

**POWERED BY** 







Starting Shortly....

### **Wellness Matters**

Strategies for re -entering the workplace that prioritise employee health and wellbeing

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WILL-PARTNERS





**Home** 

# Coronavirus (COVID-19): what you need to do

#### Stay at home

- Only go outside for food, health reasons or work (but only if you cannot work from home)
- If you go out, stay 2 metres (6ft) away from other people at all times
- Wash your hands as soon as you get home

Do not meet others, even friends or family. You can spread the virus even if you don't have symptoms.



Read more about what you can and cannot do







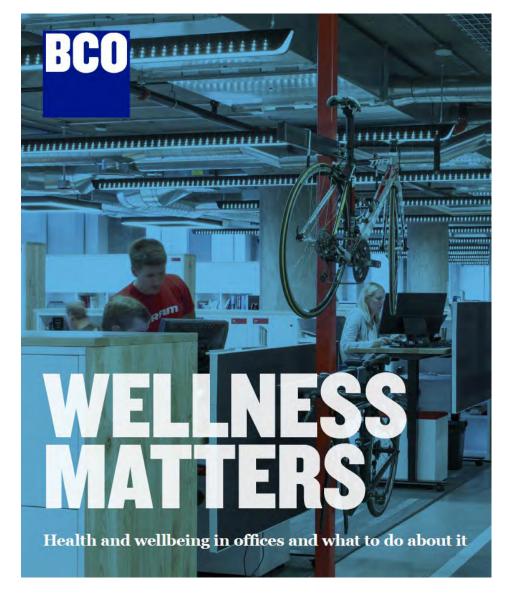


### What we will cover

- 1. Introducing Wellness Matters
- 2. Ready for re-entry who decides?
- 3. Principles of COVID-19 risk mitigation
- 4. Applying the Wellness Matters Roadmap
- 5. Re-entry next steps
- 6. Q&A



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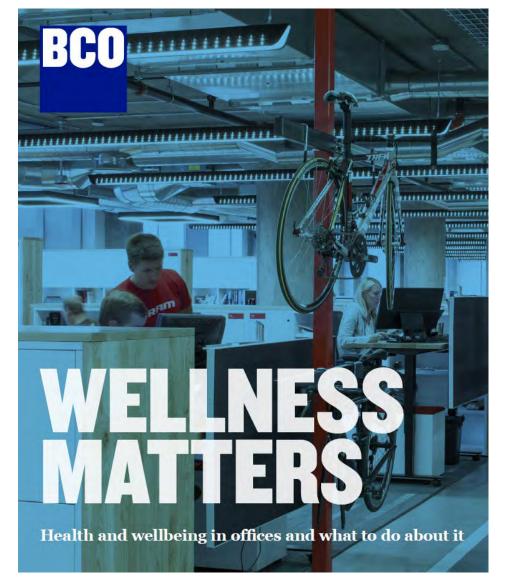
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### Led by medical and environmental evidence base





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### At a glance:







The most extensive piece of research ever undertaken by @BCO\_UK ... thank you to everyone for their time, expertise and hard work in navigating us through the maze to achieve 'BCO Wellness Matters' ... roadmap.



Authors are about to take us through the key findings of the Wellness Matters report which will be available to download from the BCO website after today's

official launch @LandsecGroup #BCOwellnessmatters #BCOresearch











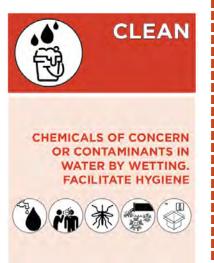
### 10 Themes. 55 Outcomes. Framework for action

