Embedding Innovation in the Public Service

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Canada

Innovation can help us address societal change...

digital transformation

large-scale automation

new technologies

changing citizen demands

increasingly connected world

operating responsively

... and do our work better

Innovation is a broad term with multiple interpretations

Drawing from the OECD, we define **innovation** as developing and delivering **novel solutions** that meet the existing and emergent **needs of citizens**

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Innovation can happen at many levels...

System
Overall performance,
and outcomes

Organization
Multiple needs, interactions
and processes

Individual
Personal problems,
passionate solutions

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In the public service, we can **innovate** by:

identifying a problem

understanding our options

exploring potential applications

identifying opportunities to expand

disseminating acquired knowledge

So, what does innovation look like for the **Government of Canada?**

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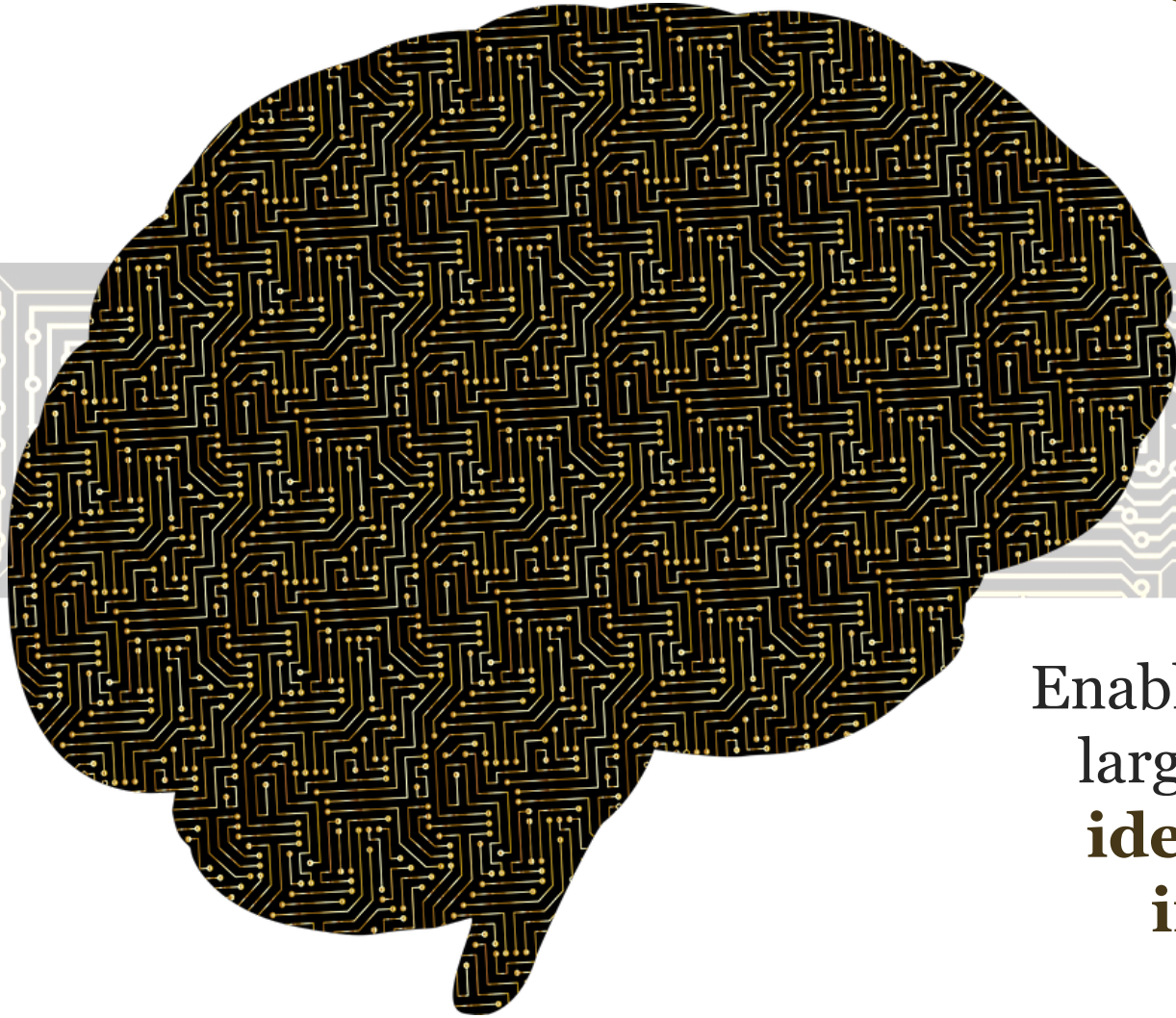
Robotic Process Automation Project
(Transport Canada)

