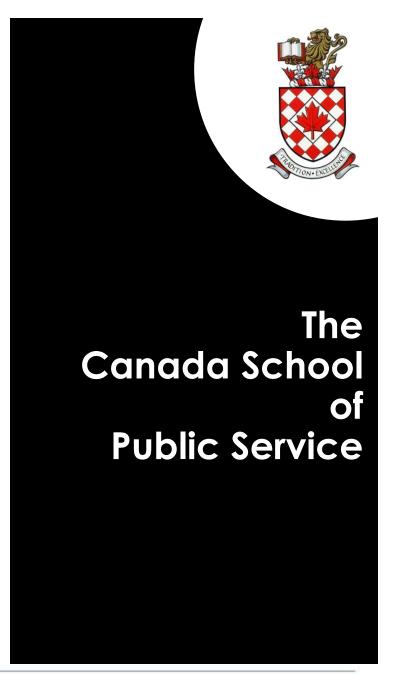
AI FOR REGULATORY INSIGHTS RFP INTERACTIVE REGULATORY EVALUATION PLATFORM (REP)

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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



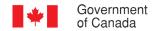


Desired State

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

REP

Characteristics and prioritization based on key attributes

Compile information on individual regulations and prioritize regulations for modernization based on presence or predominance of attributes of interest to users

Consequential impacts

Consequential impacts of proposed amendments and linkages among regulations

Comparative analysis across jurisdictions

Systematic analysis of regulations between Canada, U.S. and/or EU or insight into overlapping federal and provincial regulations

Cumulative impacts

Cumulative burden and impacts

Compiling multiple sources of data Related to a regulation(s) (optional)

Compiling multiple sources of data and finding patterns in unstructured data

Connecting legislation and Regulation to service delivery

Inserts and comments to acts and regulations to improve analysis and support broader regulatory design and management objectives over time



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

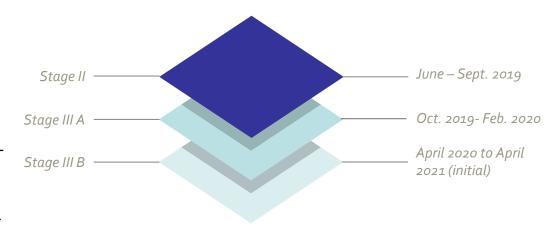


Evaluation Panel

Ix from Transport Canada 1x from Justice Canada 2x from CSPS (AI Experts) 1x from CSPS (Project Lead) 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



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



Prototype Showcase

The three bidders who are awarded contracts are invited to participate and showcase their prototypes. (E.g. presentation and booth in a marketplace setting)

October 16
Showcase (Ottawa)
Demos, presentations and
booths showcasing CSPS
demonstrator projects

Demonstrator Projects Presentations

Other demonstrator projects (e.g. Blockchain, Rules as Code, AI) will present their work at the Showcase (E.g. presentation and booth in a marketplace setting)



GoC Senior Management

Senior GoC management (Deputy Minister, Assistant Deputy Minister and Director Generals) invited to attend

Highlights

All presentations will be highlighted via web, social media and digital channels



Why the Al 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.



