

# What Are the Sources of Uncertainty in Design and Construction Programs

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Sources of Project Risk

## PWGSC's Project Complexity and Risk Analysis Tool

Risk Categories      Clarifications      Documentation  
Questions      Options

2 Source: <http://www.tbs-sct.gc.ca/hgw-cgf/oversight-surveillance/tpm-itgp/pm-gp/doc/pca-ecrp-eng.asp>

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Sources of Project Risk

## Risk Breakdown Structure

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Sources of Project Risk

## RBS Categories for Design/ Construction Projects

<p><b>1.0 Scope Delivery</b></p> <ul style="list-style-type: none"> <li>- Stated Client Requirements</li> <li>- Unstated Client Requirements</li> <li>- Stated and unstated Stakeholder Requirements</li> </ul> <p><b>2.0 Site/Asset/Building Existing Conditions</b></p> <ul style="list-style-type: none"> <li>- Site Conditions</li> <li>- Building Conditions</li> </ul> <p><b>3.0 Resources External Performance</b></p> <ul style="list-style-type: none"> <li>- Planning Resources</li> <li>- Design Resources</li> <li>- Construction Resources</li> </ul>	<p><b>4.0 Client Context</b></p> <ul style="list-style-type: none"> <li>- Project Organization(s)</li> <li>- Impact on adjacent sites/people</li> <li>- Impact from external sources/ legal/ political/ social</li> <li>- Unanticipated regulatory change</li> <li>- Known procedures</li> <li>- Plan approvals/design reviews</li> </ul>
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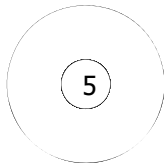
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Sources of Project Risk

## Sources of Risk

- Take 5 minutes and identify sources of risk to project success.
- Note!
  - This is sources of risk to project success, not sources of risk to your architectural practice



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