

CHALLENGE: WORKPLACE WELLBEING_01

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CORENET
GLOBAL | **HACKATHON**
A COVID-19 Virtual Ideation Experience



AGENDA

- Our Approach
- Guiding Principles
- Workplace Readiness
- Workforce Readiness
- Work Rules
- The Workplace Wellbeing Matrix
- Conclusive Summary

HACKATHON



OUR APPROACH

	WORKPLACE	WORKFORCE	WORK RULE
IMMEDIATE RESPONSE	Sanitisation / Hygiene	Adjust to new norms	Minimum workforce
TRANSITION	Workspace Strategy	Participate and Ideate	Flexible working
FUTURE	Human centric well being driven	Tech enabled	Technology driven

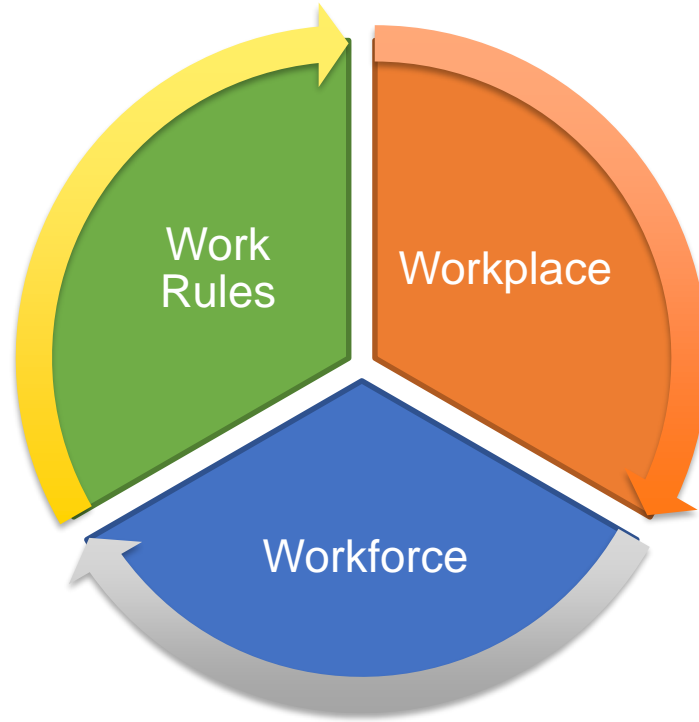
WELLBEING

Helping people thrive



GUIDING PRINCIPLES

Rules need to be revised
to focus on the wellbeing



Buildings shape our
routines and habits

People are a company's largest asset



Sanitisation/ Hygiene

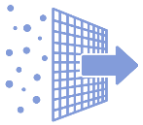
- Develop and guide healthy workplaces a model for action.
- Personal hygiene/etiquette
- Entry screening for all occupants and Hand's free optimization for all high touch point.
- Cleaning protocol

Workspace Strategy

- Building condition assessments before occupying - Building flushing and IAQ Assessment.
- Hand-washing infrastructure & Provision
- Occupancy optimization.

Human centric well being driven

- Employee engagement- Build awareness on Workplace wellbeing.
- Provide structured support for special work arrangements during an outbreak.



Adjust to new norms

- Occupant behaviour changes
- Social distancing.
- Indoor air quality

Participate and Ideate

- Respect the choice of an employee
- Employees Moral boosting
- Mental fitness activities like Meditation, Yoga etc.
- Organization training and enhancing employee engagement

Tech Enabled

- AI Based entry screening
- Nano particle-based disinfection systems | Touchless interface (Voice Command)



WORKPLACE RULES

- Meeting room seats to be reduced to 50% (Preferred to be on Virtual).
- Checkerboard – Alternate seating for main workplace
- Self - Clean Desk policy may be imposed
- Provide relevant educational resources for the target population.
- Training program in place for facilities management staff and/or other providers
- Thermal scanning
- Scanning for safety gear.
- Include signage at the sink promoting proper handwashing techniques.
- Have clear response procedures in the event of any suspect on symptoms.



THE WORKPLACE WELLBEING MATRIX



IDEA

CONNECT



SOLVE

PRESENT



CONCLUSIVE SUMMARY

Immediate design interventions

- Handsfree system enhancement,
- Technology intervention for enhanced personal hygiene and workplace hygiene
- Creating space division and classification for better wellbeing.
- Sensor based AI systems to control physical distancing.
- Regulated movement in shared spaces.
- Self-cleaning nanoparticles (TiO₂) , which are photocatalytic.
- Usage of mechanized tools for disinfecting.
- Foot pedal operated /Sensor based taps.
- Sensor based soap dispensers.
- IoT enabled Dashboards
- Cloud based reporting
- Improving the engineering controls using the building ventilation system.
- Increase ventilation rates & percentage of outdoor air that circulates rate.
- Diet based food intake awareness session.
- Implement evidence-based restorative design strategies and building features in existing buildings.
- Provide structured support for special work arrangements for the employees working from home.
- End of trip (EoT) facilities in office spaces- Cycling, Jogging or Walking inside, outside and in between the buildings.



CONCLUSIVE SUMMARY

Transformation needed for the future

- AI sensor based Intelligent BMS
- AI based Staff temperature monitoring system
- Future interface enabled by voice command or smart cards to open doors & operate lifts
- UVGI system for AHU cooling coil.
- WELL and LEED standards for Indoor air quality and ventilation parameters.
- Flexibility with WFH for few days a week to control occupancy.
- AI based desk allocation; meeting room based on the workspace strategy.
- Desks integrated with UV light cleaners which can be sensor activated
- Usage of Drone based disinfection application.
- Hand dryers equipped with HEPA compliant filters.
- Touchless interface from elevator to access control doors to coffee machines.
- AI to test Indoor Air quality with real time data to control fresh air intake, filtration processes, set off cleaning and maintenance protocols
- Health tracking system in wearables to track real time data
- Develop mental health support plans
- If required Mental health Emergency services.
- Workstation Chairs can have provision for reclination- for a quick nap
- A dedicated physical activity space that is at least 370 M²

