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AI FOR REGULATORY INSIGHTS RFP INTERACTIVE REGULATORY EVALUATION PLATFORM (REP)

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**The
Canada School
of
Public Service**



AI SOLUTIONS: WHY NOW

**GROWING PRIVATE
SECTOR LEGAL USE OF AI**

**OPEN DATA, GROWTH OF
BIG DATA AND XML**

**RISING COMPUTING
POWER + CLOUD**

**EVOLVING REGULATORY
ENVIRONMENT**





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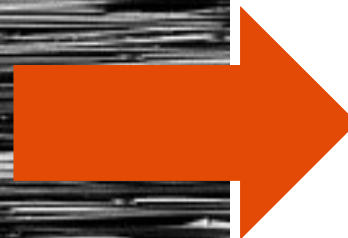
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Current State

Vast, complex, evolving regulatory stock

+

Manual approaches to complex tasks



Desired State

Lifecycle approach to analysis of
regulations

+

Agile methods

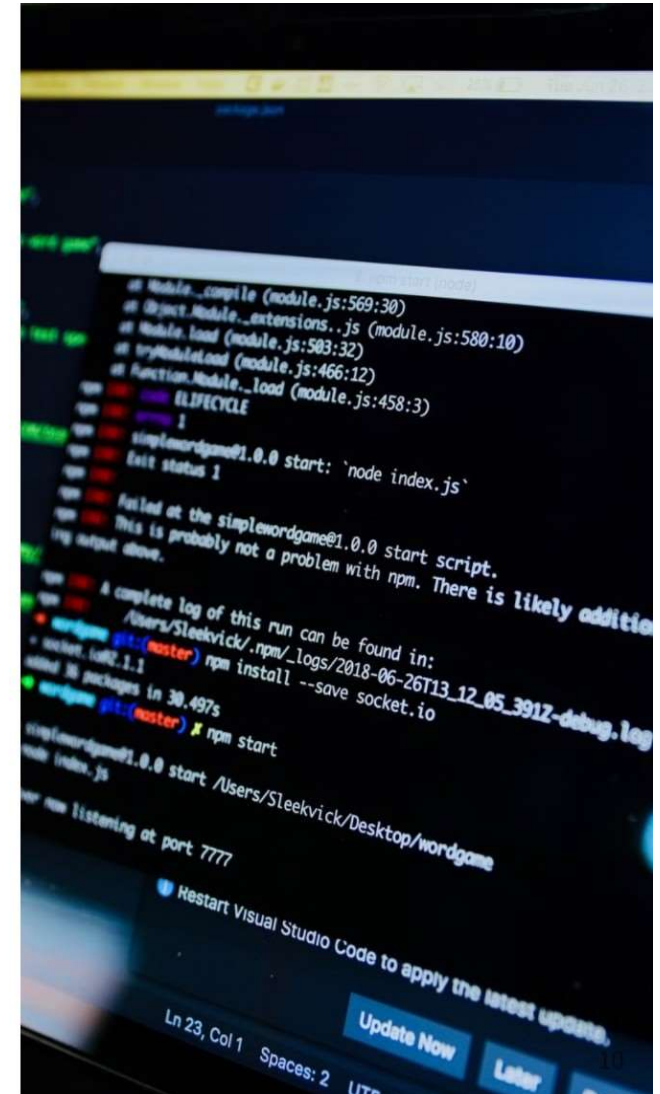


DEMONSTRATION PROJECTS

EXPERIMENTATION IN GAP AREAS (CLOUD-BASED SOLUTIONS)

EXPERIMENTATION BASED ON DIGITAL PRINCIPLES AND
TBS STANDARDS FOR AI (e.g. AGILE, ITERATIVE AND
ETHICS)

