

EVOLVING OUR DESIGNS



Halve the carbon footprint of our designs and advice by 2030

Carbon neutral in our operations by 2025



WHY TECHNOLOGY? CONTEXTUAL DRIVERS

CONTEXT

1



SOCIAL IMPACT AND ENVIRONMENTAL CONCERNS

The UK Government has committed to reduce carbon emissions by 100% of the 1990 levels by 2050.

2



ADVANCEMENT OF TECHNOLOGY

Costs are dropping and technology is advancing rapidly. Advanced data analytics can be used to make target improvements and changes within the building.

3

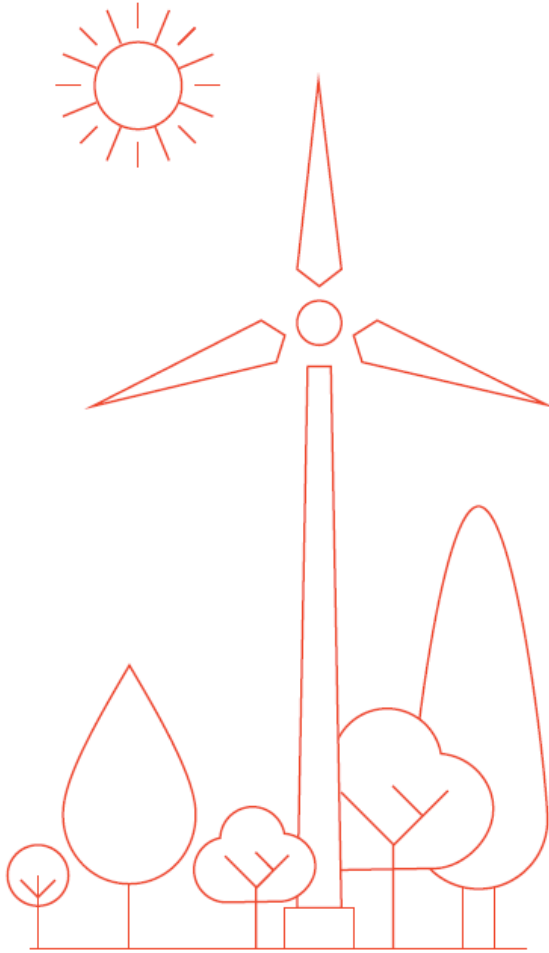


CHANGING USER REQUIREMENTS

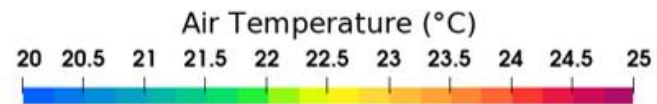
Tenants and building user requirements are changing with more flexibility and control expected.

