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## MANAGING AIR QUALITY IN ORTIGAS, PHILIPPINES

# HEALTHY BUILDINGS AND INDOOR AIR QUALITY... IN A POST PANDEMIC WORLD



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PRESENTER

## NICE TO MEET YOU



**JACK NOONAN**

Vice President – Asia Pacific  
International WELL Building Institute  
(Melbourne)

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## ▶ THE TEAM BEHIND WELL



**INTERNATIONAL  
WELL  
BUILDING  
INSTITUTE™**

The International WELL Building Institute (IWBI) is leading the global movement to transform our buildings and communities in ways that help people thrive.

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**OUR MISSION IS SIMPLE:**

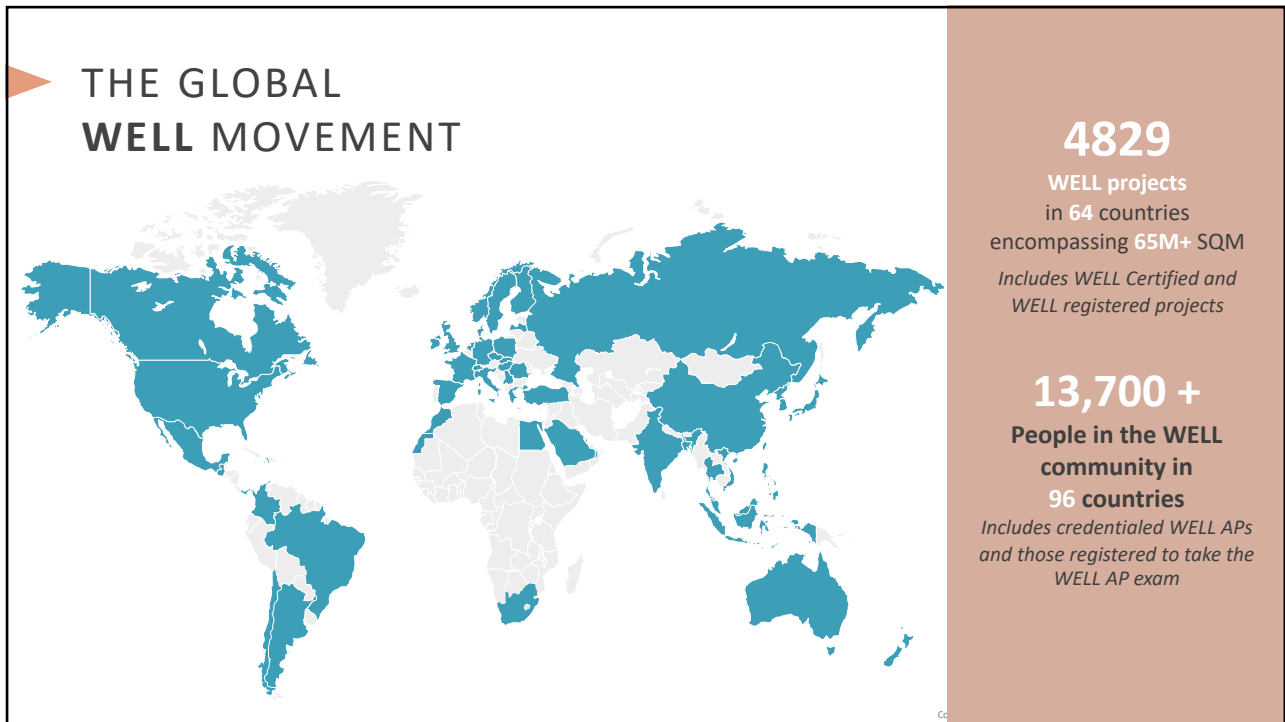
**HELP PEOPLE THRIVE**

**THROUGH BETTER BUILDINGS.**

**BETTER BUILDINGS • HEALTHY PEOPLE**

**STRONG COMMUNITIES • A THRIVING PLANET**

**REVOLUTIONARY ORGANISATIONS**





If managed poorly, [buildings] can spread disease. But if we get it right, we can enlist our schools, offices and homes in this fight.



Joseph Allen, DSc, MPH

Co-Chair, IWBI Special Task Force on Coronavirus  
Assistant Professor of Exposure, Assessment Science  
Department of Environmental Health,  
Harvard T.H. Chan School of Public Health

## WELL STRATEGY

REDUCE INDOOR AIR QUALITY  
ISSUES BY PROVIDING ADEQUATE  
VENTILATION AND FILTRATION

Applicable features from WELL v2:

- Ventilation Effectiveness, WELL Feature A03
- Enhanced Ventilation, WELL Feature A06
- Operable Windows, WELL Feature A07
- Air Filtration, WELL Feature A12
- Microbe and Mold Control, WELL Feature A14



## WELL STRATEGY

### MANAGE HUMIDITY & CONTROL SOURCES OF INDOOR MOISTURE

Applicable features from WELL v2:

- Moisture Management, WELL Feature W07
- Humidity Control, WELL Feature T07



## EVIDENCE-BASED APPROACH TO HELP SUPPORT SPACES THAT ADVANCE HEALTH AND SAFETY

### IWBI

#### TASK FORCE

On COVID-19 & Other Respiratory  
Infections: Prevention and  
Preparedness, Resilience and  
Recovery

The genesis of the rating was feedback from the IWBI Task Force on COVID-19, a group of nearly 600 public health experts, virologists, government officials, academics, business leaders, architects, designers, building scientists and real estate professionals established in late March 2020 to inform IWBI's response to the pandemic.