LEARNING BY DOING IN A COLLABORATIVE SETTING





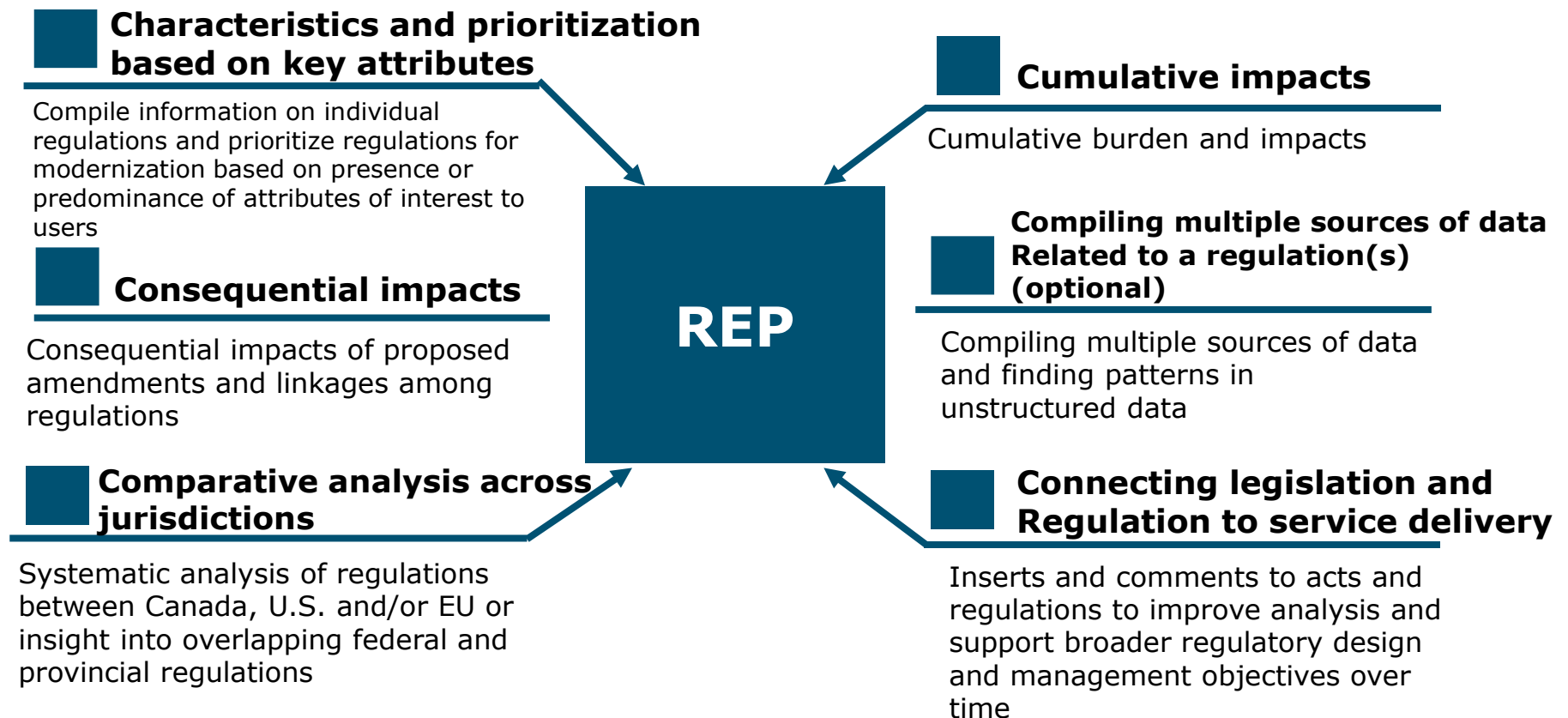
Regulatory Evaluation Platform (REP)

Contractors (3): TBD
Solicitation #: 0X001-182587/A





Use Cases





Project Governance

CSPS and Community of Federal Regulators Co-Chair an interdepartmental Steering Committee that oversees work of Project User Groups.