FUTURE READY DESIGNS

A NEW APPROACH TO SAVING ENERGY

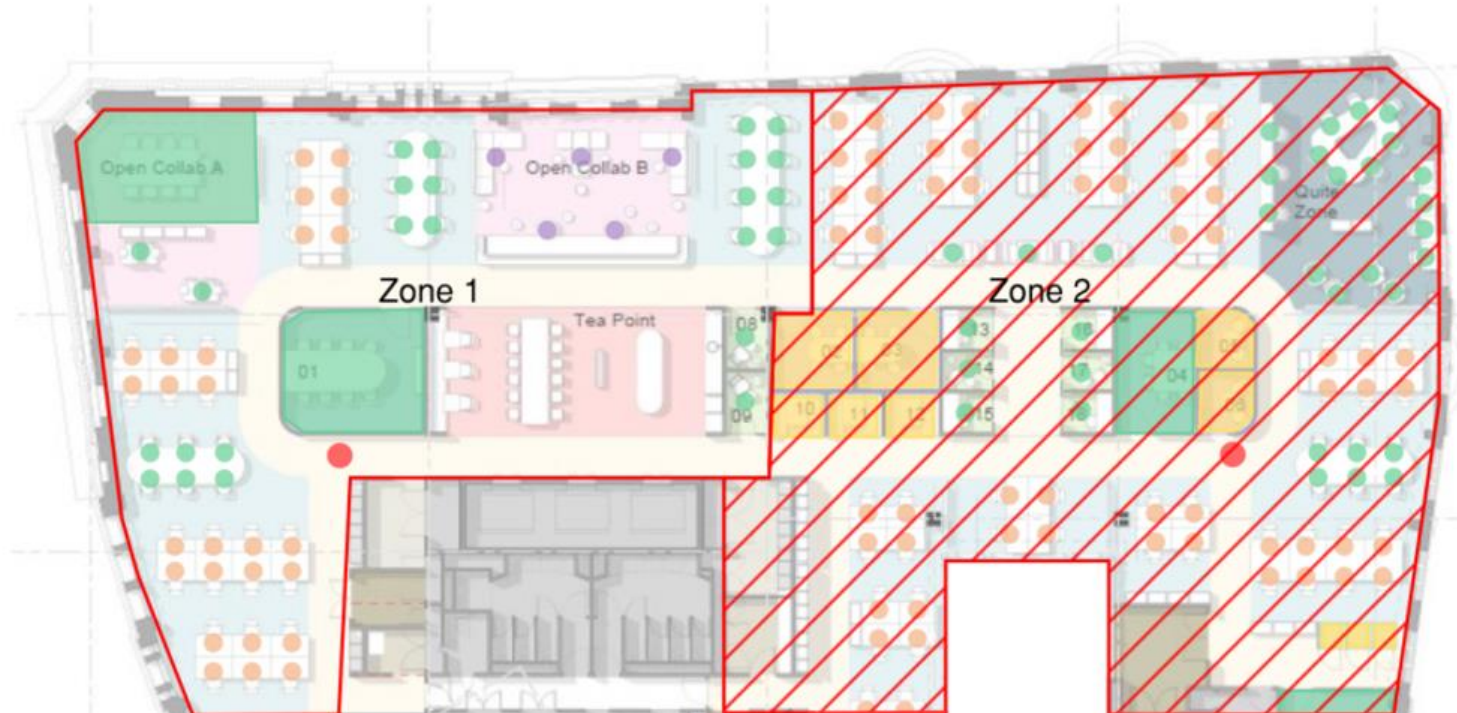


A NEW APPROACH TO SAVING ENERGY



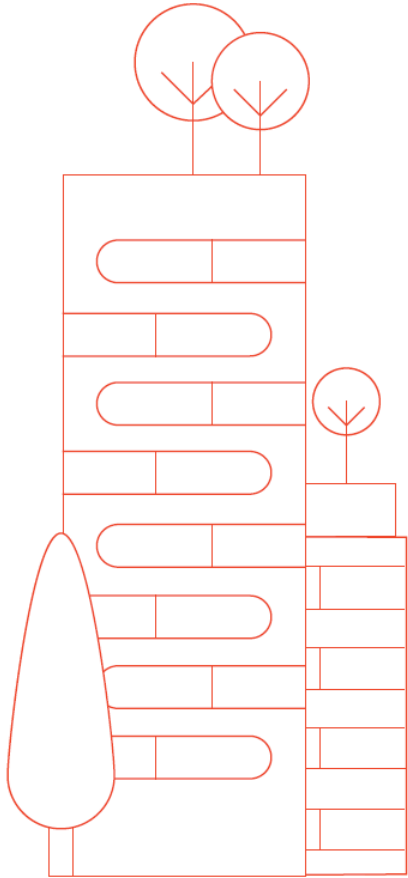
FUTURE READY DESIGNS

A NEW APPROACH TO SAVING ENERGY

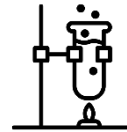


SMART BUILDING CONTEXT – WHY?