### not a rating tool



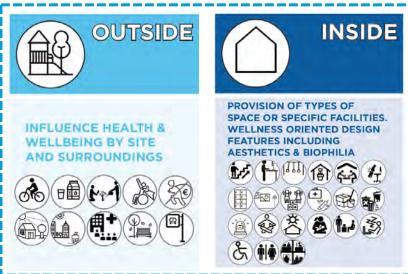


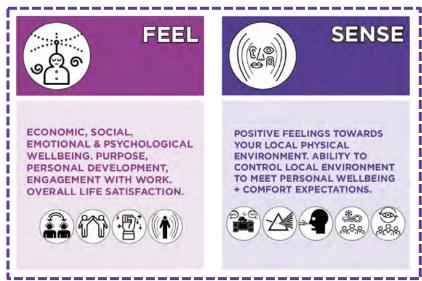










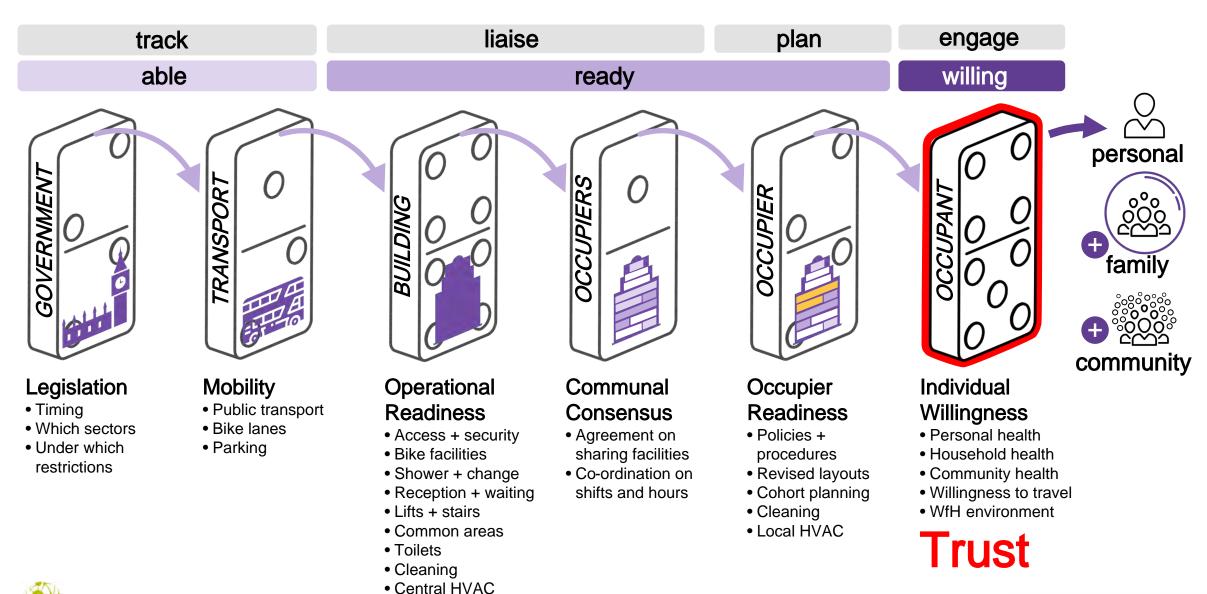




# Ready for re -entry?



### Who decides?





# Principles of COVID -19 Risk Mitigation



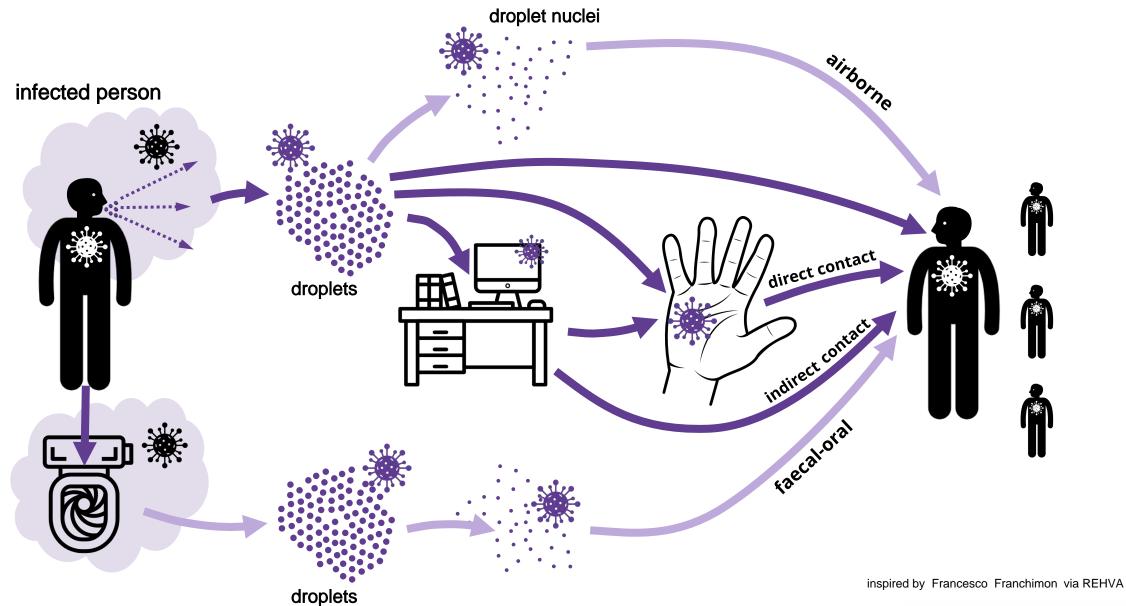
### UK Government Guidance: Social Distancing +



"where the social distancing guidelines cannot be followed in full in relation to a particular activity, businesses should consider whether that activity needs to continue for the business to operate, and, if so, take all the mitigating actions possible to reduce the risk of transmission between their staff ."

