



## 2018 AWARDS FOR ENGINEERING EXCELLENCE

### Award of Excellence

### Vancouver Convention Centre West – Strategic Sustainability Consulting and Project Management



#### Consultant

WSP Canada Inc.

#### Owner/Client

Vancouver Convention Centre /  
BC Pavilion Corporation

#### Category

Soft Engineering

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With the ambitious goal of being the most sustainable convention centre in the world, Vancouver Convention Centre (VCC) and BC Pavilion Corporation (PavCo) engaged WSP to pursue LEED® for Existing Buildings: Operations and Maintenance (LEED®-EB) to the highest award level, Platinum, for the West building, and voluntarily registered under the newest, most stringent version of the standard – LEED® v4.

Involved in the project since a 2014 feasibility study, WSP provided technical consulting services and project management for the LEED® pursuit, including strategy, implementation, performance verification, documentation, and submission. The project team created a cohesive and balanced strategy that addressed everything from conference attendees' nutrition to the maintenance and monitoring of the restored marine habitat adjacent to the building, by establishing new environmentally sensitive policies and practices, and optimizing existing equipment.

Having achieved LEED® certification for New Construction in 2010, and now Operations and Maintenance, VCC West is the world's only Double LEED® Platinum convention centre. It is also the first Canadian LEED®-EB v4 Platinum certified building, achieving 87 of 110 available points (Platinum requires 80). For many of the credits, the building surpassed the maximum threshold, earning additional points for 'exemplary performance.'

This project boasts significant social, environmental, and economic benefits. These achievements required coordination of a collaborative team of over 25 stakeholders to devise and implement a thorough interdisciplinary strategy encompassing all building systems. The project's success has a positive impact not only for the Convention Centre, but also the City of Vancouver, conference delegates, visitors and the environment.