Automating HR staffing actions and salary forecasting leading to 19,000 hours saved annually and a return on investment of six months of staff time
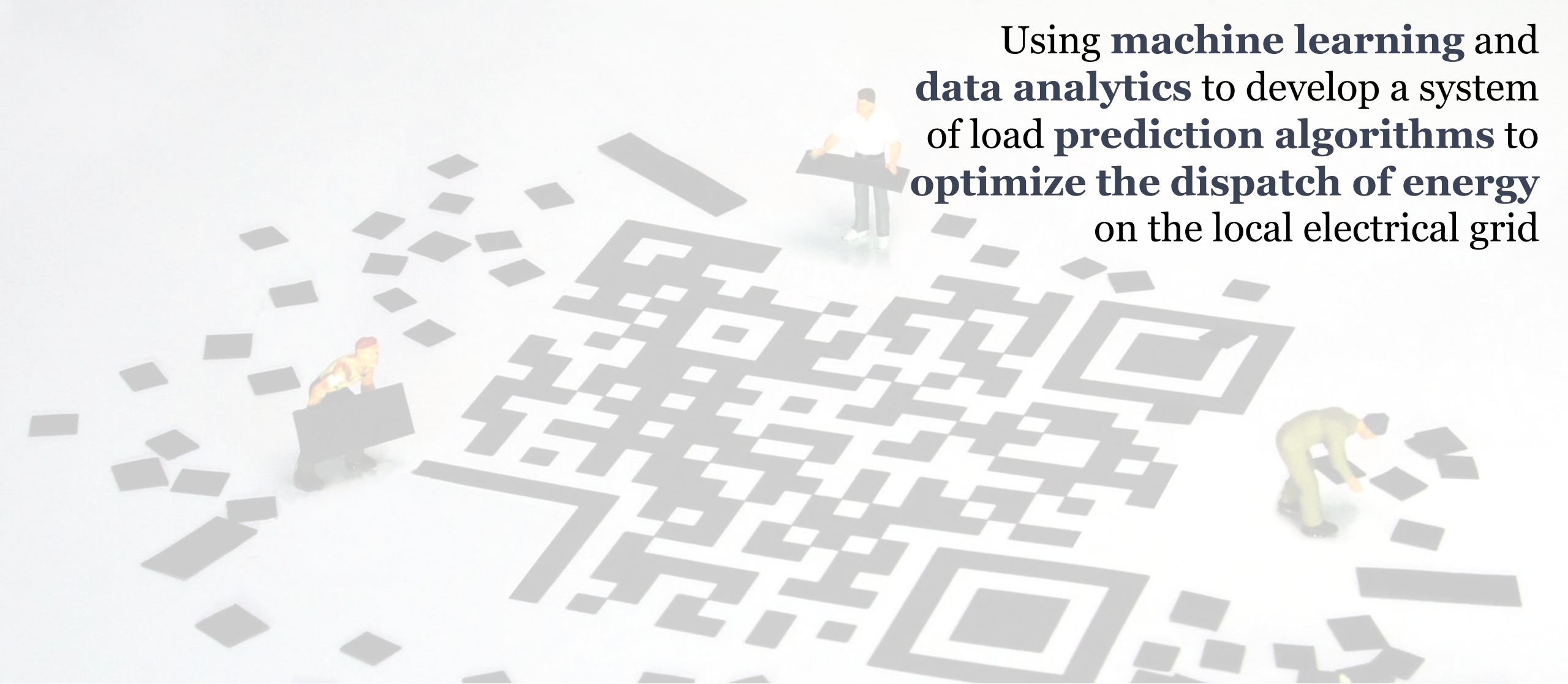
Artificial Intelligence for Regulations

(Community of Federal Regulators and 16 departments and agencies are being supported by CSPS)

Enabling users to **explore and analyze** large amounts of regulatory **data** and **identify key trends**, **patterns** and **inconsistencies** in regulations

Using **machine learning** and **data analytics** to develop a system of load **prediction algorithms** to **optimize the dispatch of energy** on the local electrical grid

Integrated Dispatchable Resource Network for Local Electric Distribution Utility

(partnership with Natural Resources Canada)

Innovative Finance
(partnership with the Impact and Innovation Unit at PCO)

Working within the Government of Canada to **advance program and policy work** related to **novel funding approaches** (e.g. social impact bonds, challenge prizes)

Digital
Academy

Innovate on
Demand podcast

Cross-Functional
Policy Mobility
Program (Xfn)

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Rules
as Code

How is the
**Canada School
of Public Service**
innovating?

demonstration
projects

Data
Conference

innovation
showcases

Regulatory AI
Showcase

Hubs
and Labs
meet-ups

What can I do?

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