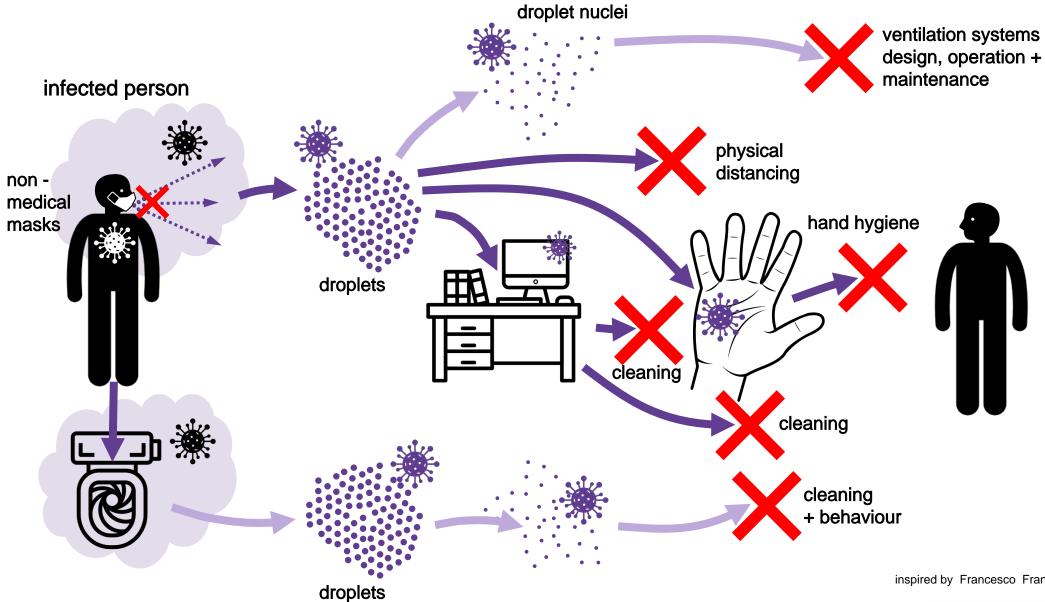


# Challenge: COVID -19 transmission



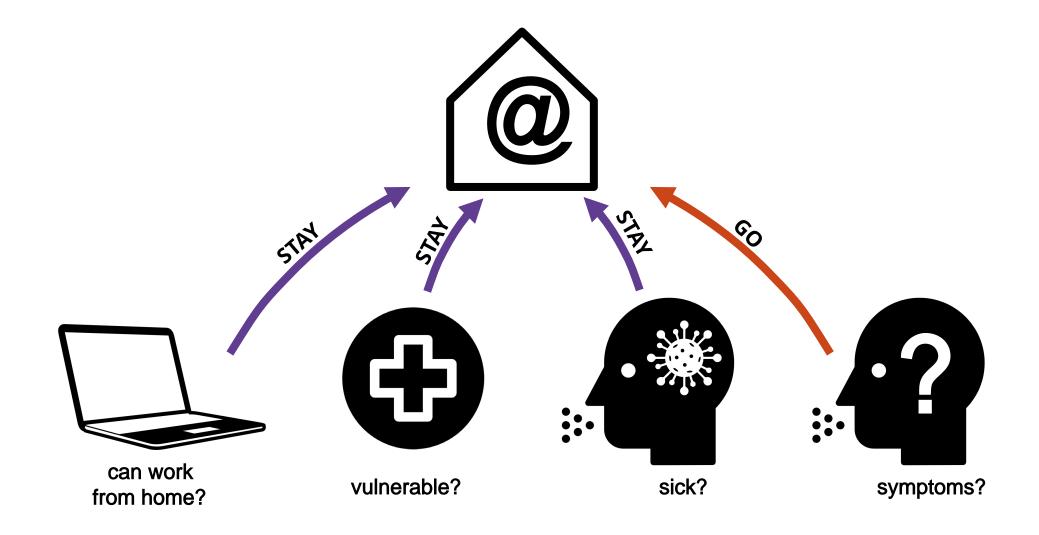


## Response: COVID-19 interruption





# Who stays home





## Whilst in a workplace





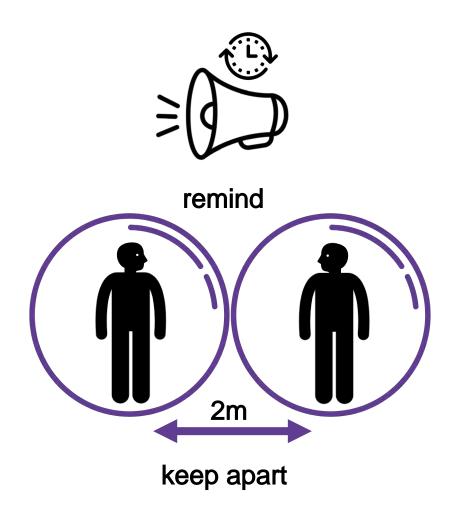


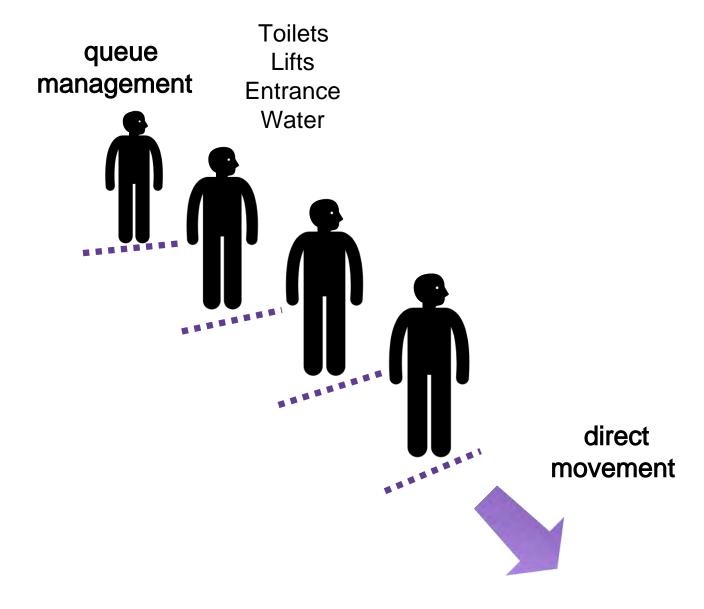


paperless remote + digital transfers of material



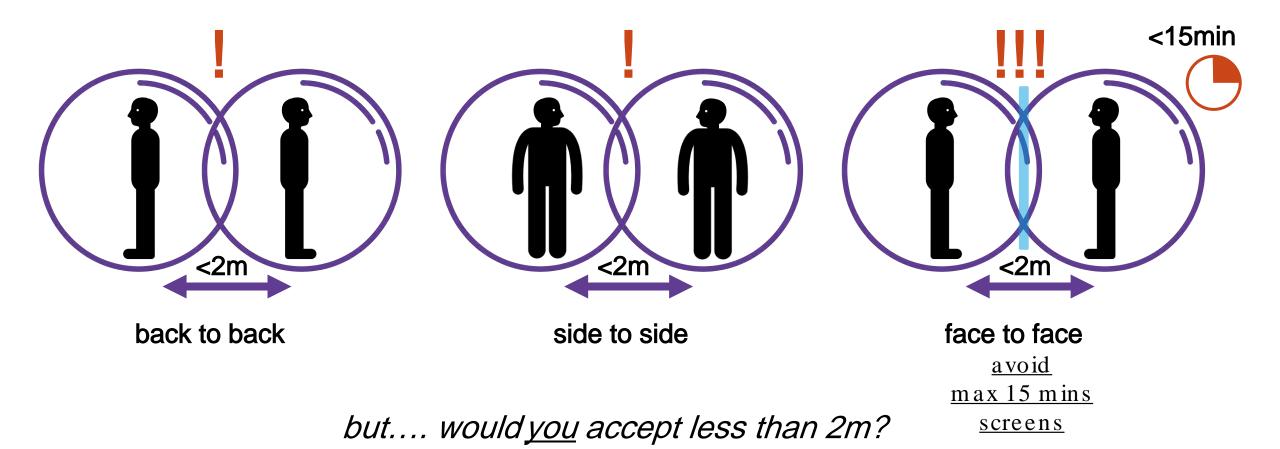
# 2m physical distancing





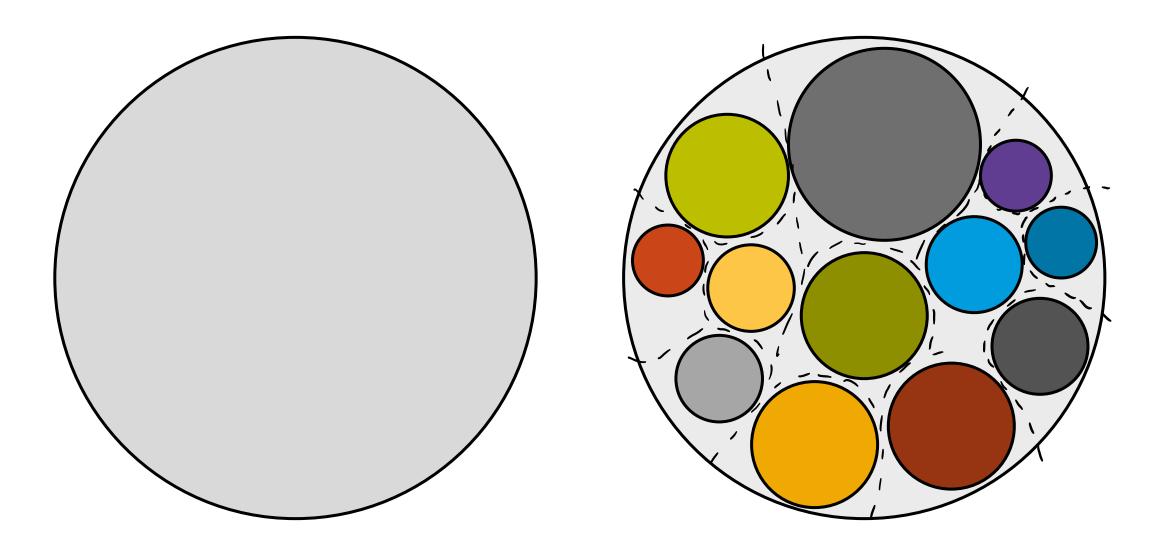


### Where 2m not possible



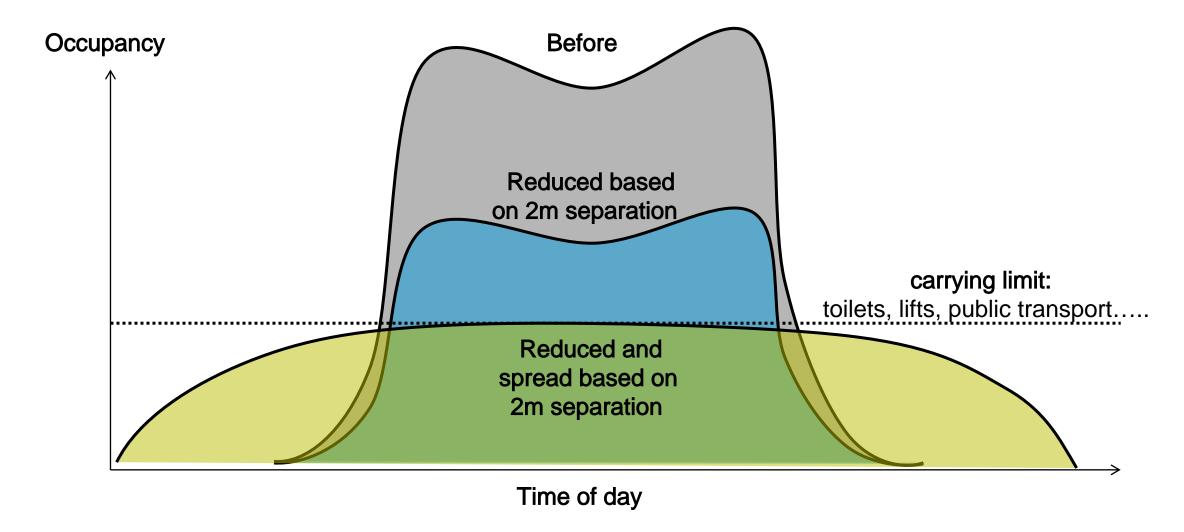


# Split staff into stable teams — cohorts — don't mix and match



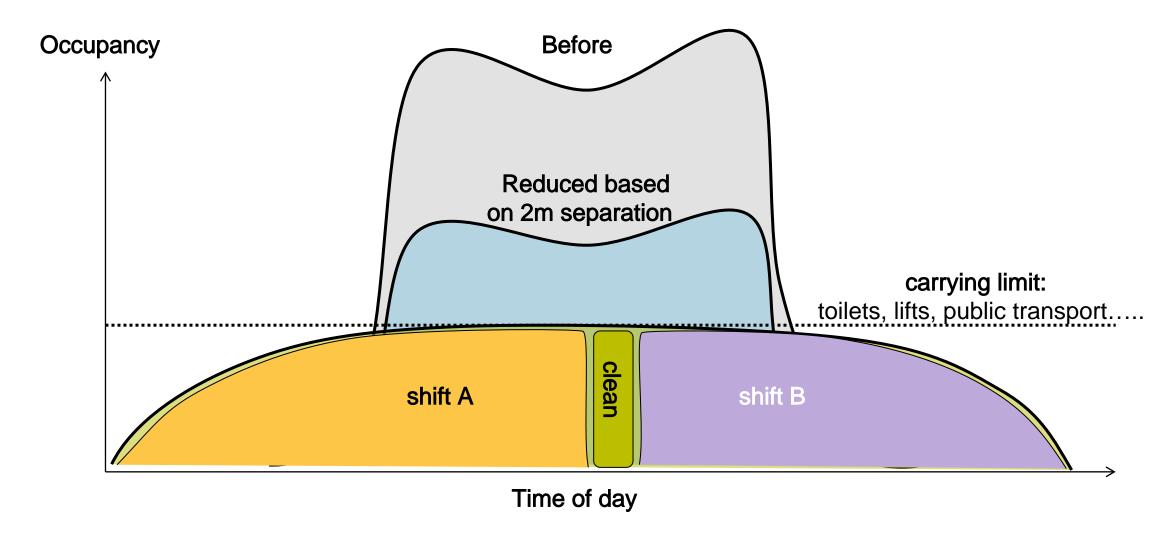


## Flatten occupancy peaks — staggered starts





## Flatten occupancy peaks — shifts and staggered starts





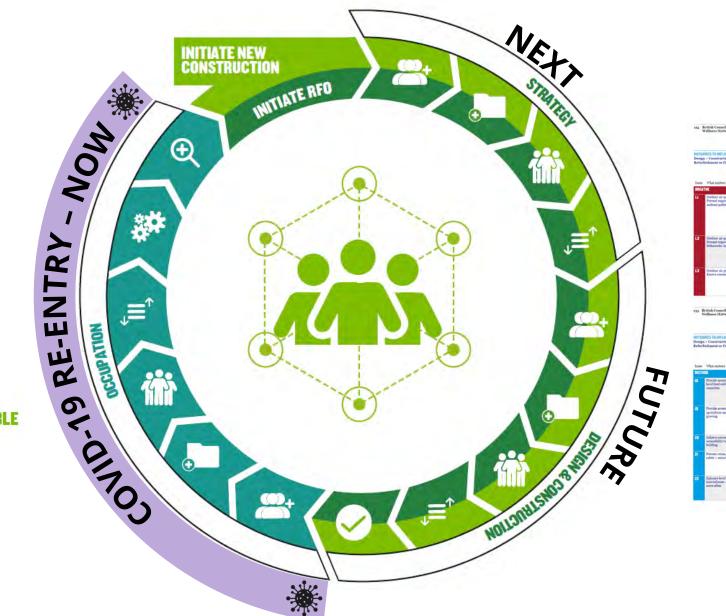
# Applying the Roadmap

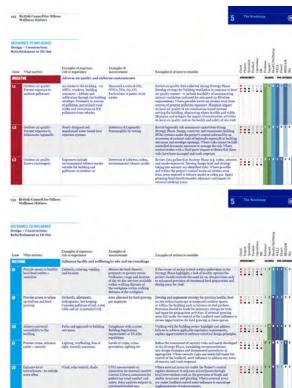




#### Wellness across the whole project lifecycle









BUILD TEAM

**GATHER DATA** 

**PRIORITISE** 

**ENACT** 

**REVIEW** 

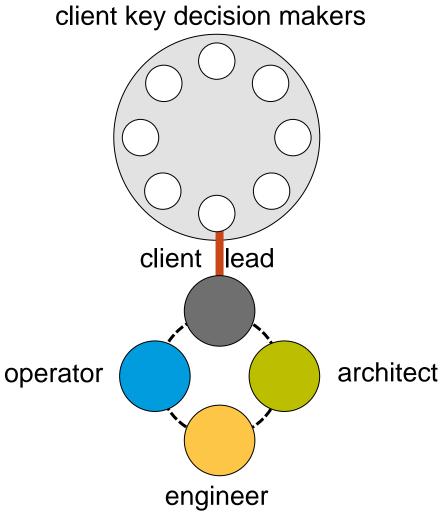
# **Build the Team**

right people, right team, right remit



