

# **COVID-19 health facilities initial response:**

a view from NHS Scotland



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Scottish context is that the response was managed both locally and nationally.



Local responses were by the 14 NHS Scotland Regional Health Boards under guidance and directives from Scottish Government.

All steps taken locally were with a view to reduce spread of the virus and keep beds free to treat coronavirus patients. These steps included:

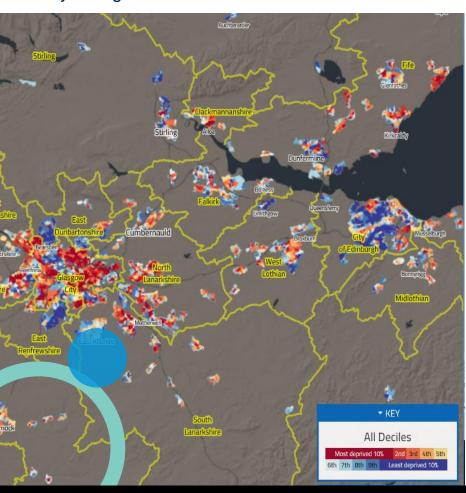
- Delay elective surgeries
- Pause majority of out-patient clinics
- Pause cancer care for high risk patients

Impact on bed numbers as follows:

- ICU bed increase from 190 to 600
- 3000 ring fenced beds to treat coronavirus patients

#### **NHS National Services**

#### Why Glasgow?



National response was led by NHS National Services under guidance and

directives from Scottish Government.



National response and provision of extra beds requested due to potential for the safety valve on local measures to break.

#### Potential shortfall based on:

- Rate of infection before mitigation measures introduced
- Rate of infection post introduction of mitigation measures
- Varying rates of compliance with social distancing measures.

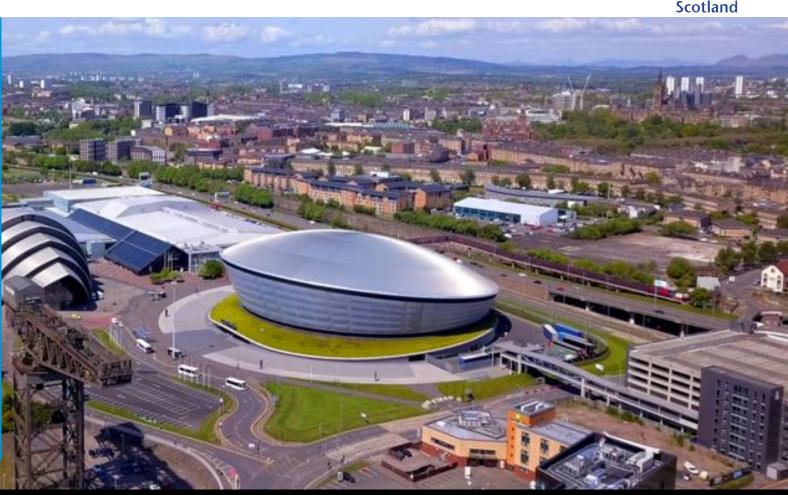
Based on these criteria, calculations were carried out and identified an additional 1000 beds would provide the capacity needed.