### INSTITUTIONAL KNOWLEDGE

Guidance on the spread of COVID-19 and other respiratory diseases developed by the World Health Organization (WHO), U.S. Centers for Disease Control and Prevention (CDC), global disease control and prevention centers, emergency management agencies, recognized standard-making associations, and leading academic and research institutions.

### WELL BUILDING STANDARD

A sub-set of evidence-based strategies, adapted for facilities operations and management, from the WELL Building Standard

### WELL ADVISORIES

Industry experts and researchers across the WELL Concept Advisories, the WELL Research Advisory, the WELL Advisory for Sports and Entertainment Venues, the WELL Advisory for Hotels and Resorts and the WELL Airport Advisory also provided extensive insights





The **WELL Health-Safety Rating** is an evidence-based, third-party verified rating focused on operational policies, maintenance protocols, emergency plans, and stakeholder education and engagement to address a post-COVID-19 environment now and broader health and safety-related issues into the future.



#### Operational Policies

Adoption of policies and procedures to facilitate a healthy and safe workplace or facility.



#### Maintenance Protocols

Implementation of facilities management and maintenance protocols designed to reduce the risk of infectious disease transmission.



#### Emergency Plans

Development of emergency plans and protocols that, when applied, help to safeguard building users.



#### Stakeholder Education and Engagement

Regular communications, education and signage that capture important updates, activities and information.

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## APPLICABLE FOR ANY FACILITY TYPE



Sports & Entertainment



Movie Theaters



Hotels & Resorts



Restaurants



Offices



Education



Retail



Multifamily



Industrial

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## WELL HEALTH-SAFETY RATING: REOPEN WITH CONFIDENCE



**FLEXIBLE:** Applicable for large and small organizations alike across all facility types. Users can pursue the strategies that reflect their specific needs and goals, with the option to adjust their approach at each annual renewal.



**SCALABLE:** Provides a framework for helping organizations to efficiently develop, implement and validate health and safety protocols and plans across multiple properties with streamlined documentation pathways and scalable pricing.



**VERIFIED:** Anchored in third-party document review and annual verification of policies, protocols and strategies through Green Business Certification Inc. (GBCI), instilling confidence in an organization's stakeholders.



**ACCESSIBLE:** Priced for accessibility, with a focus on interventions that require little to no capital expenditure.

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## LOOK FOR THE SEAL



Communicate to  
Build Confidence

The WELL Health-Safety seal can be placed on every space that has earned the rating as a visual mark to indicate the work an organization has done to apply measures mapped to scientific evidence that help to support the health of individuals in a post-COVID-19 world.



## Why this rating matters now

Created in response to the COVID-19 pandemic and consisting of operational interventions that can be made to help mitigate its spread, including five key themes covered in the rating.





## WELL HEALTH-SAFETY RATING KEY AREAS

- Cleaning and Sanitisation Procedures
- Emergency Preparedness Programs
- Health Service Resources
- Air and Water Quality Management
- Stakeholder Engagement and Communication

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## CLEANING & SANITISATION PROCEDURES

### GET TO KNOW THE FEATURES



- Support Handwashing
- Reduce Surface Contact
- Improve Cleaning Practices
- Select Preferred Cleaning Products

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## EMERGENCY PREPAREDNESS PROGRAMS

### GET TO KNOW THE FEATURES

- Develop Emergency Preparedness Plan
- Create Business Continuity Plan
- Plan for Healthy Re-Entry
- Provide Emergency Resources
- Bolster Emergency Resilience



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## HEALTH SERVICE RESOURCES

### GET TO KNOW THE FEATURES



- Provide Sick Leave
- Provide Health Benefits
- Support Mental Health Recovery
- Promote Flu Vaccines
- Promote a Smoke-Free Environment

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## AIR AND WATER QUALITY MANAGEMENT

### GET TO KNOW THE FEATURES



- Assess Ventilation
- Assess and Maintain Air Treatment Systems
- Develop Legionella Management Plan
- Monitor Air and Water Quality
- Manage Mold and Moisture

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## STAKEHOLDER ENGAGEMENT & COMMUNICATION

### GET TO KNOW THE FEATURES

- Promote Health and Wellness
- Share Food Inspection Information



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## Leading the Charge

Global Champions to Achieve the WELL Health-Safety Rating

"We have pioneered and showcased many sustainability practices through our renovations at the Empire State Building – practices we subsequently rolled throughout our entire portfolio. We believe in the power of building performance to improve employee productivity and wellness. Third party validation from the International WELL Buildings Institute confirms that Empire State Realty meets and exceeds the most stringent features of healthy buildings."