# The 'Now' team is <u>small</u> and <u>focused</u> – a rapid response team







# **Key Stakeholders**

### Typically those with responsibility for:





















# **Gather Data**

understand your building and the challenges that lie ahead for your employees and teams



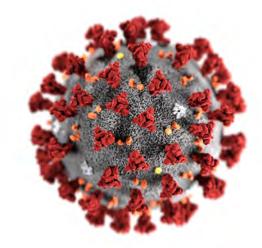
### Establish the baseline

Measuring performance of an existing workplace against health & wellbeing outcomes to reveal potential scope and scale for adaptation.



### WM Data Gathering Covered

- Occupant Survey -
- Site Investigation & Analysis
- Indoor Environmental Measurement
- Utilisation Metrics + Facilities Audits
- Maintenance Regimes + Records
- Human Resources
- Policies + Procedures



### **NEW BASELINE?**

Slight shift but broadly the same





# Survey -Additional concerns

- Vulnerable individual or family unit, both medically and in terms of abuse
- Transport prepared, willing and safe to travel?
- Mental health Ioneliness and isolation
- Equity housing quality
- Work from home access to workspace, quality of workspace, connectivity, freedom from distraction?

HR and legal minefield.



### **Audit**

- Access Routes
- High Touch Points
- Gap Assessment Well / Fitwel
- Mechanical systems

