



National Project Management System (NPMS)

Presentation to RPIC

- Get Me To The Project On Time, On Budget, On Scope! PWGSC's National Property Management System (NPMS)

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Public Works and
Government Services
Canada

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Presentation Objective

To provide an overview of the NPMS & highlight benefits and potential for application to other organizations



Outline

1. What is the NPMS?
2. NPMS and Client Implications
3. NPMS Benefits
4. What's Next



1. What is the NPMS?

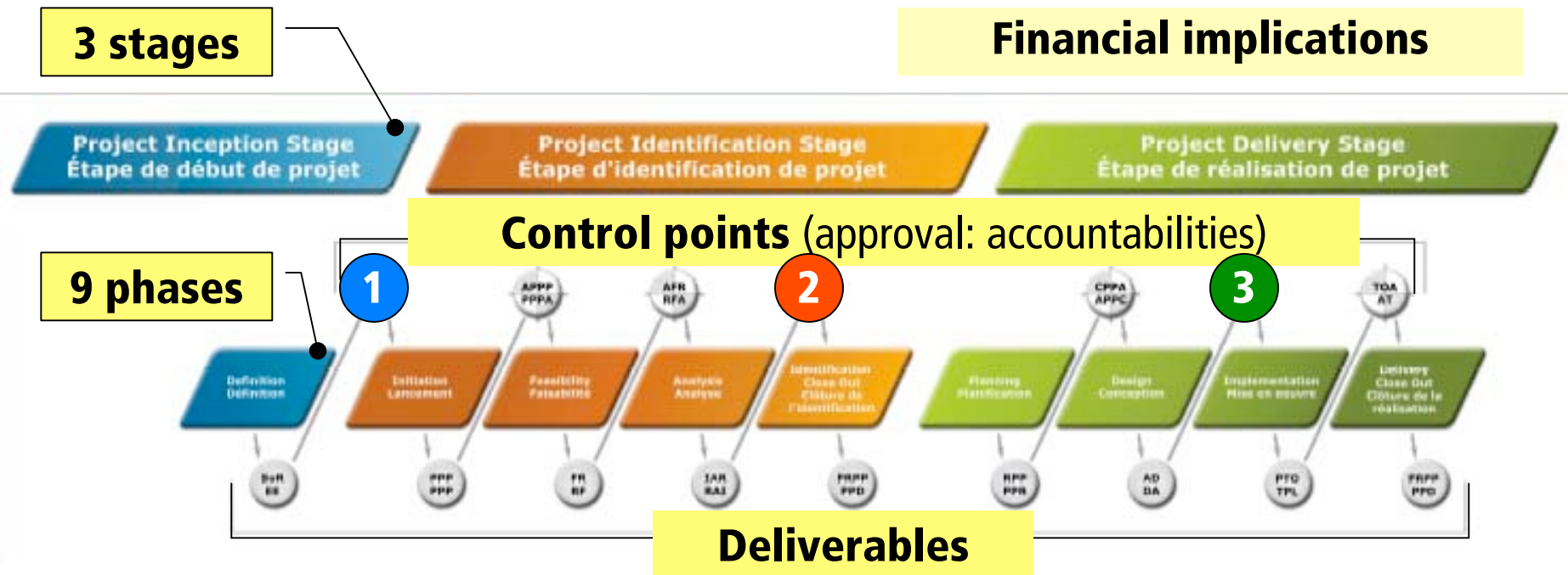
Launched by RPB in 2006, the National Project Management System (NPMS) is:

- **PWGSC Real Property Branch's (RPB) project management methodology.**
- **The system covers BEGINNING to END, project planning from project inception, through approval and delivery.**
- **NPMS supported by a RPB NPMS Policy and procedures, and website**