**DANA ROBBINS SCHNEIDER**  
Senior Vice President of Energy,  
Sustainability and ESG  
**Empire State Realty Trust**





"We were so very excited about the WELL Health-Safety Rating that on the day of launch we committed an office portfolio of 17 million square feet under this rating system. We are sure that the validation of our policies, procedures and protocols from an organization like IWBI will enhance member confidence while returning to work during these challenging times."

**THIRUMAL GOVOMDRAJ**

Managing Director of the Executive Board,  
RMZ Corp



"Given that the WELL Health-Safety Rating criteria have been informed by renowned experts and standard-making bodies in this field gives us confidence that we are taking appropriate preventative measures to support the health and safety of our players, field staff, employees — and eventually fans."

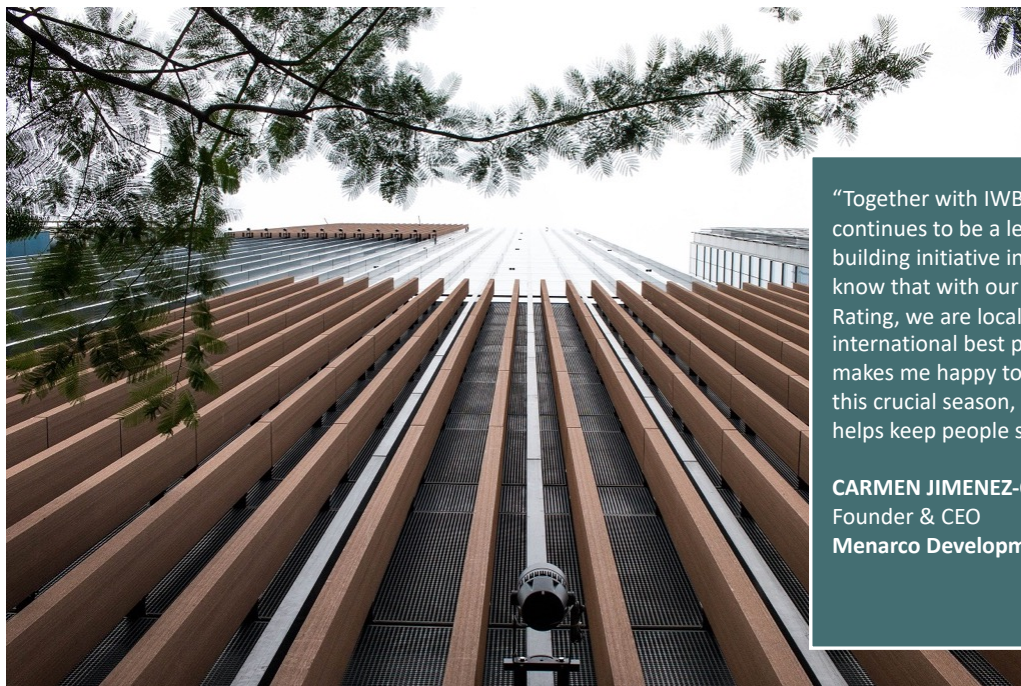
**DOUG BEHAR**

Senior Vice President of Stadium Operations  
The New York Yankees



"Implementing the WELL Health-Safety Rating for our own facilities provided us an opportunity to familiarize our staff with the knowledge and nuances necessary to achieve the rating. The award is a testament to our commitment that EMSI follows the world's leading standard and the best practice when it comes to human health sustainability."

**Dr. Yi Chun Huang**  
General Manager  
Environmental Market **Solutions**  
Inc. (EMSI)



"Together with IWBI, Menarco continues to be a leader in the healthy building initiative in Southeast Asia. We know that with our WELL Health-Safety Rating, we are locally executing international best practices, and it makes me happy to share that during this crucial season, Menarco Tower helps keep people safe and well."

**CARMEN JIMENEZ-ONG**  
Founder & CEO  
**Menarco Development Corporation**





## 2gethr

Professionals in Bangalore, India, can now enjoy what has been perceived as “a coworking space where the coolest in town hang out” with a sense of health and safety.

## NEXT STEPS

- 01 **SUBSCRIBE** FOR WELL UPDATES:  
<https://www.wellcertified.com>
- 02 **REGISTER** FOR A WEBCAST:  
<https://www.wellcertified.com/events>
- 03 **BROWSE** OUR LATEST ARTICLES:  
<https://www.wellcertified.com/articles>
- 04 **JOIN** OUR MEMBERS  
<https://www.wellcertified.com/membership>


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