### Gather data on your policies + procedures

- Isolation plans
- Incident response
- Air quality management plans









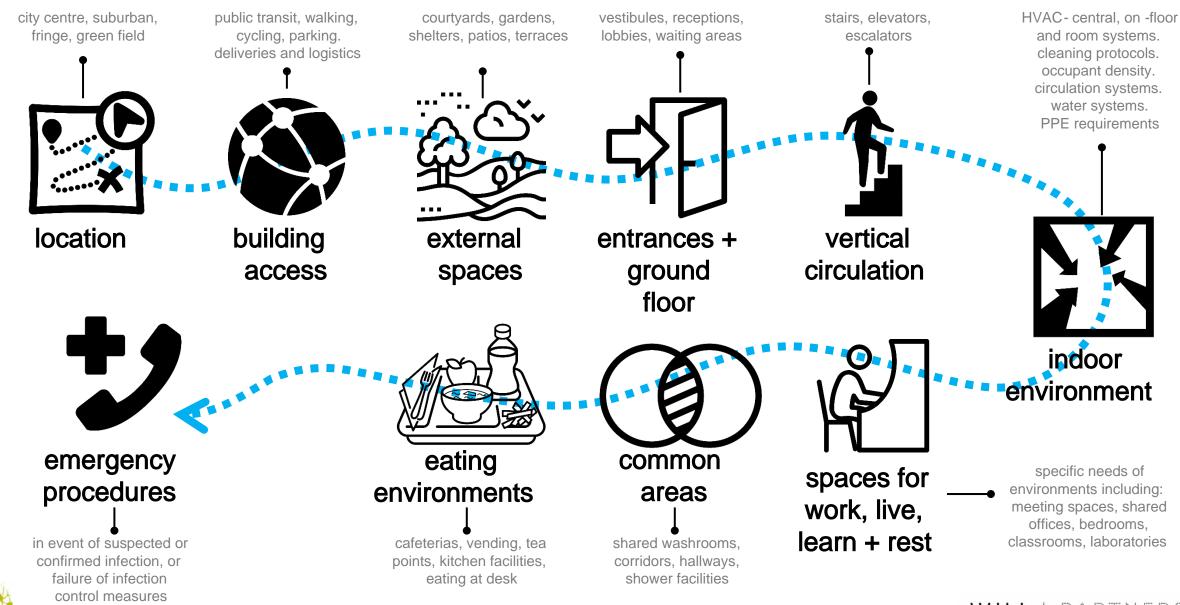






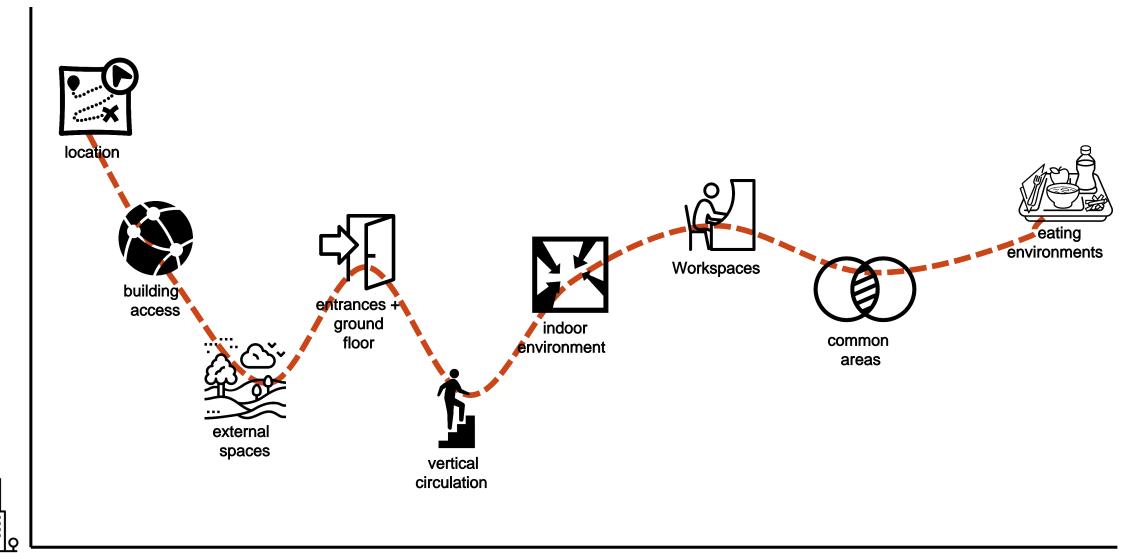


### From home to work and back again





# Perception of personal risk will be influenced by context

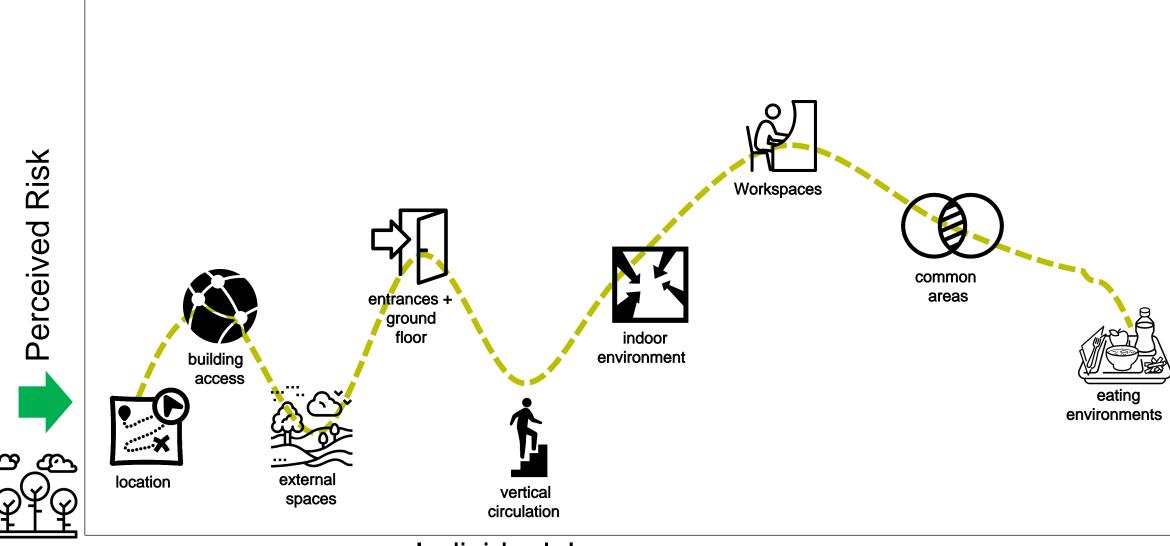




Perceived Risk

**Individual Journey** 

# Perception of personal risk will be influenced by context





# Test Fit

what might re -entry look like?

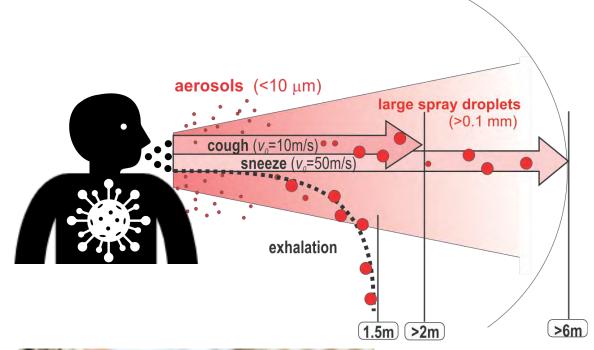


## What's the health zone metric for density?

### There is no exact answer.....yet

- Floorplates vary due to efficiency and pre -COVID established densities
- Pre COVID-19 there was evidence of correlation between density, absenteeism and presenteeism — now there is correlation, cause, biological gradient and consistency
- 1M distancing for outdoors
- 2M distancing for indoors
- 4.25, 6.5 or 9 M2 Health Zone?

Wearing a non -medical grade mask will be expected in the workplace even with distancing in place







# 64500 69012

#### 4.25m<sup>2</sup> (45.7 SF) Health Zone

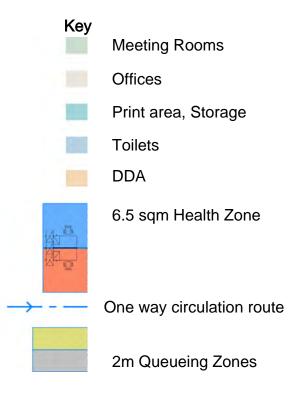
NIA	3,005 m2	32,348 ft2
	No. of worksettings	Percentage of Pre COVID
Pre COVIDWorksettings	600	100%
4.25m2 Health Zones	446	74%

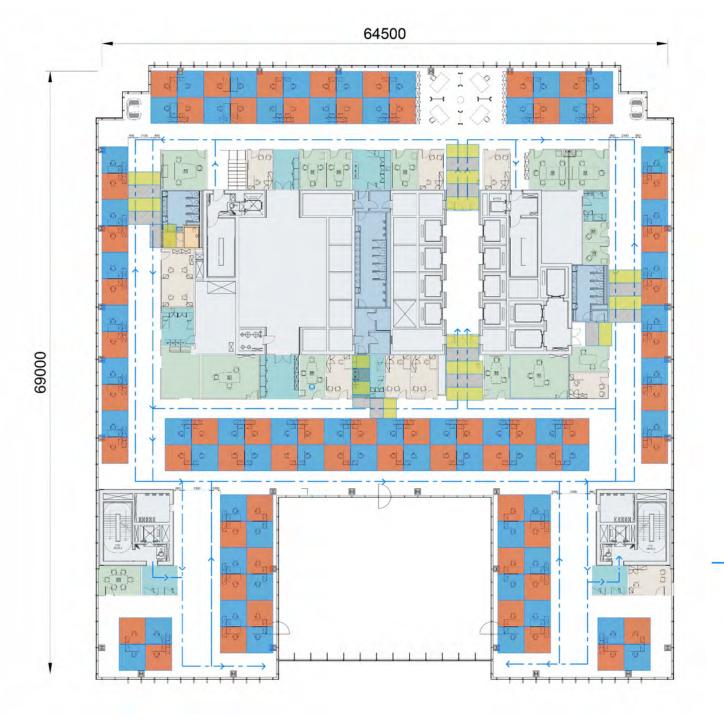
Key	Meeting Rooms
	Offices
	Offices
	Print area, Storage
	Toilets
	DDA
	4.25 sqm Health Zone
<del></del>	One way circulation route
	2m Queueing Zones