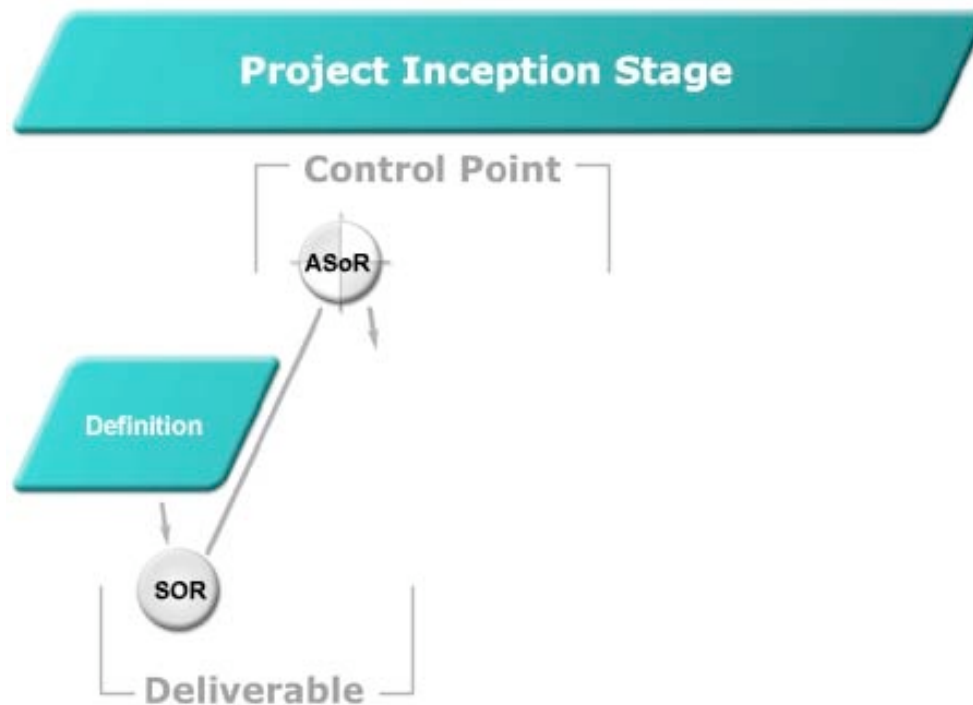
<http://source.tpsgc-pwgsc.gc.ca/branch/rp/sngp-npms/text/index-e.html>



