

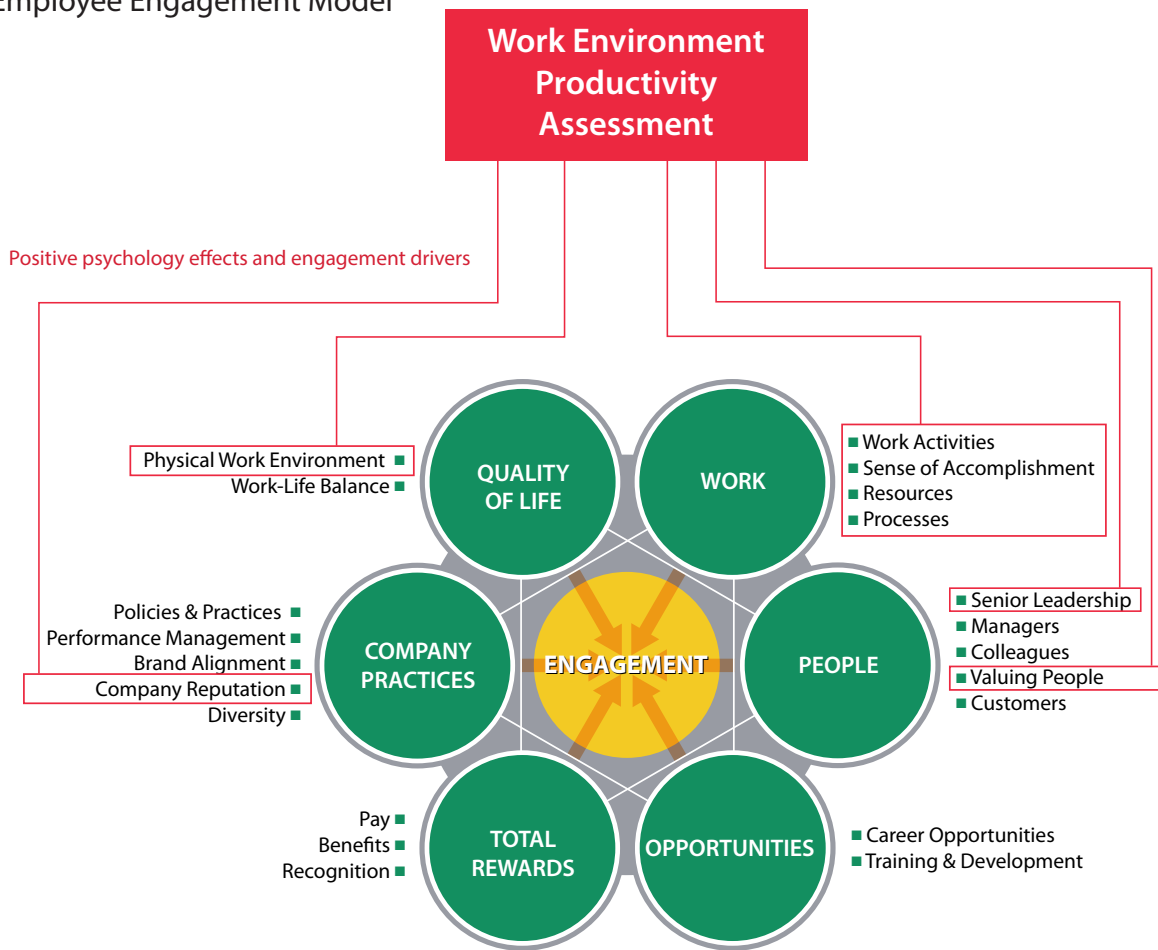
# STAY AHEAD

A Quantitative Approach  
to Increasing  
Productivity and Profits  
Through Better IEQ

Work Environment Productivity Assessment

Improved Indoor Environment Quality correlates with improved physiological performance and enhanced occupant psychology.

