

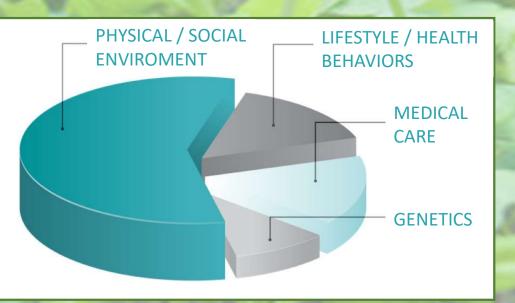
As of 2018, 1-in-4 dollars under professional management in the U.S. was devoted to sustainable, responsible or impact investing strategies. At \$12 trillion, the sustainable investing field has more than tripled since 2012.

- Morgan Stanley











Centers for Disease Control and Prevention, NCHHSTP Social Determinants of Health: Frequently Asked Questions. 2014; https://www.cdc.gov/nchhstp/socialdeterminants/fag/html. Graphic: IWBI





Chicago Sustainable Development Policy 2017.01.12 Compliance Options Sustainable Strategies Menu Points Required Compliance Options Health Compliance Paths Options Without Certifi All Options Available 0 0 0 0 0 0 0 ber of Optional Points Required Corstudion / Substantial Rehab / Mod 1.1 Achieve WELL Building Standard EED Gold 10/3/10 40 NA NA NA NA NA SO 10 20 10 20 40 5 5 5 5 5 20/3/10 40 NA NA NA NA NA O 50 10 20 10 20 40 5 5 5 5 5 5 5 30/3/10 40 NA NA NA NA 40 50 10 20 10 20 40 5 5 5 5 5 5 Green Globes 4-Globes Green Globes 3-Globes NA NA NA NA NA NA NA NA NA 10 20 40 5 5 5 NA NA NA 10/0/0 40 NA 20 30 40 50 NA NA 10 20 40 5 5 5 5 NA 5 iving Building Challenge Petal 20/0/0 40 NA NA NA NA NA NA 10 20 10 20 40 5 5 5 5 5 30/0/0 40 NA NA NA NA NA NA 10 20 10 20 40 5 5 5 5 5 5 anned Development Projects (PD) - New Construction F Funded Development Projects (TIF) - New Construction PD Housing, Multi-family (>5 units) Projects (DPD-H MF) - New (PD, TIF, DPD-H MF and Class L - Renovation Projects* Moderate Renovation Projects Compliance Paths Substantial Renovation Projects *does not apply to TIF assistance of less than \$1M (including but not limited to TIF-NIF Options Without Certification Streamlined TIF and SBIF programs) All Options Available 0 100 / 50 / 25 40 Options With Certification LEED Platinum 95 5/0/0 40 LEED Gold 90 10/0/0 40 LEED Silver 40 Green Globes 4-Globes 90 40 10/0/0 Green Globes 3-Globes 80 40 20/0/0