Model Overview



Inception Stage



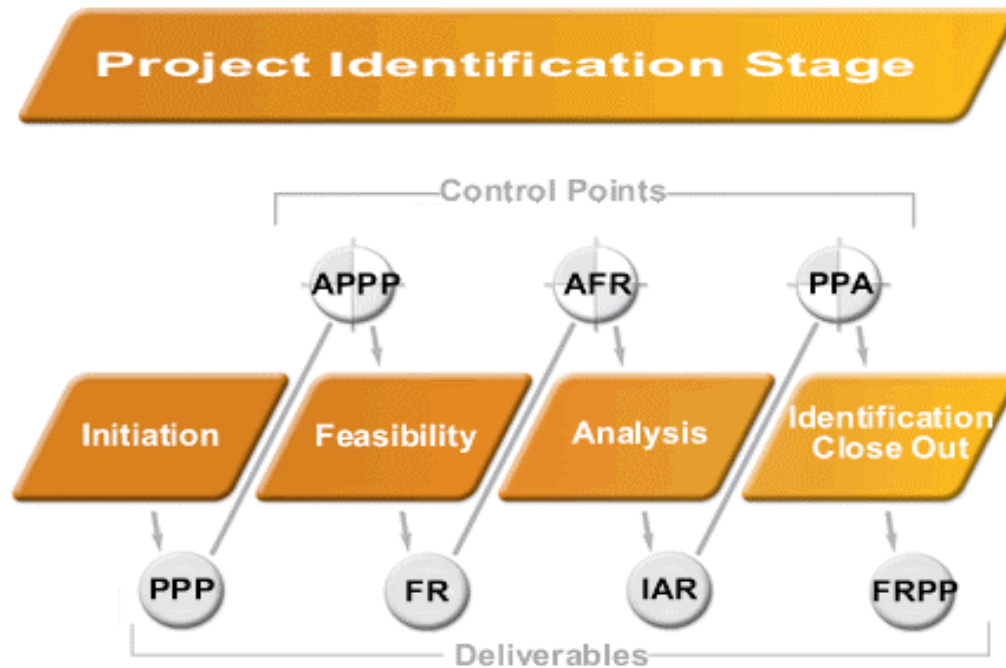
Purpose

- to provide a forum for vetting real property proposals
- to ensure that proposed projects are in keeping with PWGSC portfolio strategies
- to respond in the most effective manner possible.

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Project Identification Stage



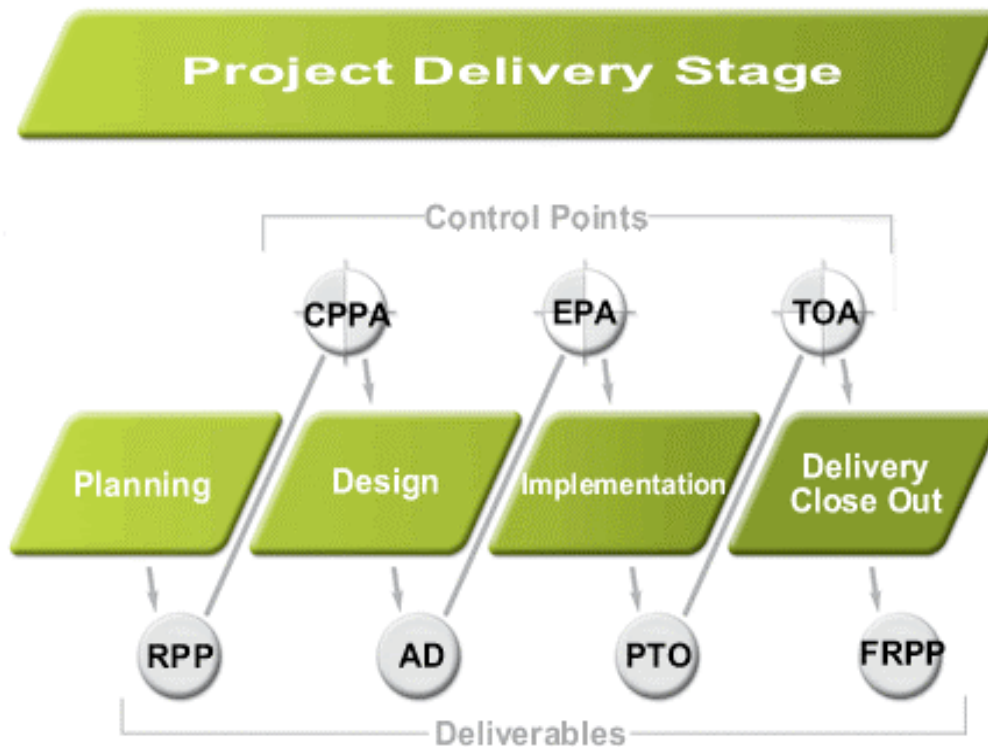
Purpose

- to ensure that projects submitted for PPA/LPA have been adequately developed and analyzed (in the context of PWGSC Real Property Program and Centralized Portfolio management)
- Projects represent the best investment solution.

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Project Delivery Stage



Purpose

- to translate the approved project objectives and requirements into technical criteria
- to allow for detailed design and full implementation of the end product.