#### NHS National Services Louisa Jordan Hospital – Scottish Event Campus



# Planning & Strategy to provide a 1000 bed hospital:

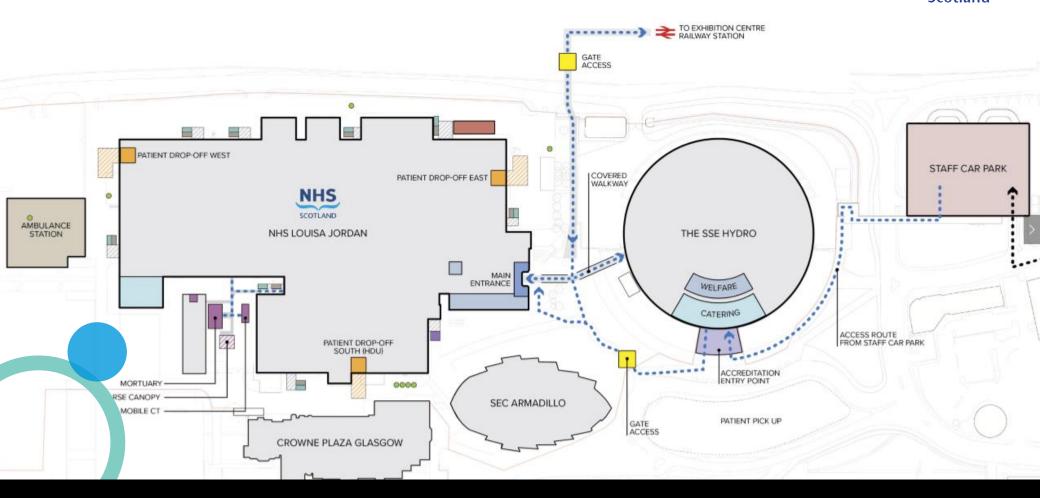
- 1000 beds
- Patient drop off
- Secure and monitored staff access & hospital entrance
- Ambulance stations
- Mobile CT
- Staff & patient welfare and catering provision
- Provision of specialist services – oxygen & medical air
- Utility services
- Access routes