Green Globes 2-Globes

Living Building Challenge

PassiveHouse

Living Building Challenge Petal

Enterprise Green Communities*

70

38/0/0

0/0/0

10/0/0

20/0/0

40

40

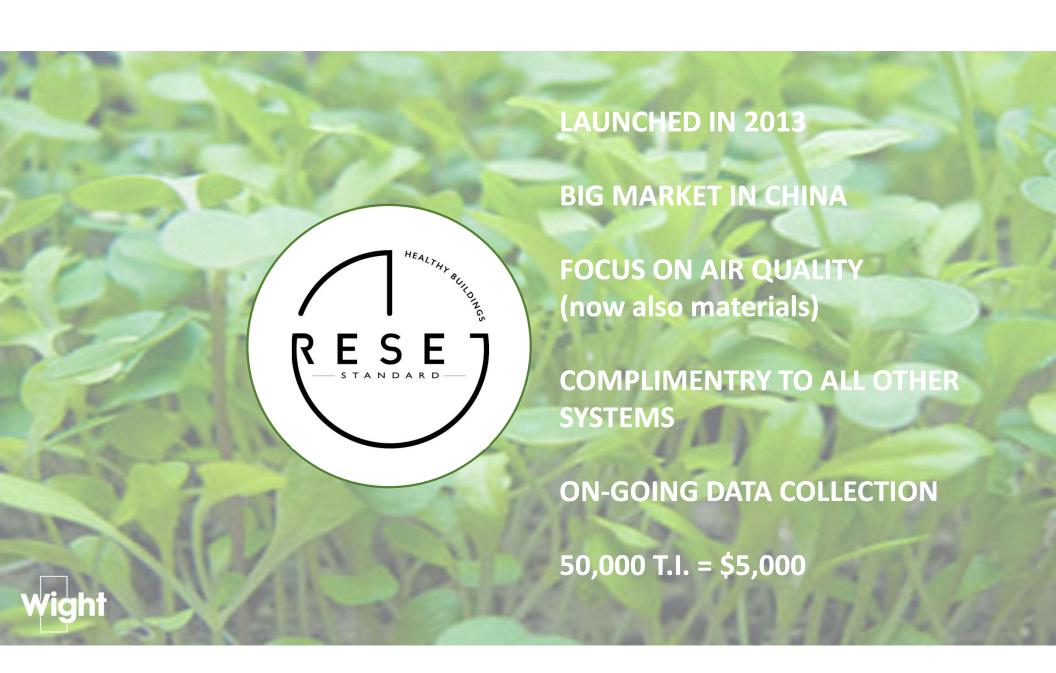
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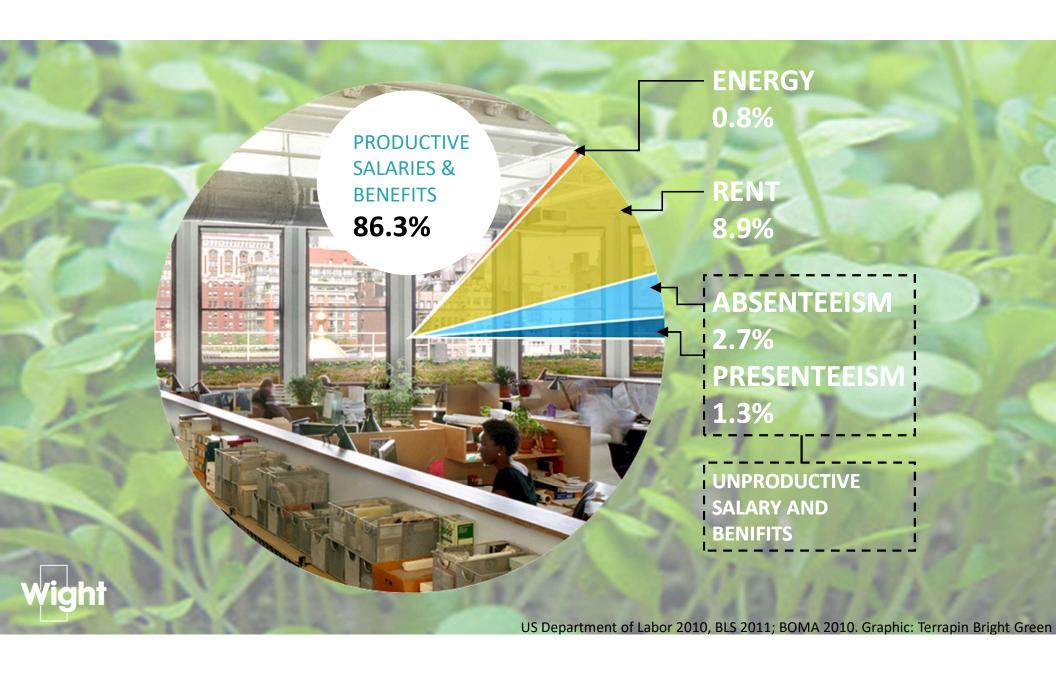
GRESB HEALTH & WELL-BEING INDICATORS

- Provide companies, funds, and investors with a tool to understand and compare health promotion practices and performance.
- Module had robust participation (>71%) and is now part of the GRESB assessment.