HUMAN CENTRED DESIGN



1



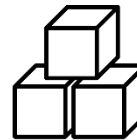
PILOT EXPERIMENT

2



USER ENGAGEMENT

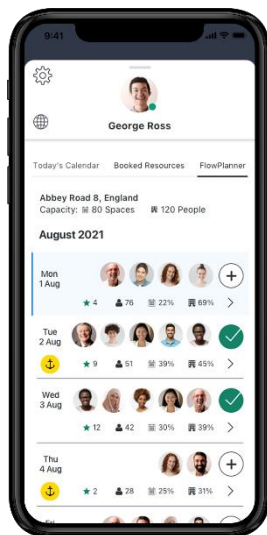
3



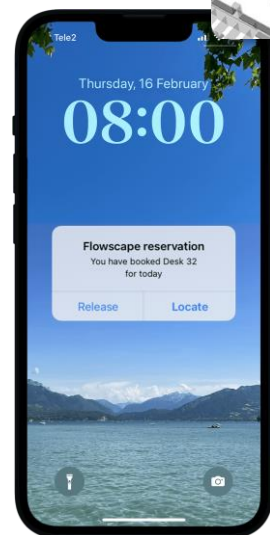
MODEL AND TEST THE EXPERIENCE

Frictionless employee experience at the office

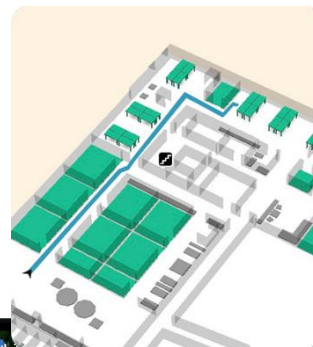
Anchor days



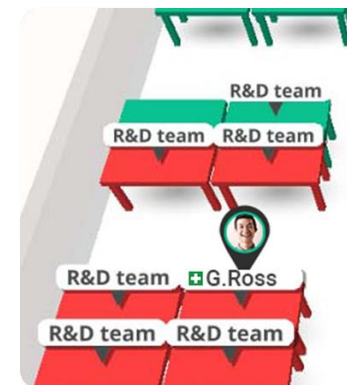
I plan my next two weeks at the office and book desks with my colleagues. I see closed areas.



When I arrive to the office I get wayfinding to the desk I booked.



When I dock my laptop I automatically confirm my booking, otherwise the desk will be released.



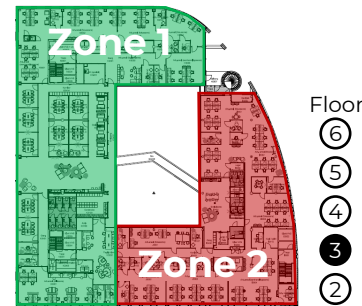
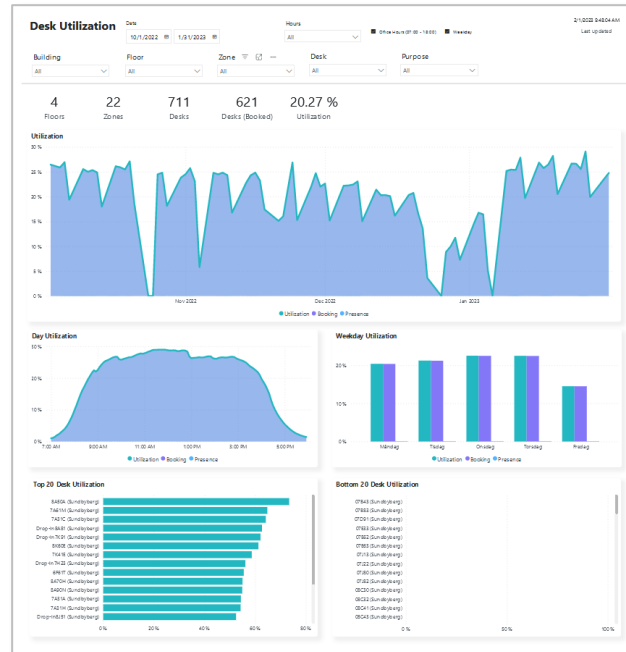
I can easily see who is in the office and if they are at their desk.

I can quickly find First Aiders in case of an emergency.

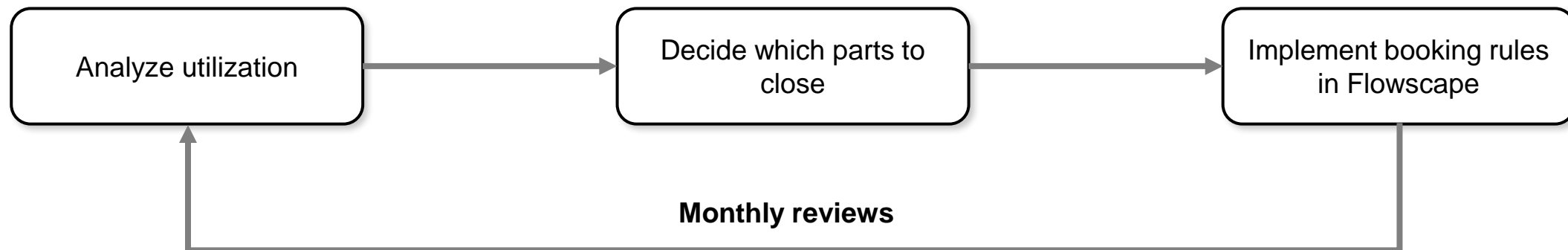


During the day I get a reminder for an upcoming meeting with wayfinding to room.

