

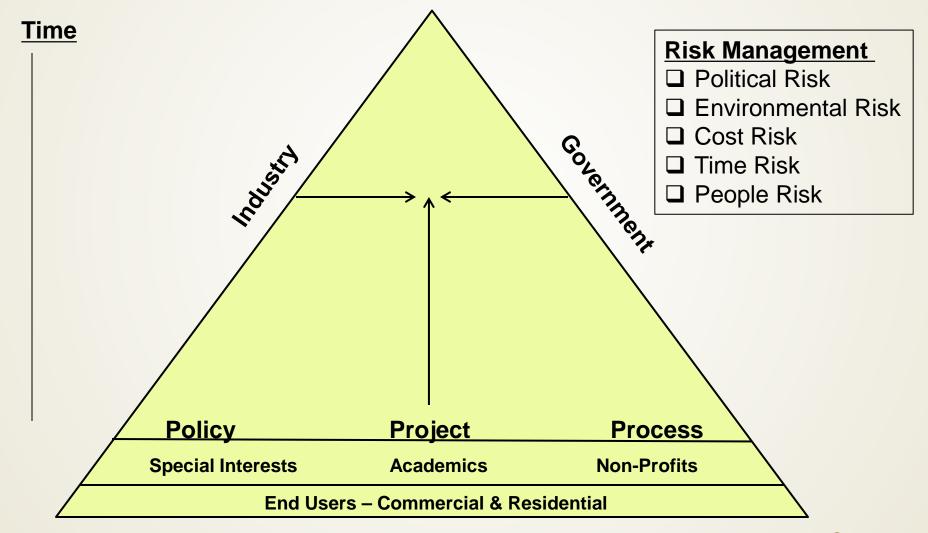
5 Bottom Line Whole System

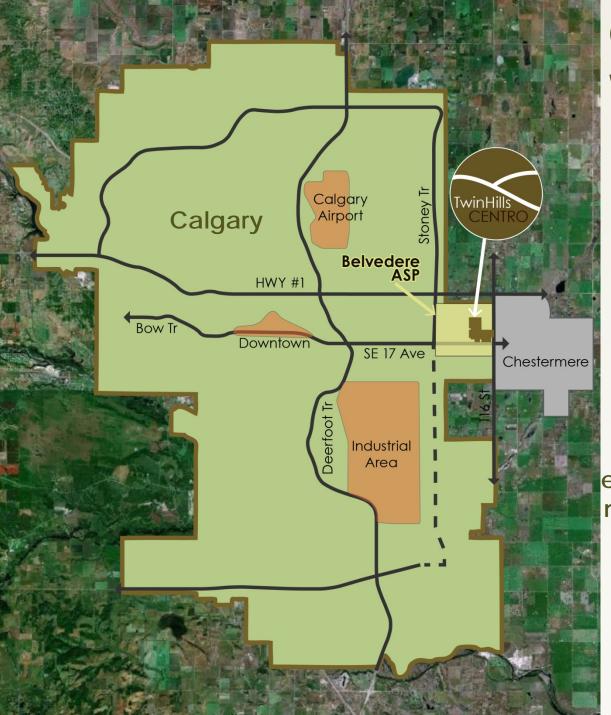


Overview

- Government collaboration with the developer of the project, companies situating within the project, end users, non-profit organizations & academic groups focused on policy-practice change to result in better standards
- Appropriate location & site requirements
- The identification of different approaches to water re-use and management.

Coordination & Collaboration to Create CHANGE

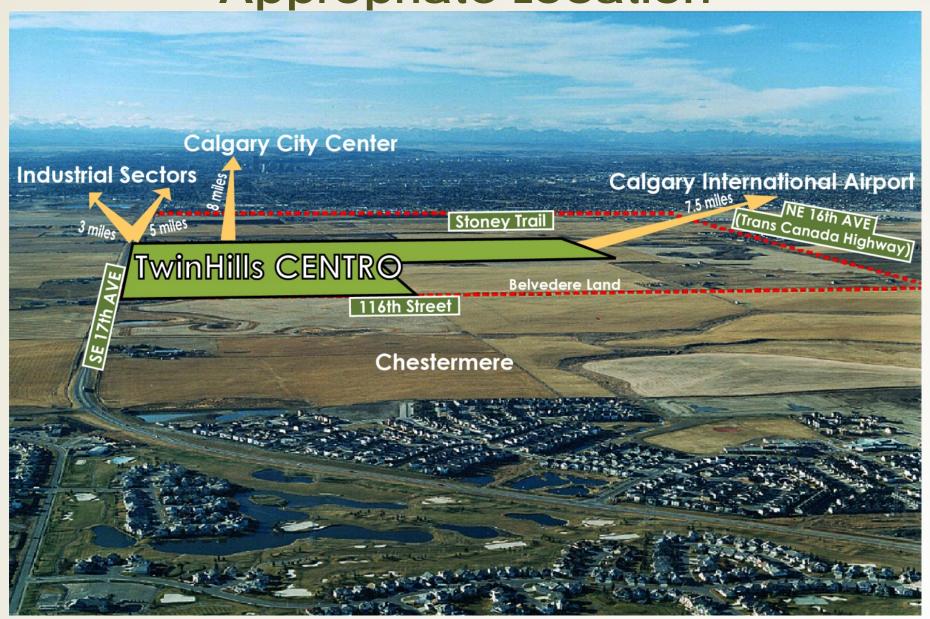




Confluence of Water Flows in River Valleys & Urban Growth

TwinHills Calgary has high elevation of land and has established a ditch system for moving water throughout site

Appropriate Location



Geotechnical, Soil Absorption, & Elevations Characteristics of Land



Appropriate Water Management Location Criteria Land Elevations, soil composition & geotechnical characteristics Best Practice Urban Land Water Management Considerations Adjacent land composition and Seasonal and uses. Weather Incident Barriers to overland **Impacts** & ground water movement

Integrative Water Management Approach

 Connecting natural spaces within the urban environment to result in water management and special places

Water management planning deals with freeze & thaw;
 spring thaw & flooding situations

Water Reuse results in better water quality & quantity

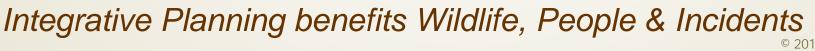
management













Cumulative Effects of LID as a System



Water Reuse Throughout Urban Areas