"Globally, we are seeing investors apply environmental and social performance, not only to be a good corporate citizen but as **an indicator of delivering long-term risk adjusted returns.**

"Well-being is one of the driving factors for creating the best precincts where people want to work, and our tenants see wellness as a way to attract and retain the very best people."

lendlease

Josh McHutchison Managing Director, Lendlease Investment Management Australia





CASE STUDY I:

RESET CORE AND SHELL

- VOC over-limit alert from tenant renovation
- Occupant 'walk-out'
- Building owner: 90 seconds to identify the source
- Building owner: < 20 minute resolution time
- Result: increase in trust







CASE STUDY II:

STANDARD BUILIDNG

- VOC emissions from tenant renovations (retail)
- Contamination of entire office tower
- No monitors. No notifications.
- Next day occupant 'walk-out' for entire building
- Full building flush-out
- 1-5 days for occupants to return
- One year to rebuild trust



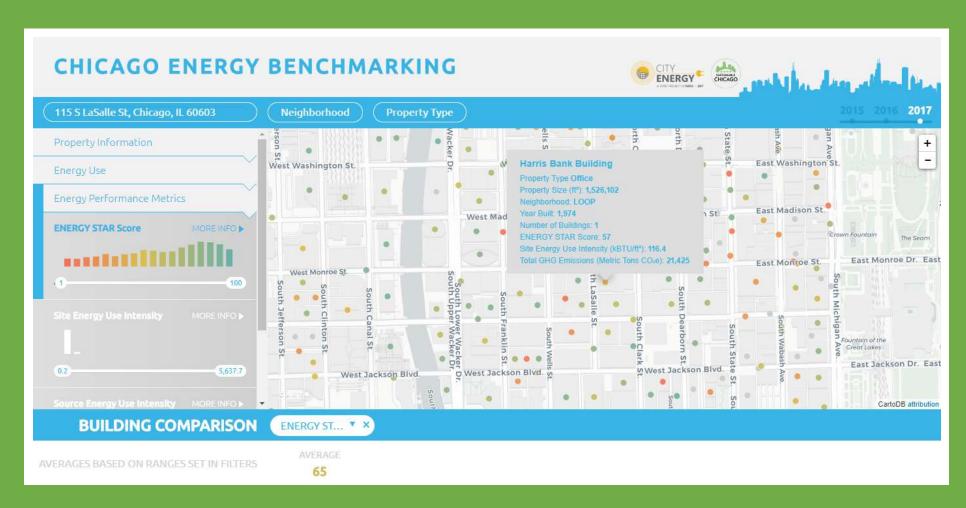
Home / Sensors

The best indoor air quality monitors: Identify the pollutants that can compromise your health and comfort

Whether you suffer from allergies or asthma or just want to optimize your indoor environment, these devices will give you insight into the air you're breathing.