# 64500

#### 6.5 m<sup>2</sup> (70 SF) Health Zone

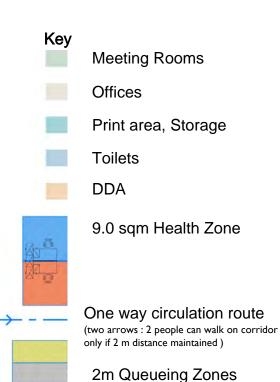
NIA	3,005 m2	32,348 ft2
	No. of worksettings	Percentage of Pre COVID
Pre COVID Worksettings	600	100%
6.5m2 Health Zone	242	40%





#### 9.0 m<sup>2</sup> (96.9 SF) Health Zone

NIA	3,005 m2	32,348 ft2
	No. of worksettings	Percentage of Pre COVID
Pre COVID Worksettings	600	100%
9.0m2 Health Zone	170	28%



#### Can the toilet provisions with social distancing meet the need?



Toilet Requirements	Population	Requirements
Pre CoVid	600	60/60
4.25 m2 Worksettings	446	54/60
6.5m2 Worksettings	242	35/60
9.0 m2 Worksettings	170	33/60













#### Review your workplace strategy

#### Not floorplate first

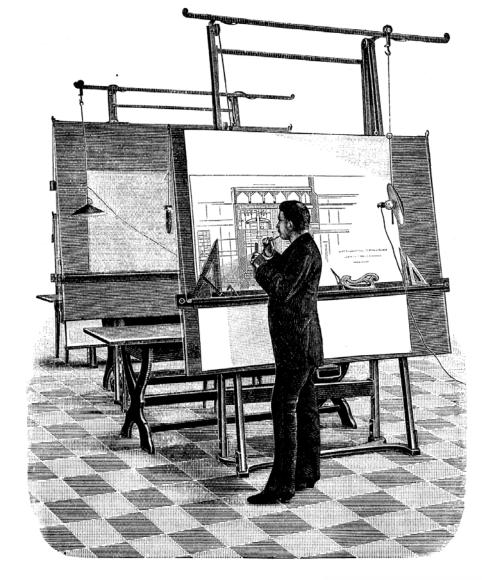
#### Check limitations from:

- Fire
- Toilets
- Lifts
- Circulation

# Right now it feels like everyone pointing at someone else

- Pain will need to be shared across tenancies in multi tenanted buildings
- Engage with landlord and vice versa

Start drawing, testing and designing







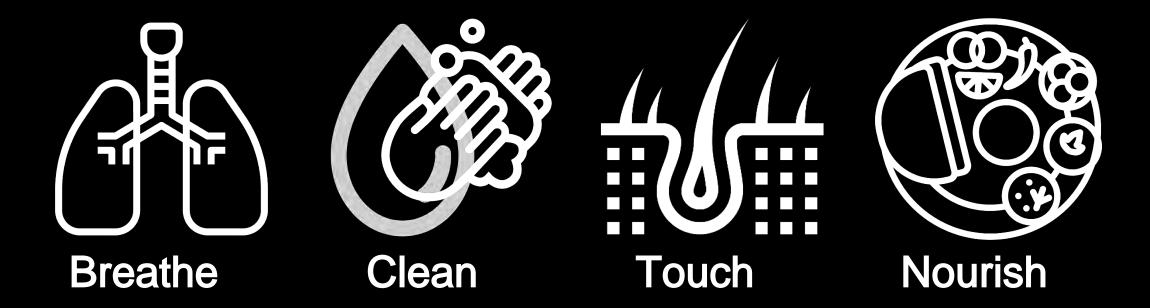
#### Explore the issues

- What does legislation require?
- What does guidance recommend?
- Who controls the outcome?
- Who needs to be in the conversation?
- What are the practical means of mitigating risk?
- What's the legal and insurance advice?
- What spatial constraints apply?
- How many employees can be accommodated?
- Who will return, when, how and why?
- Are there any show stoppers?

All related to your specific situation



# Fundamentals





#### Ventilation

Airborne transmission is an accepted risk within buildings.

Be guided by the recommendations of technical bodies applicable to your region.

These are being updated regularly, and generally becoming more onerous.

These have very significant implications on re -entry preparedness.





**COVID-19 Guidance** 

"While airborne transmission is not thought to be a primary route of transmission, there is an emerging and growing body of evidence that the SARS LoVcan also be spread through the air, particularly in poorly ventilated indoor spaces, and that ventilation provision in buildings should be reviewed in the light of this." CIBSE



"Transmission of SAR&oV2 through the air is sufficiently likely that airborne exposure to the virus should be controlled. Changes to building operations, including the operation of HVAC systems can reduce airborne exposures."

ASHRAE



#### **Ventilation Systems**

Urgently review operation and maintenance for compliance with latest guidance

#### Implications:

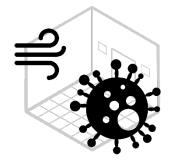
- Filtration media replacement and enhancement
- 24/7 operation to increase dilution
- Systems that normally run with recirc should be reset to 100% OA
- Energy consumption +++
- PPE for maintenance

#### Require:

- Follow detailed guidance from relevant professional bodies
- Maintain records
- Transparency between building operators and tenants

#### - Central





Indoor air quality - Prevent exposure to biohazards:



Air + ventilation
Quality,
freshness,
control +
cognitive
function



#### **Ventilation Systems**

Urgently review operation and maintenance for compliance with latest guidance

#### Implications:

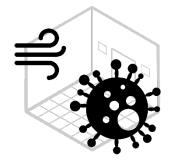
- Extended operation hours
- Demand control ventilation systems set to full operation
- Minimise re -circulation of air between rooms
- UV to cooling cools
- Filter changes, upgrades
- Shift to DOAS + radiant systems
- Energy costs

#### Require:

- Follow detailed guidance from relevant professional bodies
- Maintain records
- Transparency between building operators and tenants

#### - Local





Indoor air quality - Prevent exposure to biohazards:



Air + ventilation
Quality,
freshness,
control +
cognitive
function



#### **Natural Ventilation**

#### Maximise use of natural ventilation

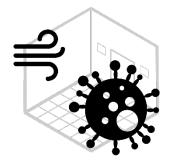
#### Implications:

- Regime for cleaning on opening mechanisms
- Increased exposure to external contaminants
- Potential thermal discomfort

#### Consider:

 Disconnect over rides to mixed mode systems





Indoor air quality - Prevent exposure to biohazards:



Air + ventilation
Quality,
freshness,
control +
cognitive
function



#### **Washrooms**

# Potential significant reduction in facility availability

#### Implications:

- Potential one in, one out operation by building operators
- Gaps in access due to more regular cleaning
- Queuing in lobbies with floor markings
- May become limiting factor on occupant densities, since ratios still apply

#### Consider:

- Engage with landlord to confirm facility strategy
- Staggered breaks likely to spread peaks of demand





Enabling good hygiene -Washroom provision



#### Washrooms + hand hygiene

# Enhanced cleaning. Seat down flush. Signage

#### Implications:

- More frequent cleaning > more frequent closure + more cleaning staff
- Seat should be closed before flush per interim WHO guidelines
- Enhanced signage for handwash, also at all sanitiser stations

- Inspect plumbing systems
- Engage with landlord on signage
- Contactless taps, soap dispensers, driers
- Keep track of complaints around skin reactions







Water -washed infections



Information hygiene



#### Cleaning regimes

More frequent and more extensive cleaning regimes to minimise surface transmission (fomites)