- Collaboration and agreement on project plans, requirements and selection of contractors

REP Steering Committee/Project User Group Members

- Community of Federal Regulators (Health Canada)
- Agriculture and Agri-food Canada
- Environment and Climate Change Canada
- Innovation Science and Economic Development
- Justice
- Natural Resources Canada
- National Research Council
- Transport Canada
- Treasury Board Secretariat



Evaluation Panel

Members	<ul style="list-style-type: none">• 1x from Transport Canada• 1x from Justice Canada• 2x from CSPA (AI Experts)• 1x from CSPA (Project Lead)
Key Considerations	<ul style="list-style-type: none">• Importance of ethical AI and reducing bias (over 50% of Stage II points allocated to these items)• Stage II (prototype) and Stage III (production) bids are submitted and will be evaluated at the same time• Basic overview of key AI issues provided to the panel in advance of bid evaluation



Stages And Duration (Business Days), Budget And Deliverables

An iterative approach will be pursued for the REP solution. The School, with the support of a Steering Committee and Project User Group, will work with the Contractor(s) on all phases of the REP project .

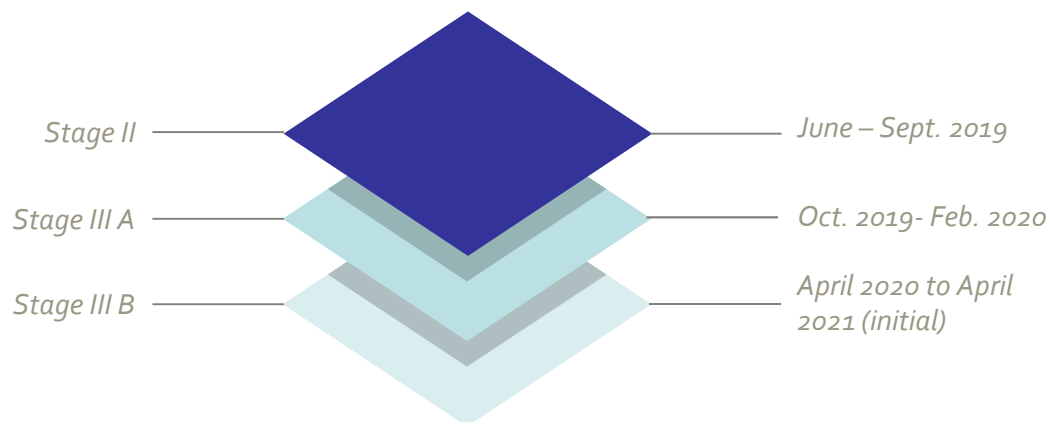
Stage II Prototypes (\$150,000) – 65 Days

Selected contractors engage to understand user needs and iteratively build prototypes

Contractor submit cloud-based prototype

Evaluation Panel reviews prototypes to ensure they meet mandatory requirements / Assessment teams (independent from PUG) assess usability

Draft Implementation, Release and Support Services (IRSS) Plan submitted detailing final functionality, training and servicing if awarded Stage III work.



Stage III A Finalize (\$170,000) – 100 Days

Prototype selected to finalize, following rigorous testing, for accessibility, official languages and cloud deployment