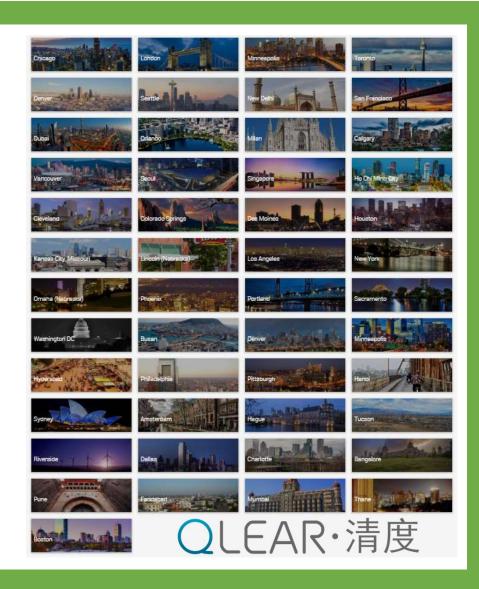








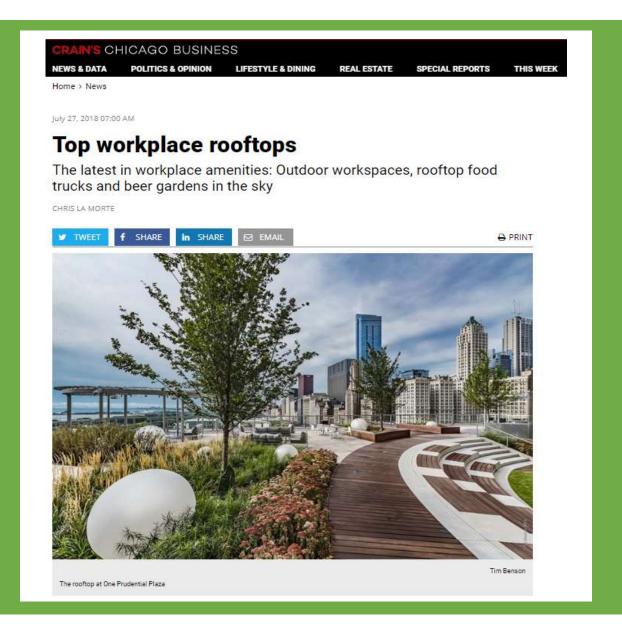
Global Cities
with Air Quality
Reporting Posted
on Qlear.















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Policy & Public Interest

People & Culture

Tishman Speyer Launches Global Tenant Health and Wellness Initiative with Fitwel® Certification of its Portfolio

Real Estate Leader To Introduce Center for Active Design's Fitwel Certification To China, Brazil, India, Germany and France







NEWS PROVIDED BY Tishman Speyer →

Oct 23, 2017, 12:32 ET

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NEW YORK, Oct. 23, 2017 /PRNewswire/ -- Growing its focus on the importance of healthy workplace environments, Tishman Speyer today announced a partnership with the Center for Active Design's (CfAD) building certification system Fitwel. Fitwel is the leading global health certification system, providing effective design and operational strategies to improve building occupant health and productivity. It was created as a joint initiative by the U.S. Centers for Disease Control and Prevention and the General Services Administration, and it is operated by CfAD.



Transparency for investors

Transparency and open communication with investors are key priorities for Tishman Speyer, and underpin our ethos as an organization. Portfolio managers communicate regularly with investors about major portfolio events and performance updates. Our aim is to set new standards for sustainable practices throughout our global portfolio. To demonstrate our achievements in this regard, we publish detailed ease studies en our properties. These can be accessed via our website.

Many of our investors are GRESB (Global Real Estate Sustainability Benchmark) members. Tishman Speyer has submitted all eligible funds for assessment for the past six years. A list of our Green Star funds, GRESB's highest award, can be found in the Data Annex.





Find out more: Sustainability Case Studies tishmanspeyer.com/expertise/sustainability/case-studies

GRESB Real Estate Investor Members





























































































































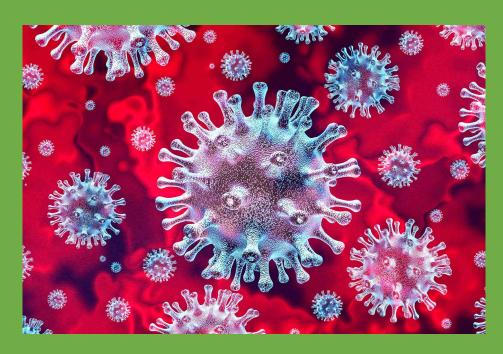




The Colorado Health Foundation: The value of **Performance Verification**













Local government regulations

- ☐ Confirm guidance from your local government on reopening office buildings to workers.
- Determine whether a new certificate of occupancy is required from your regulatory authorities.



Landlord policies

- Confirm procedures and/or rules for building re-entry and occupation.
- Determine policies regarding building cleanliness and safety.