#### Implications:

- Increased use of chemicals indoors
- Disruption to work where more cleaning time is needed
- Interaction of cleaning staff with workforce > breaks
- Cost

#### Consider:

- Timing of cleaning services
- Cleaning products decentralised to staff at desks
- Educate / require cleaning staff to use non-toxic agents
- Signage on all desks / hot desks









Prevent exposure to biohazards through skin contact



Effective cleaning - Ease, frequency + adequacy



#### Cleaning and air quality

Risk that enhanced cleaning regimes throughout day may impact indoor air quality

#### Implications:

- Potential elevated exposure to VOCs etc that may have adverse respiratory impacts
- Impact on ventilation requirements to dilute VOCs

#### Consider:

- Collect real time data on IAQ
- Review IAQ management plans
- Engage with cleaning contractors on choice of cleaning products
- Additional air quality improving measures such as plants and free standing equipment





Indoor air
quality - Prevent
exposure to
'priority'
chemical
compounds +
respiratory
irritants



#### Effective cleaning - Waste management

# Managing waste from disposable PPE

#### Implications:

- Additional closed lid and contactless bins to manage mask and glove waste
- Removal and central management of potential biohazard waste streams
- Impacts on sustainability / waste targets

#### Consider:

- Procurement of suitable bins
- Signage and communication about waste disposal
- Engagement with cleaning contractors and landlord on waste stream management





Indoor air
quality - Prevent
exposure to
'priority'
chemical
compounds +
respiratory
irritants



#### Drinks and tea points

#### Maintain physical distancing and hygiene of dispensers

#### Implications:

- Queuing to manage
- Potential reduced provision
- Ban on refills and bring your own cups, shift to disposable
- Hand hygiene stations at all drink points
- Impact on hydration levels
- Impact on sustainability waste

#### Consider:

- Updating any equipment to improve physical distancing of dispensers
- Signs at drinking water stations
- Floor markings at tea points





Provide universal access to free drinking water



#### Kitchens and cafeteria

Shift to bring your own. Serveries with take out service only with seating areas closed or significantly reduced.

#### Implications:

- Shared and refrigerated food storage not possible
- Potential conversion to temporary workspace
- Queuing and floor markings

#### Consider:

- Engaging with staff on bring your own food
- External seating areas

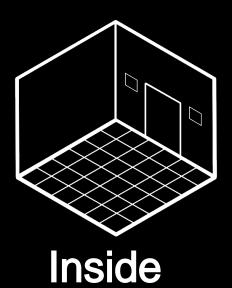




amenities

# Outside to Inside







#### Cohort formation + getting to work

Equity and health considerations in selecting those who return to work

#### Implications:

- Reduced PT capacities, and unwillingness to use may cap numbers who can return to workplace
- Cohort selection led by staff circumstances and business needs in tandem

#### Consider:

- Survey staff to understand transportation limitations
- Review WfH constraints that relate to housing quality, location and health vulnerabilities
- Supporting alternative modes of transport









Consider
workplace -based
housing quality,
location, health
+ wellbeing of
housing stock



Encourage physical activity through access to public transport



#### Preferred locations and decentralisation

Greater constraints on city centre, multi -storey and transit oriented locations where densities are highest

#### Implications:

- Choice of locations to maintain or mothball
- Increasing demand for out of town / city fringe locations easily accessible by private car
- Increase in transport related carbon footprint
- Pressure on parking availability

#### Consider:

- Consider all offices in your reentry strategy, rather than office by office in isolation
- Diversify geographical exposure in light of future localised re -closure risks







Consider
workplace -based
housing quality,
location, health
+ wellbeing of
housing stock



Encourage physical activity through access to public transport

#### Cycling

# Greater % of employees choose to cycle to work

#### Implications:

- Cycle storage insufficient
- Cycle store dimensions and 2m/6ft distancing
- Showers and change facilities may be closed by building operator or operate on single user basis

#### Consider:

- Survey staff on bike use
- Policy on bikes on office floor
- Engage with landlord to confirm their plans





Encourage physical activity by providing support for running, walking and human - powered transit



#### **Building Access**

Screening and spacing of building users at entrance. Reconfigured reception and waiting areas

#### Implications:

- Temporary vestibules may be needed
- Screening of reception staff from building users
- Restrictions on visitors
- Temperature checks or contact tracing app status verification
- Enclosed waiting areas with negative pressurisation
- Touchless security passes

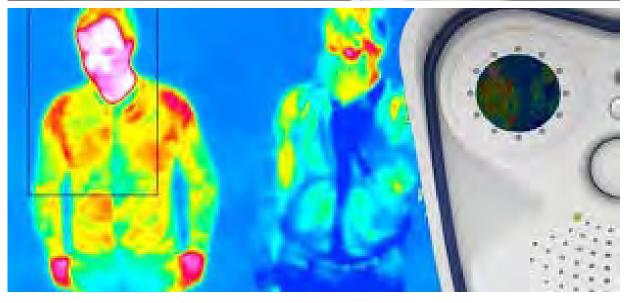
#### Consider:

 Engage with landlord to confirm their plans





Prevent crime, enhance of safety + security





#### Lifts

# Lift occupancy limited by operator and/or user choice

#### Implications:

- Single use occupancy dramatically reduces viable occupancy on floor, especially in tall buildings
- Queuing at lobbies, congestion at ground floor
- Accessibility by mobility impaired may be impacted

#### Consider:

- Floor markings to manage queues
- Staggered shift starts
- Prioritising least mobile users
- Encouraging stair use







Encourage physical activity - Circulation



Universal accessibility - Inclusive environments within the Building



#### **Stairs**

Greater % of staff use stairs vs lifts due to wait times, limits on use and fear of close proximity

#### Implications:

- Stairs may be designed primarily for fire escape – cannot sustain 2m separation
- Doors are high touch surfaces tempting to wedge open

#### Consider:

- One way stairs one up, one down
- Automatic closers on fire alarm
- Signage and floor markings





Encourage physical activity - Circulation



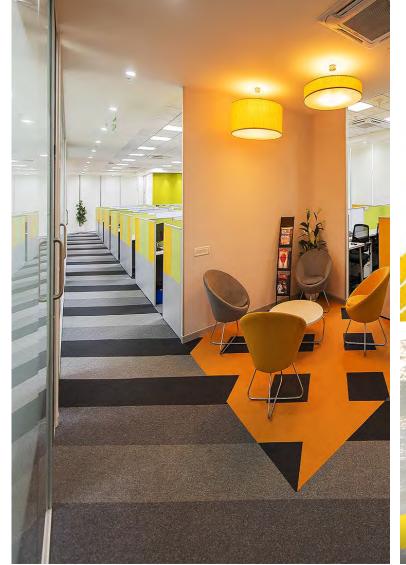
#### **Corridors**

# Maintaining separation from workstations and passers by

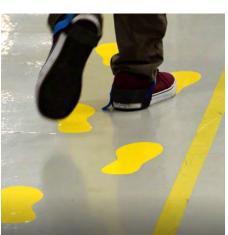
#### Implications:

- One way routes through office
- Planned to avoid contact with users at workstation

- Floor markings
- Separating workstations from corridors to maintain distancing





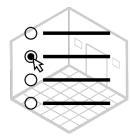




Encourage physical activity - Circulation



#### Constrained choice and loss of variety











Effective space management + working environment diversity

Meeting needs for privacy + retreat

Meeting needs for shared spaces - breakout, rest areas and eating



#### Workstation Ergonomics

Revised layouts that may limit access to active workstations

#### Implications:

 Staff that previously had sit/stand desks may not have same levels of access

#### Consider:

 Maximising the proportion of stations that are 'active'