Note: For lease projects – typically there is no EPA

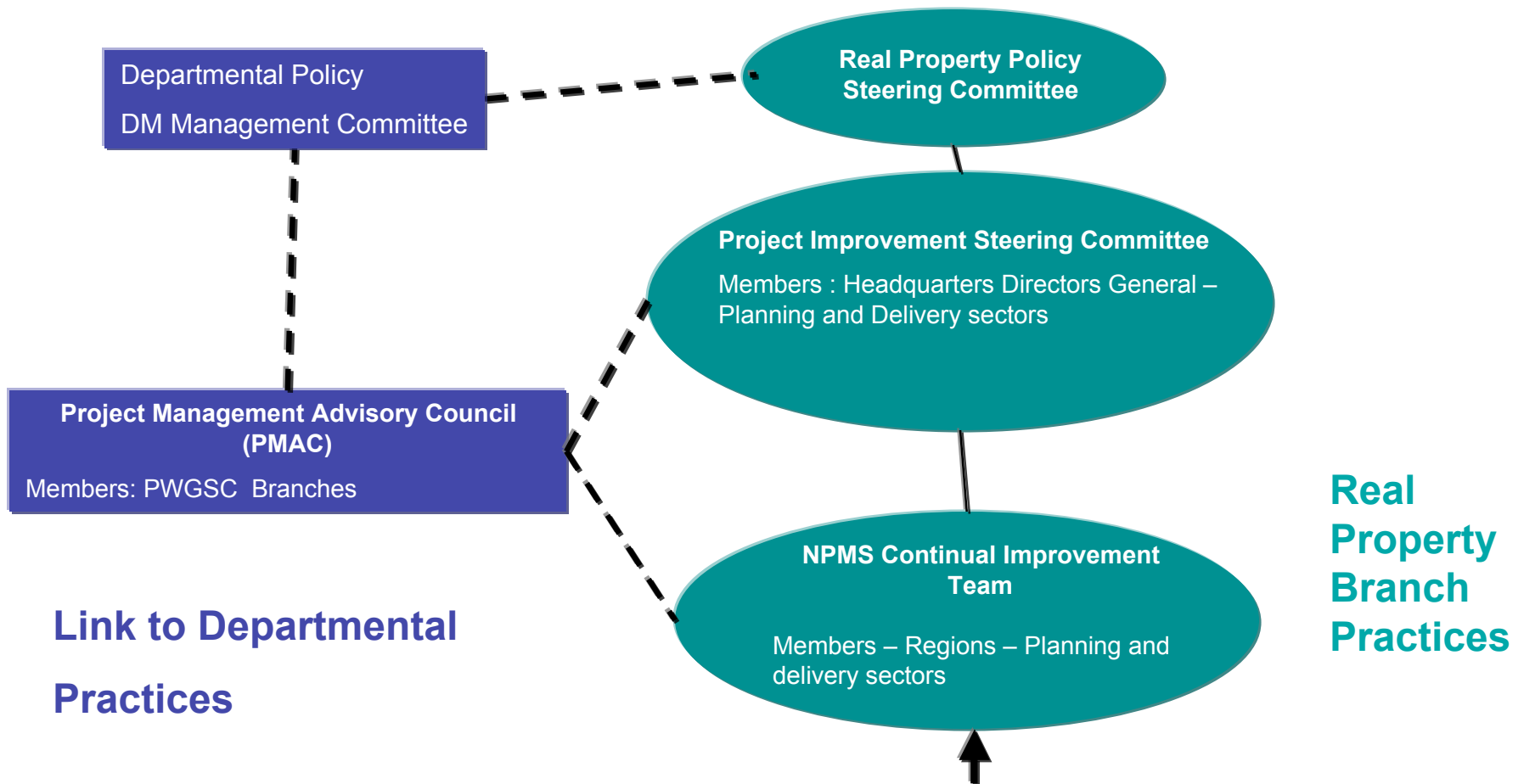
NPMS Features

- Includes a generic model which applies to all PWGSC real property projects
- In-line with NPMS model, NPMS policy and procedures defines formal control points and deliverables to define and develop the project - consistent with investment priorities
- Model is customized to fit various types of projects through the use of 'roadmaps'
- Incorporates 13 project management knowledge areas which further define and clarify practices to be followed
- NPMS is tailored to project type and size and includes an NPMS "Lite" version
- Imbedded continual improvement process