Employee Engagement Model<sup>1</sup>



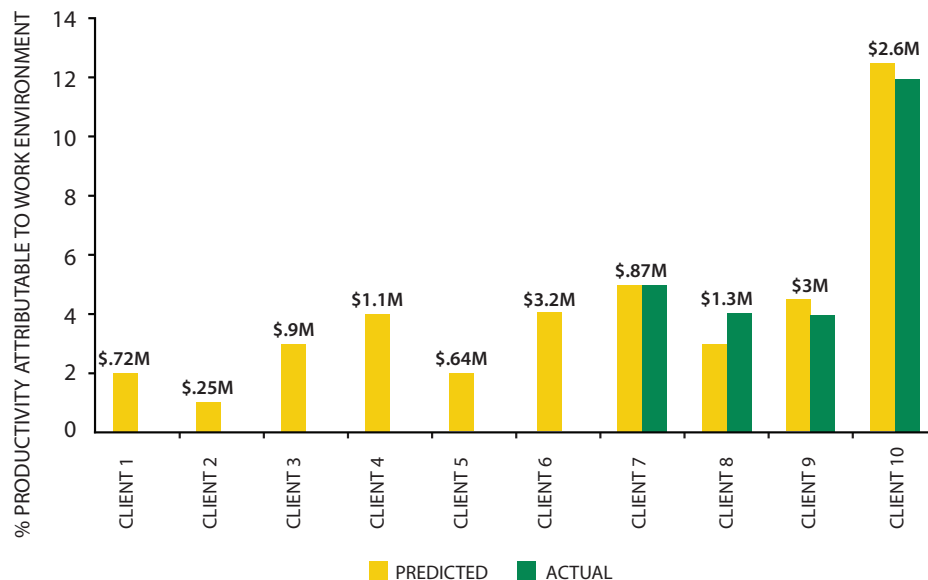
Improving a company's work environment has a direct and influential impact on key drivers of Employee Engagement in Australia, as identified by Towers Watson<sup>2</sup>.

# CETEC's Work Environment Productivity Assessments (WEPA) are robust

## WEPA Data Collection

<b>Indoor Air Quality</b>	<ul style="list-style-type: none"> <li>• Particulate Matter PM10</li> <li>• Airborne Microbials</li> <li>• Carbon Monoxide</li> <li>• Volatile Organic Compounds (VOCs)</li> </ul>	<ul style="list-style-type: none"> <li>• Formaldehyde</li> <li>• Carbon Dioxide (Ventilation Effectiveness)</li> </ul>
<b>Thermal Comfort</b>	<ul style="list-style-type: none"> <li>• Temperature</li> <li>• Relative Humidity</li> <li>• Air Velocity</li> </ul>	
<b>Lighting</b>	<ul style="list-style-type: none"> <li>• Horizontal Task Illuminance (LUX)</li> <li>• Vertical Task Illuminance (LUX)</li> <li>• Lighting Uniformity</li> </ul>	
<b>Acoustic Comfort</b>	<ul style="list-style-type: none"> <li>• Ambient Sound Levels (dB)</li> </ul>	
<b>Occupant Satisfaction</b>	<ul style="list-style-type: none"> <li>• Worldwide Benchmarked Survey</li> </ul>	

Outlined below is a summary of 10 WEPAs conducted by CETEC, showing projected percentage productivity and yearly fiscal returns attributable to the optimised physical work environment.



Recommended improvements are quantifiable and directly correlate to predicted increases in productivity & profits.

CETEC's recommendations are derived from empirical research.

For 25 years CETEC has gained a sound reputation as a leading provider of specialist technical risk management solutions. We continue to set service benchmarks in assessing work environments, occupational health and safety, environmental consulting, and strategic commercial risk management for both the public and private sector.

CETEC has also been actively involved with advancing and promoting the management of indoor work environments through:

- Authorship of the Property Council of Australia manual for "Managing Indoor Environment Quality" (2009)
- Developing the National Australian Built Environment Rating Scheme (NABERS) for indoor environment in offices for the NSW Department of Environment and Climate Change (DECC). Also the participation in the field trials of the NABERS Indoor Environment scheme (3 sites). Technical advisor.
- Delivering the "IAQ for Schools" report in 2003 for the Commonwealth Government Department of Environment and Heritage.
- Chairmanship of the Australian Standards Indoor Air Committee.
- Leadership of the Facility Management Association of Australia (FMA) special interest group in Indoor Environment.
- Representation at Green Building Council of Australia Technical Committees for development of Green Star rating tools. Independent Chairmanship of a Green Star Assessment Panel. Green Star Accredited Professionals and NABERS Accredited Assessors on staff.

---

## Major Clients

Singtel Optus	Department of Families, Housing, Community Services and Indigenous Affairs (FaHCSIA)
Blake Dawson	Melbourne Airport
Baker & McKenzie	Queensland Department of Public Works
Bovis Lend Lease	State Property Authority (NSW)
Grocon	Sydney Water
Brookfield	SA Water
Woods Bagot	Unilever
Hassell	Local Government Super
Umow Lai	ISIS
Centrelink	University of Sydney
Colonial First State	

---

1 AON Hewitt's Engagement Model

2 Towers Watson Australian Employee Insights 2011

For a quote or more information, contact:

[www.cetec-foray.com.au](http://www.cetec-foray.com.au)

Tel: 61 2 9966 9211

61 3 9544 9111