Provide adequate storage



#### Workplace Storage

Rotating cohorts + cleaning leads to clean desk strategy – staff need onsite storage

#### Implications:

- Areas dedicated for staff lockers
- Provision of mobile storage units assigned to individual staff

#### Consider:

- Spatial impacts
- Cleaning regime





Provide adequate storage



#### Engage with staff first

Spaces for meditation and faith use present challenges for social distancing

#### Implications:

- Maintain provision where possible – or convert to workspace?
- Impact on worship and mental health

#### Consider:

 Engage with staff before removing provision





Providing relaxation or meditation and contemplation and faith spaces



#### Maintain your provision

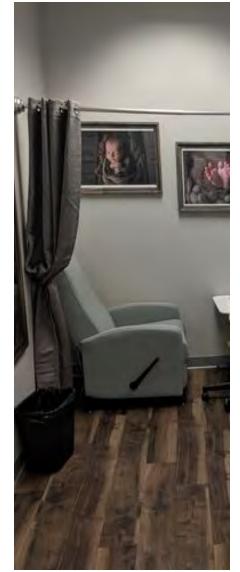
WHO encourages mothers to continue breastfeeding and therefore lactation rooms will still need to operate. Local laws still apply

#### Implications:

Maintain provision

#### Consider:

Enhanced cleaning regime







Supporting infant and mother health lactation



# Managing the Conversation



# New workplace needs to meet user needs Can it be better than work from home for all users?

















Building better relationships and

nurturing friendships

Replace "normal" means of building and nurturing professional relationships

#### Implications:

- Chance encounters reduced / eliminated
- Considerations for introvert, extrovert, ambivert personality types to replace work settings

- Online networking events specially designed to foster individual, team and shared connections
- Comms/Training to support vulnerable







#### Feeling engaged, included and valued

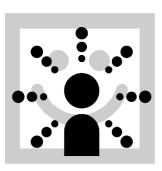
Engaging employees with changes to their physical workspace.

#### Implications:

- Rethink feedback strategy
- Need to manage expectations through regular open communication

- Regular staff surveys both in office and WfH
- Engage on changes to welfare provisions







#### Wellness Tracking

Evolution of the fitness / wellness tracking and gadget experience

#### Implications:

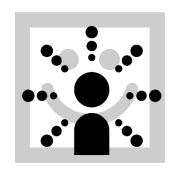
- Gadget ownership equity
- Privacy considerations
- Risk related to non -compliance

- Implications of mandating COVID tracking and enforcement
- Technology updates in buildings to enable tracking
- Communicating pros & cons to employees











# Re-entry Planning



NOW interim re-entry

NEXT long term re-entry

FUTURE

new resilient

vision for

wellness + work

COVID-28 COVID-53 re-close FUTURE NEXT NOW interim re-entry new resilient vision for wellness + work

# Preparing to return - review workplace strategy 2-4 months, 6-12 months, 24 month plans



#### Return Strategy

- 1. Review and revise density
- 2. Identify who returns when and why– weekly timings
- 3. Review floorplate design Architecture and MEP
- 4. Strategically identify who comes back first and why
- 5. Establish:
  - safety protocol
  - continuity plan
- 6. Enhanced communication and collaboration for 6, 12 and 24 months



#### Workplace Prep

- 1. Design
- 2. Wellness design
- 3. Behaviours
- 4. Navigation and signage
- 5. Revised workplace strategy
- 6. New protocols
- 7. New cleaning and hygiene program
- 8. How can technology help?



#### Preparing your people - review workplace strategy



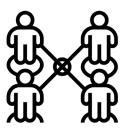
#### **Protocols and Trust**

- Keeping performance
- Establishing a new sense of belonging
- Keeping collaboration



#### Establish your Healthy Space

- Density
- Unassigned or assigned
- Space calculations



#### **New Normal**

- Flexibility and density
- Choose what matters
- Prioritise for Business continuity



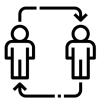
#### **New Behaviours**

- At home
- At the office
- Keeping distance





#### The purpose of the office — buildings give messages



Person to person connection



**Wellness Matters** 



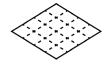
Identity and belonging



Speed of design change has accelerated — it's inspiring (and we still use pencils)

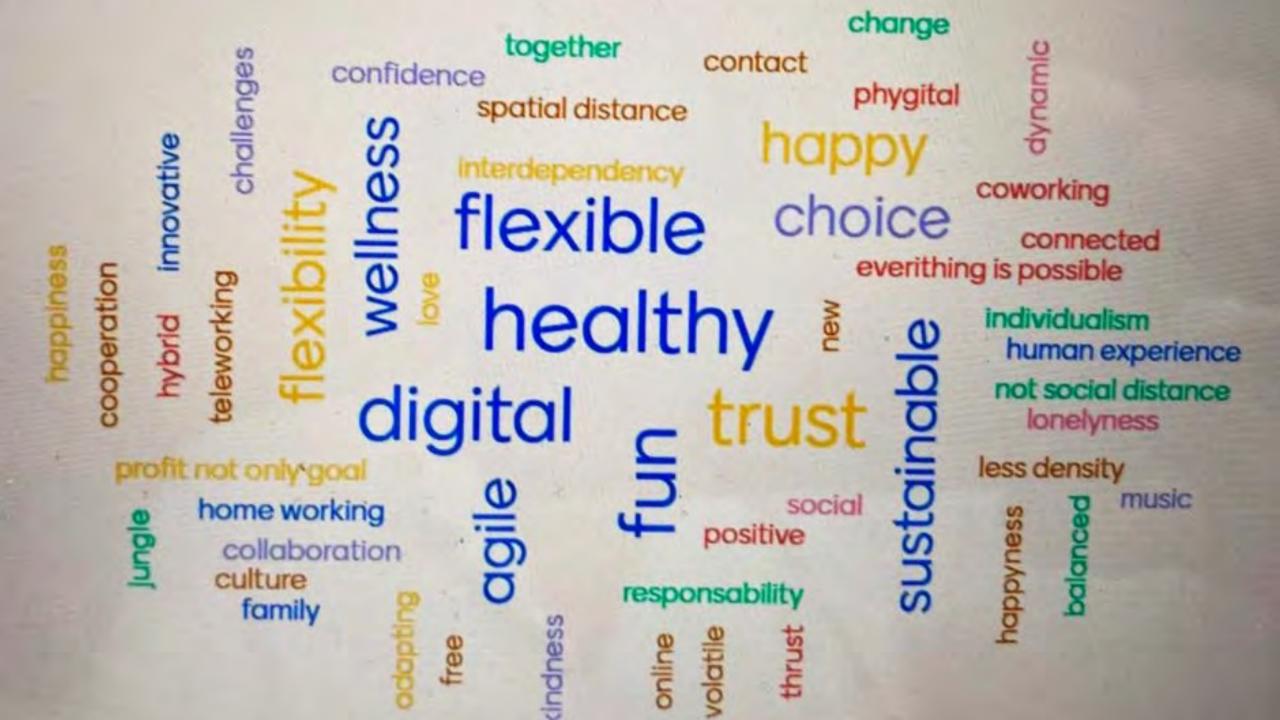


Different work settings for different use types



More, less or just simply the same SQM/SF? Volume doesn't change





#### Key Takeaways + Q&A

- 1. **Health first** public and personal
- 2. Workplace reset question everything
- **3. Re-entry is fluid** −25% .... 50% ... rclose, repeat?
- 4. Significant risk that can be mitigated
  - 1. Engagement with staff
  - 2. Liaison with landlords and neighbours
  - 3. Technical evaluations test fit and deep dive
  - 4. Track industry guidance changing rapidly
- 5. Wellness Matters ... more than ever

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**#BCOWellnessMatters** 