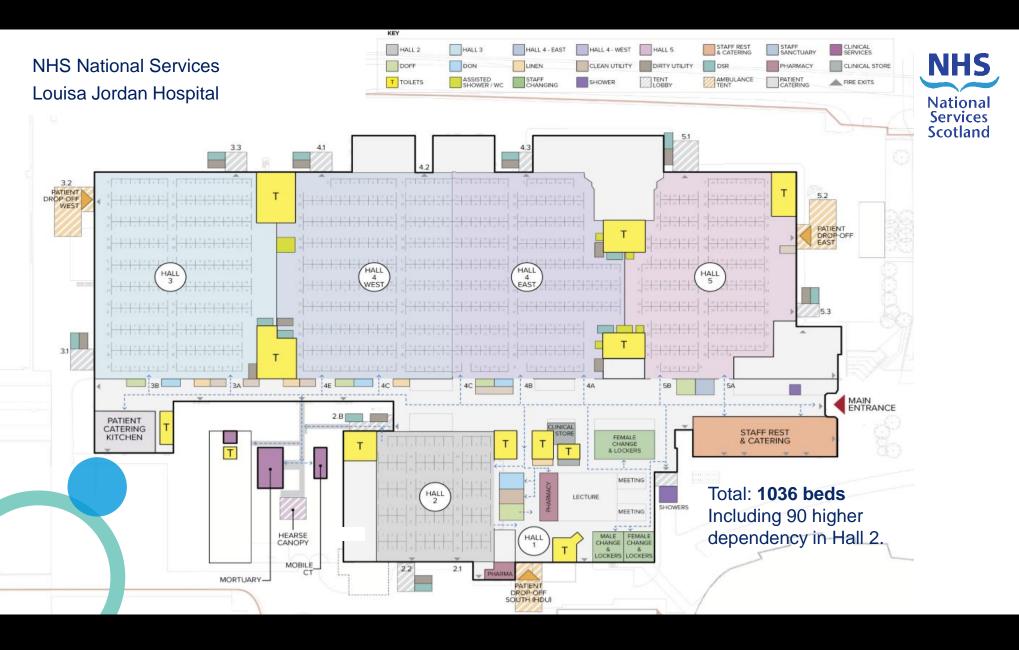


#### NHS National Services Louisa Jordan Hospital





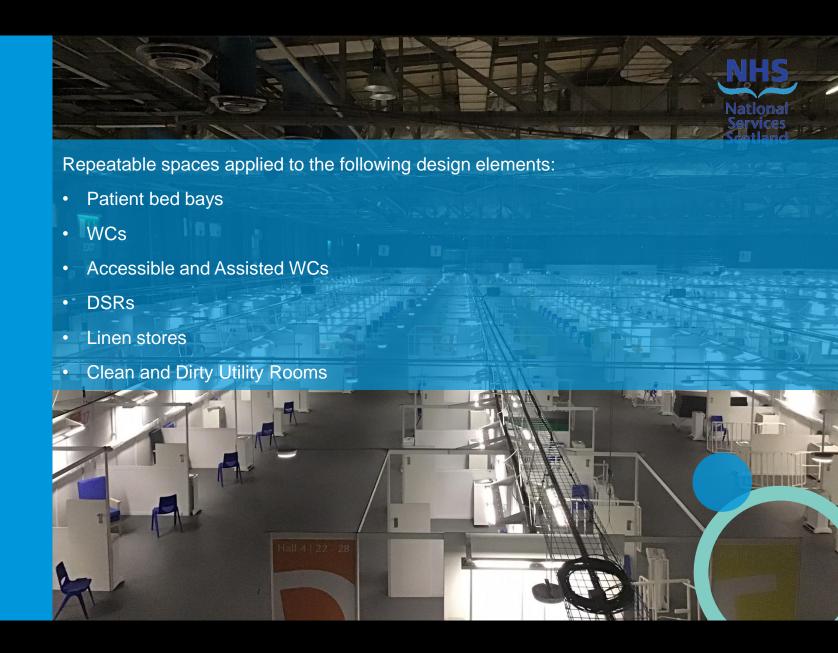




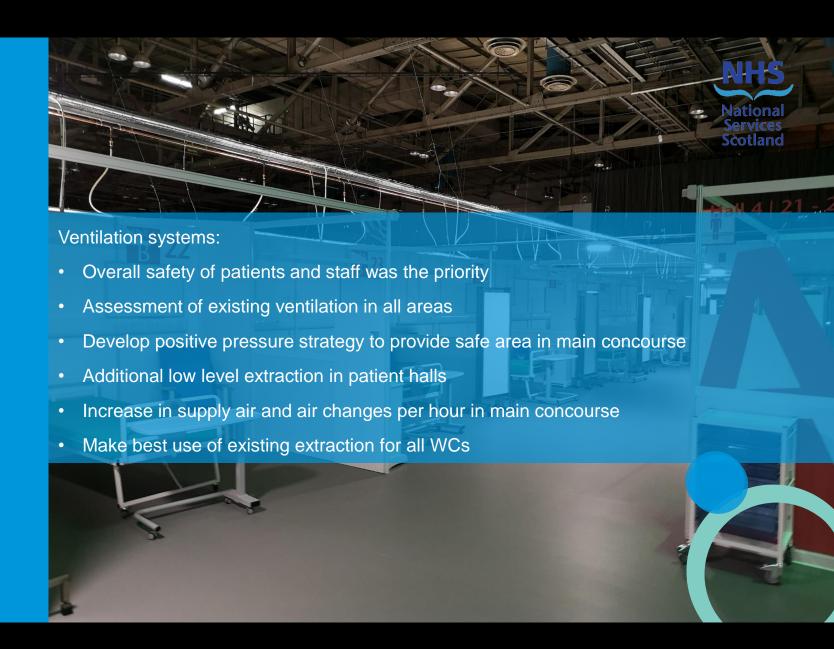
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- Staffing model
- Repeatable spaces
- Infection control
- Ventilation
- Water
- Med gasses
- Power
- Fire safety
- Respite spaces
- Wayfinding
- Clinical services
- Security
- FM logistics
- Digital comms