Work process to optimize office usage



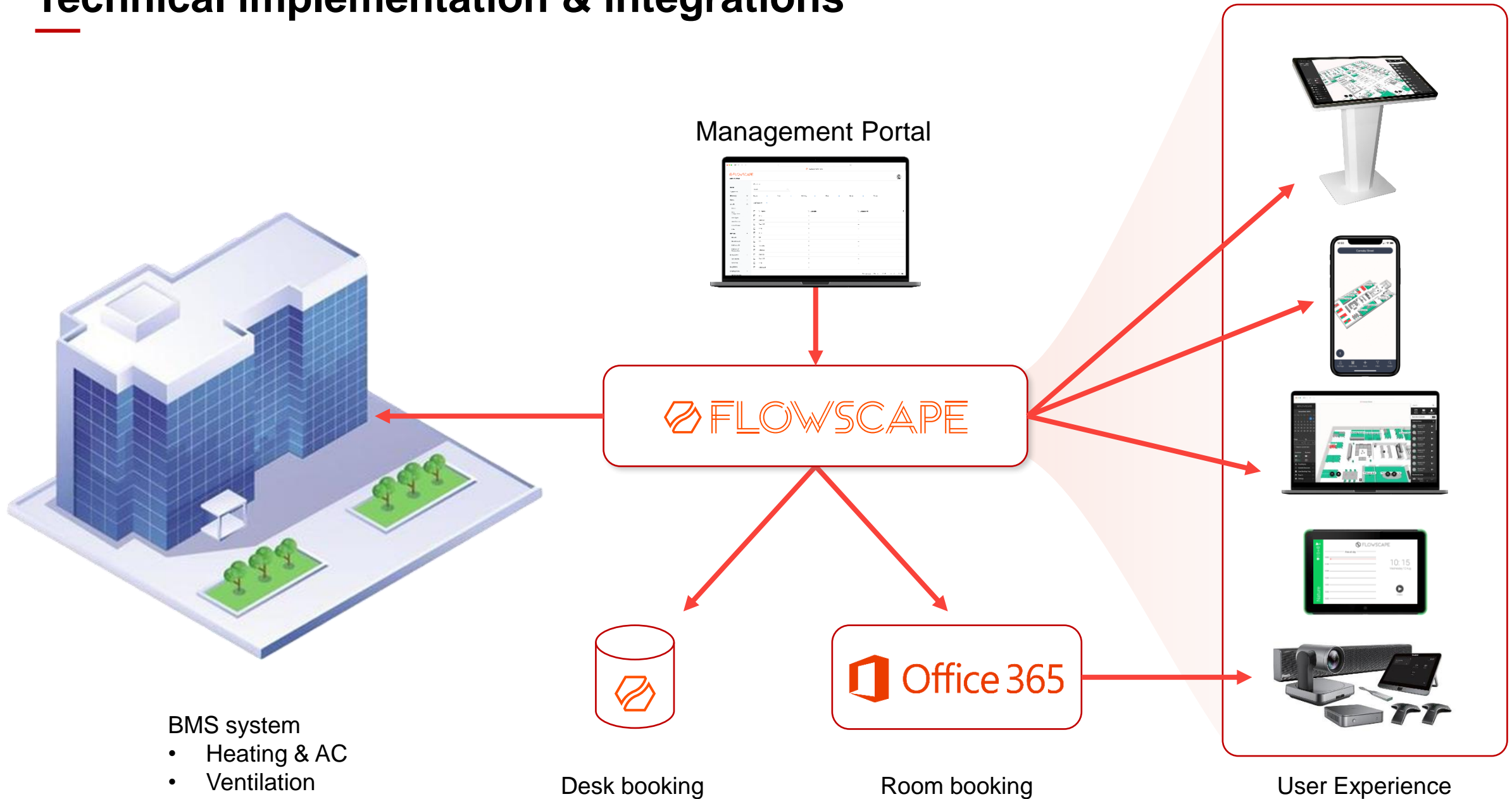
	Head count	Monday	Tuesday	Wednesday	Thursday	Friday
Floor 2:1	58	1	1	1	1	1
Floor 2:2	72		1	1	1	
Floor 3:1	58	1	1	1	1	1
Floor 3:2	72		1	1	1	
Floor 4:1	58	1	1	1	1	1
Floor 4:2	72		1	1	1	
Floor 5:1	58	1	1	1	1	1
Floor 5:2	72		1	1	1	
Floor 6:1	58	1	1	1	1	1
Floor 6:2	72		1	1	1	
Total capacity		290	650	650	650	290



Sensors used to analyze office utilization



Technical implementation & integrations



Next step – The workplace experience app





Peter Reigo

Flowscape
CEO/Founder

peter.reigo@flowscapecolutions.com

+46 (0) 70 942 4687



Caire Callan

WSP
Smart Places Associate Director

claire.callan@wsp.com

+44 (0) 7557 909 533