



BRIEFING



BRIEFING

- » Traditional Process
- » User Interviews
- » Mission
- » Drivers
- » Future Proofing
- » Existing Conditions Analysis
 - » Temperature Control
 - » Humidity Control
 - » Storage
- » Document Needs



- » Existing Documentation
- » Data Gathering
- » User Interviews
- » Goal Setting
- » Path Forward





- » Diagnostic Testing
- » Research
- » Epidemiological Surveillance
- » Vaccine Production / Drug Development
- » Training

MISSION

DRIVERS



- » Sustainability
- » Cost
- » e
- » Aesthetics
- » Functionality
- » Safety
- » Programme

EXISTING CONDITIONS

Most Common Issues

- » **Temperature Control**
- » **Humidity Control**
- » **Insufficient Storage**
- » **Lack of Flexibility**
- » **Electrical Capacity**
- » **Materials & Finishes**

REGULATORY

COMPLIANCE



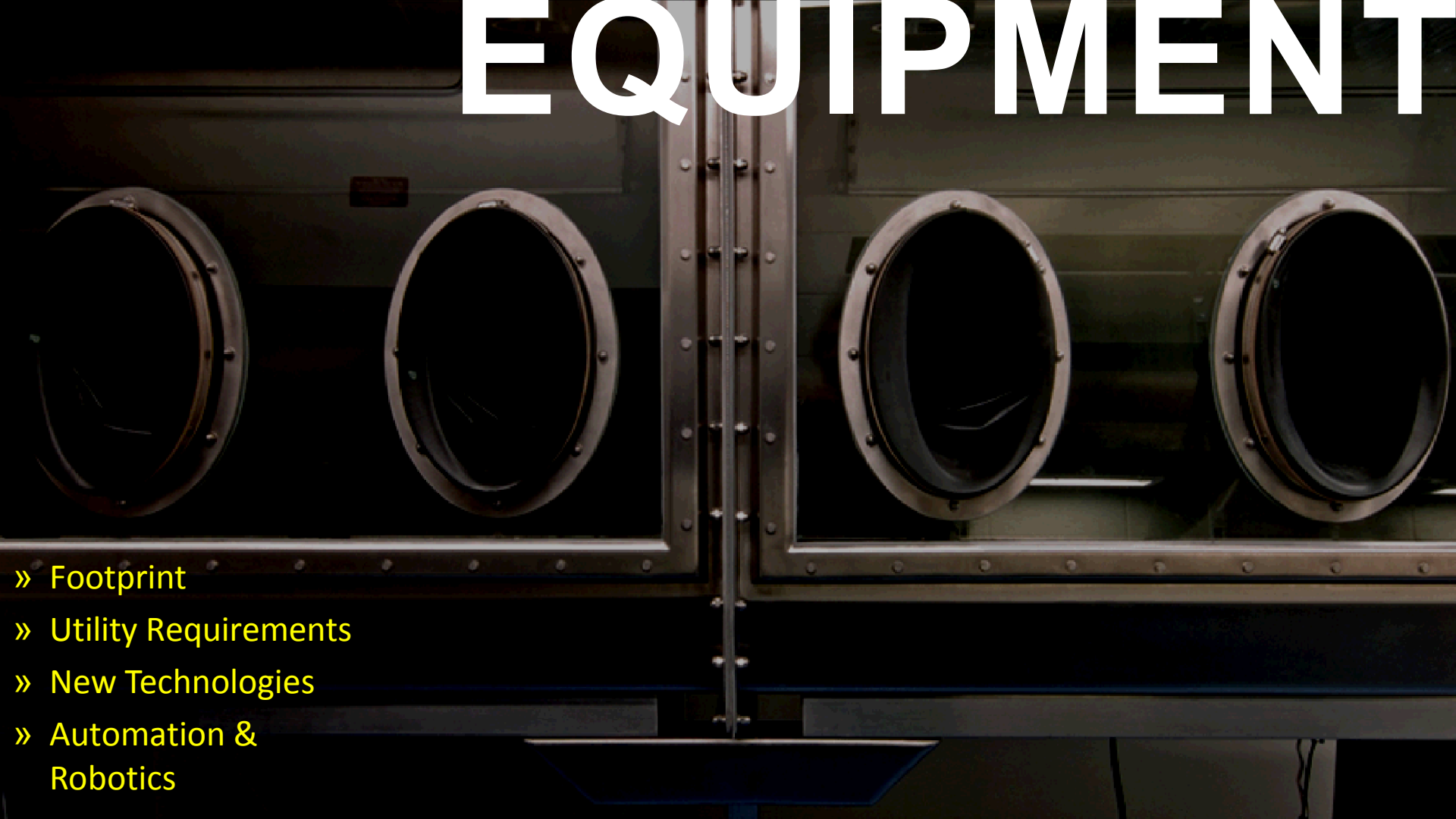
- » Building Codes
- » Biosafety Guidelines
- » Animal Welfare Regulations

- » Laboratory Staff
- » Administrative Staff
- » Operations & Maintenance
- » Custodial
- » Animal Care




STAFFING

EQUIPMENT

The background of the slide is a close-up photograph of a large, dark-colored industrial machine. It features four prominent circular openings, likely for inspection or access, arranged in a horizontal row. The machine's surface is metallic and shows signs of wear and rivets. A vertical structural element runs down the center, separating the left and right sides of the machine.

- » Footprint
- » Utility Requirements
- » New Technologies
- » Automation & Robotics

- 
- » Personnel
 - » Materials
 - » Waste
 - » Samples
 - » Animals

FLOW ANALYSIS

OPERATIONAL

CONSIDERATIONS



- » Redundancy
- » Reliability
- » Maintainability
- » Accessibility
- » Safety

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- » Air Exchange Rates
 - » Air Filtration
 - » Plumbing Systems
 - » Emergency Backup
 - » Security Systems

ENGINEERING

CRITERIA

ENVIRONMENT



- » Energy Efficiency
- » Recycled Content
- » Operational Efficiency
- » Regional Sensitivity
- » More with Less

SPACE

APPROXIMATION



- » Laboratory
- » Laboratory Support
- » Offices
- » Amenity Space
- » Plant / Building Support

STRATEGY



- » Scope
- » Schedule
- » Budget

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- A pair of hands, one on the left and one on the right, are shown holding a glowing, translucent globe of the Earth. The globe is bright white and yellow in the center, with visible blue and green landmasses. The hands are positioned as if they are carefully supporting or presenting the globe. The background is dark, making the glowing globe stand out prominently.
- » Flexibility
 - » Growth Strategy
 - » Innovation
 - » Emerging Disease Threats
 - » Change?

FUTURE
PROOFING



SAND No. _____

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