Updated user guide and a final IRSS Plan

Includes access and training

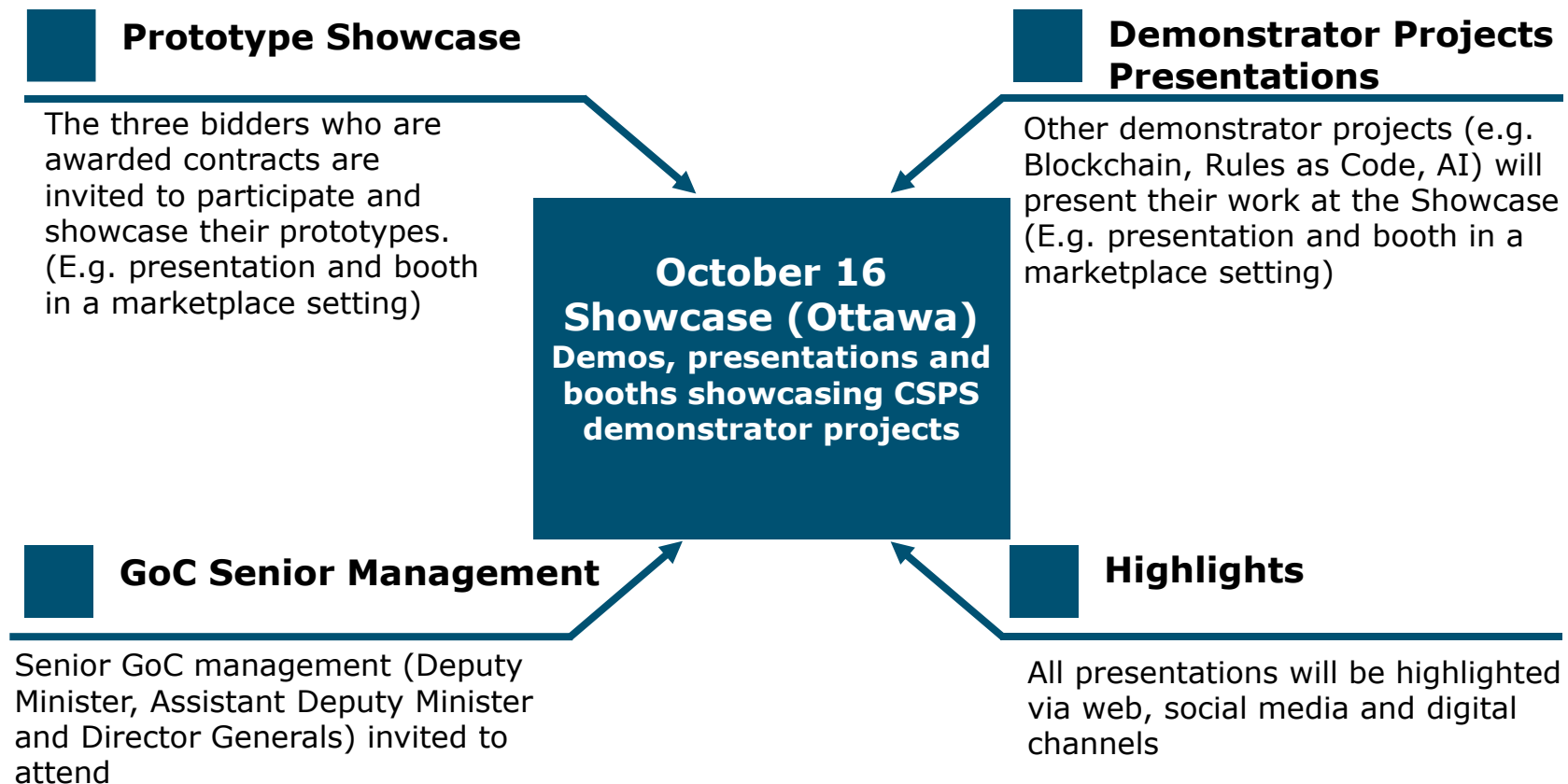
Stage III B (deployment)

Finalized solution deployed for up to 200 end users across federal departments

Ongoing support and maintenance
Up to 48 month subscription



Regulatory Evaluation Platform: Showcase





Why the AI Source List

Pre-Qualified Vendors

Vendors with demonstrated AI capability and experience on AI projects ensuring successful delivery of a complex requirement and solution.

Ethical AI

Vendors with assessed and documented approaches to the ethical use of AI and reducing bias – key considerations when introducing AI in the decision making process

Learning via collaboration

Launch and complete demonstration projects to better understand how government, industry and non-governmental orgs can work together to produce insights and tools

Agile Procurement

A faster, more agile and iterative procurement process with frequent engagement between bidders and users. As a result, the solution will meet the needs of regulators while meeting all technical requirements.



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