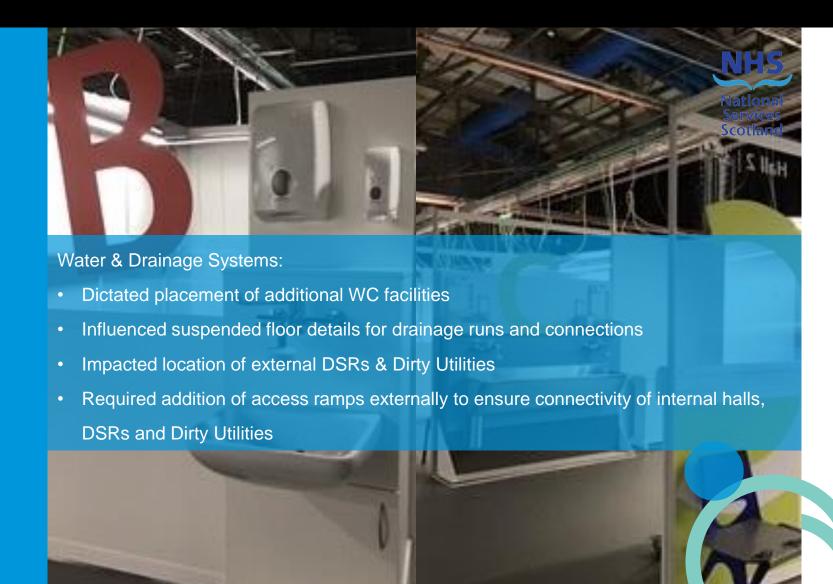
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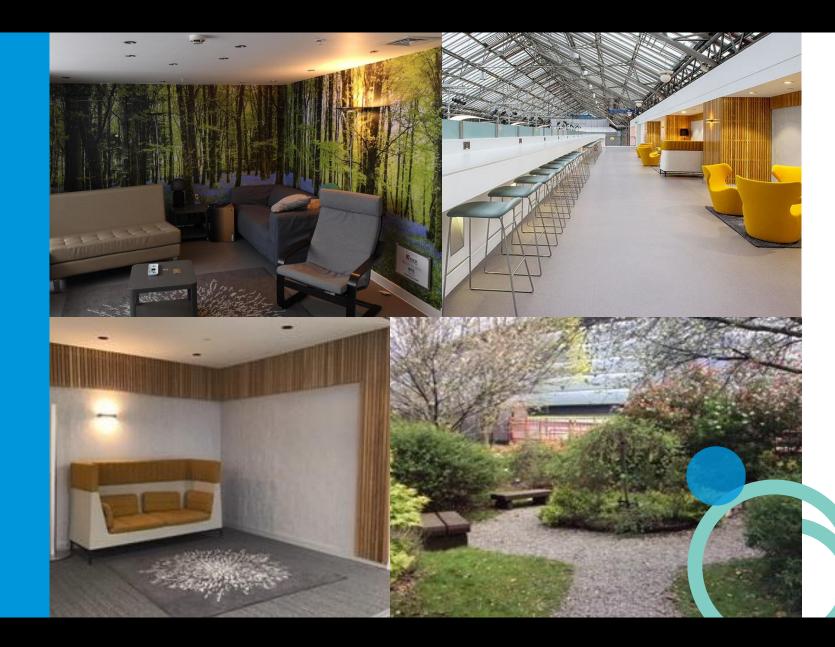
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Oxygen & Medical Air – Clinically Necessary

- Tanks, Suppliers & Authorising Engineers in place from outset
- 1 x Oxygen and 1 x Medical Air supply for 946 beds
- 2 x Oxygen and 2 x Medical Air Supply for 90 higher dependency beds

## Timeline



## Jason Leitch, national clinical director: 30th March

"So the first thing to say is the most important thing we're doing is we're redesigning the way we have our existing infrastructure. That's **number one**.

"Number two is a reasonable worst case scenario, if the curve really came to accelerate fast, what would we do if we ran out of space in that existing infrastructure.

"We're still planning with all our hearts and minds to bring that curve down so the existing infrastructure copes. If it doesn't, then we're thinking about where we could do high quality care, and the SEC is one of those possibilities."

https://www.thenational.scot/news/18344759.coronavirus-sec-turn-field-hospital-within-two-weeks/

### Timeline



## Jeane Freeman, Scottish Health Minister 19th April 2020

A temporary hospital, **NHS Louisa Jordan**, constructed in Scotland's largest exhibition centre will be ready to receive patients from Monday.

Jeane Freeman confirmed that construction has been completed of the NHS Louisa Jordan at the Scottish Event Campus (SEC) in Glasgow.

The £43 million facility will initially have capacity for 300 patients but this could be expanded to 1,036 beds if needed.