



Rapid responses to the impacts of COVID-19

Helping clients globally to prepare, respond and recover

Scaling up healthcare capacity at speed Large venue conversions

Healthcare systems are under great strain and providers need to be able to rapidly ramp up the number of beds available.

WSP can repurpose large open-space venues to manage the surge. We can help you maximise the advantages and overcome the challenges of using these types of venues and enable rapid mobilisation of new healthcare space.

Suitable venues for consideration

- Convention centres
- Arenas
- Stadiums

Advantages

- Large floor space
- Established logistics teams
- Short lead time
- Overnight transformation capability
- Skilled in complex wayfindings

Challenges

- Navigation of local planning
- Provision of adequate utilities to supply clinical areas.
- Project governance and leadership
- Fire compartmentalisation
- Clinical planning, governance and staffing requirements

ABOUT WSP

Dedicated to serving communities locally, nationally and internationally, WSP provides a full spectrum of engineering consultancy services, leveraging a global network of professionals to respond to challenges and crises wherever our clients need us to. wsp.com/healthcare

Rapid response: Inception to operationalization in 9 days



Critical paths for successful deployment

Optimise project team skills and delivery:

- Establish your stakeholders early
- Confirm project structure and organisational demarcation lines
- Manage, record and audit the programme development from inception

Understand infrastructure, equipment and constraints:

- Obtain site drawings
- Plan procurement early - there will be lead time

Deliver purposefully:

- Plan utility spaces to reflect clinical best practice

Our healthcare clients include

Healthcare providers

- Australia, Department of Health
- Germany, Landesanstalt für Gesundheit (LGL)
- Canada: Provincial Healthcare Authorities
- Hong Kong Hospital Authority (HKHA)
- New Zealand Ministry of Health
- Singapore, Ministry of Health
- South Africa, National Department of Health
- Sweden: Vstra Gotalands Regionen, Region Skane, Region Uppsala
- UK, National Health Service (NHS)

Emergency response teams

- U.S. Army Corps of Engineers (USACE)
- Federal Emergency Management Agency (FEMA)

Our expertise

We offer rapid response project management and engineering services and are able to mobilise and deliver within days.

Our

- professionals provide facility assessments, site adaptation design, commissioning, quality assurance and project management.
- experts provide rapid prototyping design solutions that ensure facilities protect workers and patients in a healthcare environment.
- research has enabled us to develop options for ventilated headboards and our experience includes Respiratory Intensive Care Units (RCIUs).

We are

- Healthcare advisors
- Clinical planners
- Mechanical and electrical engineers
- Structural engineers
- Sustainability consultants
- Decontamination advisors
- Project and programme managers
- Retired military officers experienced in contingency operations
- Security consultants
- Occupational Health and Hygienists'

Through our long-established healthcare network we have a wealth of global expertise we can apply to your local challenges.

Contact us to find out where we can help:

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Contact a regional expert