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NPMS Governance - Continuous Improvement



Link to Departmental Practices

Real Property Branch Practices

- Project lessons learned, comments, & suggestions
- Audits & evaluations
- Project performance monitoring feedback



NPMS « Lite » Simplifications

- Approval Body delegated to lower management levels
- Allow for some approvals and deliverables to be combined and approved jointly (I.e. Feasibility Report and Investment Analysis Report)
- Deliverables simplified and aligned to existing business practices where applicable
- No change to AFD Contracts – contract meets NPMS requirements



2. NPMS and Client Implications

NPMS and Client Funded Projects

NPMS procedures identify NPMS application to projects funded by other departments and carried out by RPB I.e.

- Client = Project Leader - Responsible for project approvals (PPA/LPA & EPA)
- Establish a Project Charter between the Client & the PWGSC representative to confirm project objectives and scope
- Project Planning
 - PWGSC to review previous decisions and planning undertaken or completed by the Client – FOR UNDERSTANDING
 - PWGSC to prepare Project Plan for work to be undertaken by PWGSC staff



NPMS and PWGSC Funded Space Projects

Phase Objective	Client Input
<p><u>DEFINITION</u></p> <ul style="list-style-type: none"> • Assess problem • Go/No Go decision to proceed - ASoR (Approved Statement of Requirement) • PWGSC/Client approve. 	<p>SoR sign-off</p> <ul style="list-style-type: none"> • Confirm problem definition, and funding to develop project, source of funding to implement (PWGSC and client if required)
<p><u>INITIATION</u>: Preliminary Project Plan</p> <ul style="list-style-type: none"> • Initial description of project objectives, plan up to PPA/LPA • PWGSC PM/PL to produce • Can use simplified plan for Lite projects 	<ul style="list-style-type: none"> • Client to sign Project Charter to confirm project objectives • Confirms client planning funding (where required)/ R&R
<p><u>FEASIBILITY</u></p> <ul style="list-style-type: none"> • Develop project scope and evaluate range of options • PWGSC produces Feasibility Report (Omitted for NPMS Lite) 	<ul style="list-style-type: none"> • Information/Consultation to develop project scope and obtain input on options analysis

