

TELUS World of Science-Edmonton

Edmonton, Alberta, Canada



Illustration: Dialog Design

The TELUS World of Science-Edmonton (TWoSE) is a world-class, broad-based science centre that enjoys enthusiastic support of audiences from Northern Alberta and beyond.

First opened in 1984, it has reinvented itself several times. The need for further expansion provides the science centre with a great opportunity to launch new learning and community-based initiatives: Community Space and Lobby, new gift shop, new café, science galleries, Early Childhood Development Centre, feature exhibition galleries, Canadian Circumpolar Science Centre, IMAX Theatre, function rental programs and parking.

To guide this work, White Oak authored the *Master Plan* in 2009 under now retired CEO George Smith's leadership. The *Plan* translated community needs and metrics into creative solutions and an architectural program that doubled the capacity for Edmonton's growing population, making operational and retail sense of the currently overcrowded collection of buildings.

Client: TELUS World of Science-Edmonton

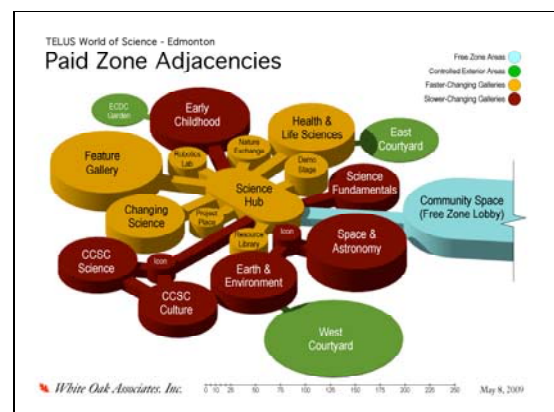
Open: 2020

Architect: Dialog (Edmonton)

Project Manager: Ian McLennan

Since then, the City requested that the *Master Plan* be phased into 3 phases. Phase 1 is substantially complete, and White Oak just finished another step of the planning, the *Business Case for the Phase 2 Expansion*.

The science centre's goal is to transform into a green demonstration project and one of the best science centres in the world.



White Oak's architectural program and our scaled adjacency diagrams (above) were the basis for Dialog's architectural design (top).

Capital Budget for Phase 2: \$187 million (\$CN)

Square Feet: Expanding from 112,517 SF to 256,388 SF

White Oak's Role: *Strategic Master Plan (2009)*; *Business Case for the Phase 2 Expansion (2013)*