Business continuity plan (BCP) alignment

- □ Determine whether your BCP includes a verified list of the essential roles and individuals included in re-entry.
- □ Confirm that contingency plans/critical response mechanisms are in place in the event that the reopening should fail or the virus reoccurs and forces additional closures. Supply chain



Supply chain

 Identify and confirm supply chains for personal protection equipment and determine advance ordering requirements for long lead-time items.



Human resources (HR)/ legal considerations

- □ Determine protocols for ensuring employees with high-risk conditions (e.g. lung disease, asthma, heart conditions, immunocompromised, obesity, diabetes, liver disease) do not return to the office.
- Ensure a policy/process exists to report and track infections and compliance with HIPAA rules and to report grievances.



Space/occupancy

- Develop seating/floor plans to meet social distancing guidelines per your local government.
- Establish new workplace etiquette and protocols and communicate them via signage posted throughout the workplace. Be sure to consider ADA implications when making changes.
- □ Plan how to address impacts on specialty areas (e.g. wellness and mothers rooms, gyms, showers and lockers, mailrooms,
- Determine a policy for employee access to company buildings other than their primary workplace.



Facilities management

- Confirm emergency evacuation procedures in compliance with social distancing requirements, and assign "floor wardens" responsible for managing evacuation.
- ☐ Establish elevator social distancing guidelines for multi-story buildings, and calculate and confirm elevator protocols and occupancy levels with your building landlord.
- Create phased and "quick close" procedures to shut down offices in the event the reopening fails or virus reoccurrence forces



Technology

- Establish enhanced occupancy and employee tracking for building location, space utilization, and potential infection zones
- Evaluate the room reservation technology and equipment provided at the desk support social distancing and disinfection.



Security

- Determine entry/exit badging protocols for essential employees returning to the building.
- ☐ Establish/confirm building shutdown policies in the event the facility needs to be closed again.



Approvals

- Decide who in each region/market/office is responsible for announcing office openings/closures.
- Determine who needs to approve the re-opening plan (e.g. regional crisis management team, market/country leadership, enterprise risk & audit teams, business units, IT, security, legal and HR teams).



PREPARE THE BUILDING



SOCIAL DISTANCING PLAN



PREPARE THE WORKFORCE



REDUCE TOUCH **POINTS**



CONTROL **ACCESS**



COMMUNICATE FOR CONFIDENCE





Masks!

Please wear a face covering at all times when moving through common spaces in the office.



Updated protocols and best practices used for reopening CBRE's

- Planning the Door-to-Desk Employee Journey
- Building Confidence in a Safe Return
- New Cleaning Protocols
- · Reservation-only approach
- · Guideline Vigilance gov
- · Post-Reopening Review





Download Office Signage

- Increased Cleaning Notification New Maximum Capacity Signage
- Social Distancing Reminders







Acoustics
Air Quality
Energy
Light Levels/Daylight
Materials
Nourishment
Thermal Comfort
Water Quantity/Quality



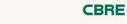




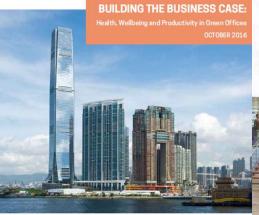














BETTER PLACES
FOR PEOPLE | PUT WELLSEING AT THE

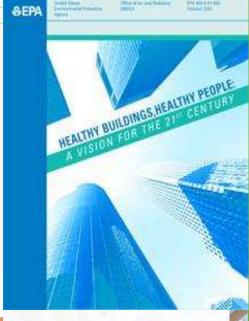












THE FINANCIAL CASE FOR HIGH PERFORMANCE BUILDINGS

QUANTIFYING THE BOTTOM LINE OF IMPROVED PRODUCTIVITY, RETENTION, AND WELLNESS





Why Health in Buildings?

Productivity, but also -

- Attracting and Retaining Tenants
- Attracting Investment
- Risk Mitigation