NPMS and PWGSC Funded Space Projects con't

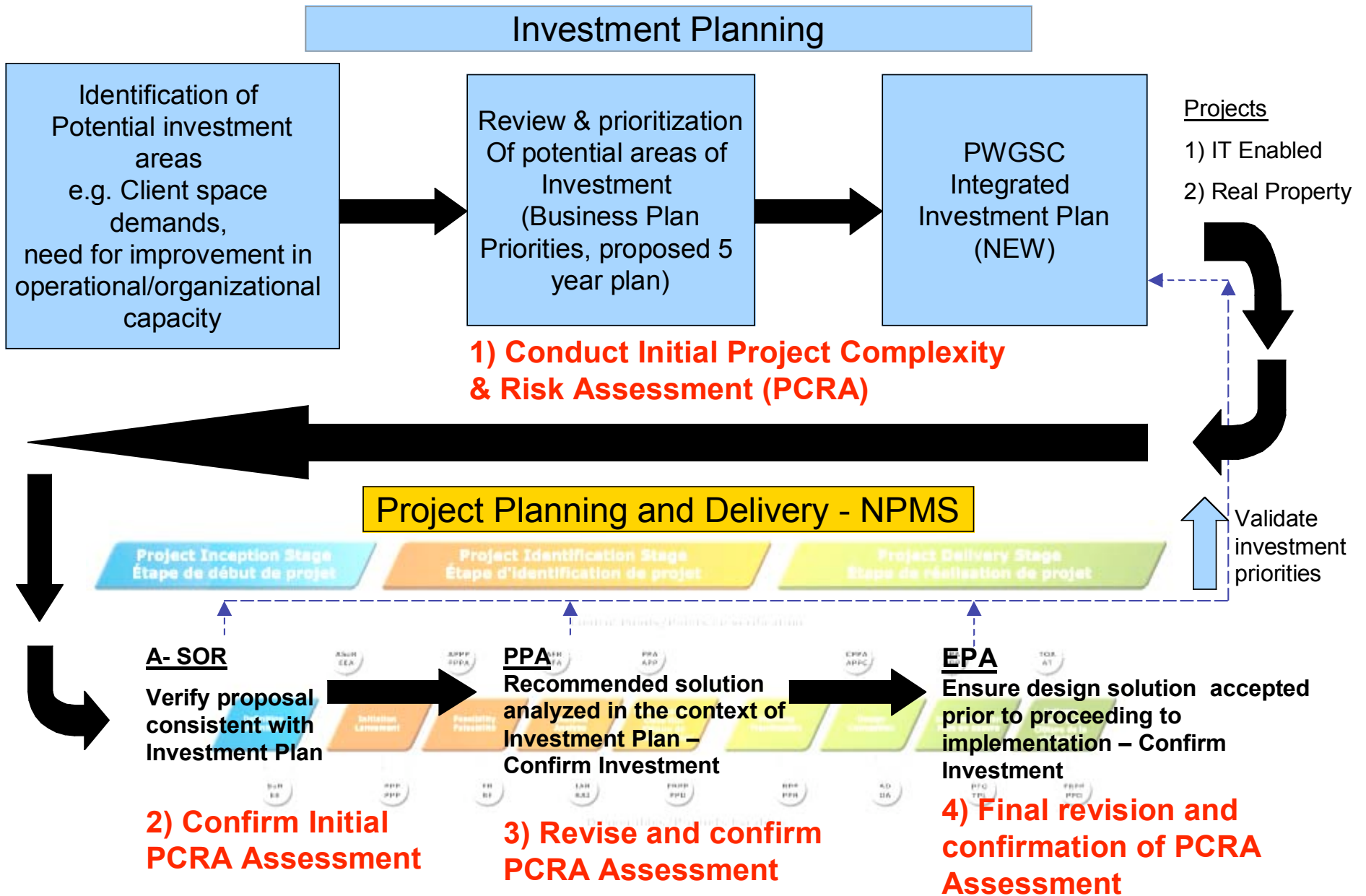
Phase Objective	Client Input
<p><u>ANALYSIS</u></p> <ul style="list-style-type: none"> • Obtain Preliminary Project Approval/ Lease Project Approval (PPA/LPA) for optimum solution • Establishes budget/ schedule baseline 	<ul style="list-style-type: none"> • Information/Consultation and/or signoff: joint funding • Project Charter updated as required to confirm client funding and approved project objectives
<p><u>PLANNING</u></p> <ul style="list-style-type: none"> • PM/PL complete implementation planning (LCA sought for lease 	<ul style="list-style-type: none"> • Concept design sign-off
<p><u>DESIGN</u> projects)</p> <ul style="list-style-type: none"> • Design completed • Final costs identified, Effective Project Approval (EPA) obtained for Crown projects 	<ul style="list-style-type: none"> • Design sign-off (33%, 66%)
<p><u>IMPLEMENTATION</u></p> <ul style="list-style-type: none"> • Project implemented and turned over to client/ operations 	<ul style="list-style-type: none"> • Design sign-off (99%) • Turn over sign-off • Client assessment

3. NPMS Benefits




- Improved stakeholder engagement
- Improved project performance – On Time/ On Budget/ On Scope
- Improved linkages with investment planning
- Sound basis to move to new TBS Policies on Investment Planning and the Management of Projects



Integration of PCRA in Investment Planning Process & NPMS



4. What's Next

-  Meeting Treasury Board Policy on the Management of Projects - adapt NPMS to all PWGSC branches and include application to Business Projects – IT Enabled
-  Strengthen linkages to investment planning with the establishment of a PWGSC Integrated Investment Plan
-  Improving project performance reporting practices and systems

