

# Open Data at the City of Moncton

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# Fun facts about Moncton

71,889



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# GIS at the City of Moncton

- 6 GIS staff, 15 editors within different departments
- Centralized GIS services (Information Systems Dept)
- Enterprise GIS
  - ArcGIS Server 10.4
  - SQL Server databases, versioned
  - Virtualized environment
  - ArcGIS Desktop 10.5, ArcGIS Online web apps
- Esri user since 1991

# Who do we serve?

Public Works Utilities

By-Law Enforcement

Economic Dev.



Tourism and Culture

Council

Engineering

+

Citizens



Fire Department

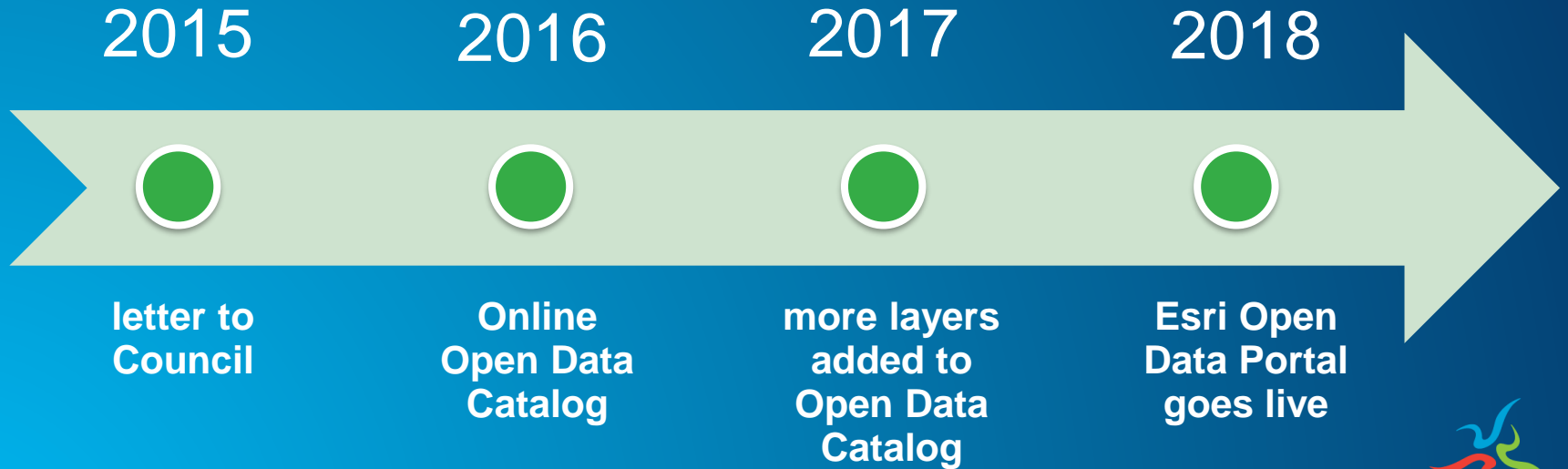
Building Inspection



Parks and Leisure

Urban Planning

# How did we get started with Open Data?





# Open Data vs Open Information

- **Open Data** : *structured data that is machine-readable, freely shared, used and built on without restrictions*
- **Open Information** : *Unstructured information that is freely shared without restrictions*

**Government of Canada, Open Data 101**

**[open.canada.ca](http://open.canada.ca)**



# open.moncton.ca ouvert.moncton.ca

- Mobile friendly
- Esri's Open Data app
- Categories grouped by Tags
- Maps and apps gallery

The screenshot shows the Open Data Moncton website. At the top, there is a navigation bar with the Moncton logo and a 'Sign In' link. The main header features the text 'Open Data Moncton' and 'For Smarter Communities', along with a search bar. Below this is a blue banner with a message about the community's public platform for exploring and downloading open data. The main content area is titled 'Explore Data Categories' and displays a grid of 16 icons representing various data categories: All Datasets, Arts and Culture, Boundaries, Business, By-Laws, Community, Council, Environment, Finance and Budget, Government, Infrastructure, Natural Features, Planning and Development, Public Safety, Recreation, and Transportation. At the bottom, there is a section titled 'Maps and Apps' which shows four thumbnails for different applications: 'Moncton: The Edge of Our World' (with a 'Full-featured free Esri' tag), 'Public Art / Arts intégrés aux lieux publics', 'Street Snow Clearing / Déneigement des rues', and 'Sidewalk Snow Clearing / Déneigement des trottoirs'.

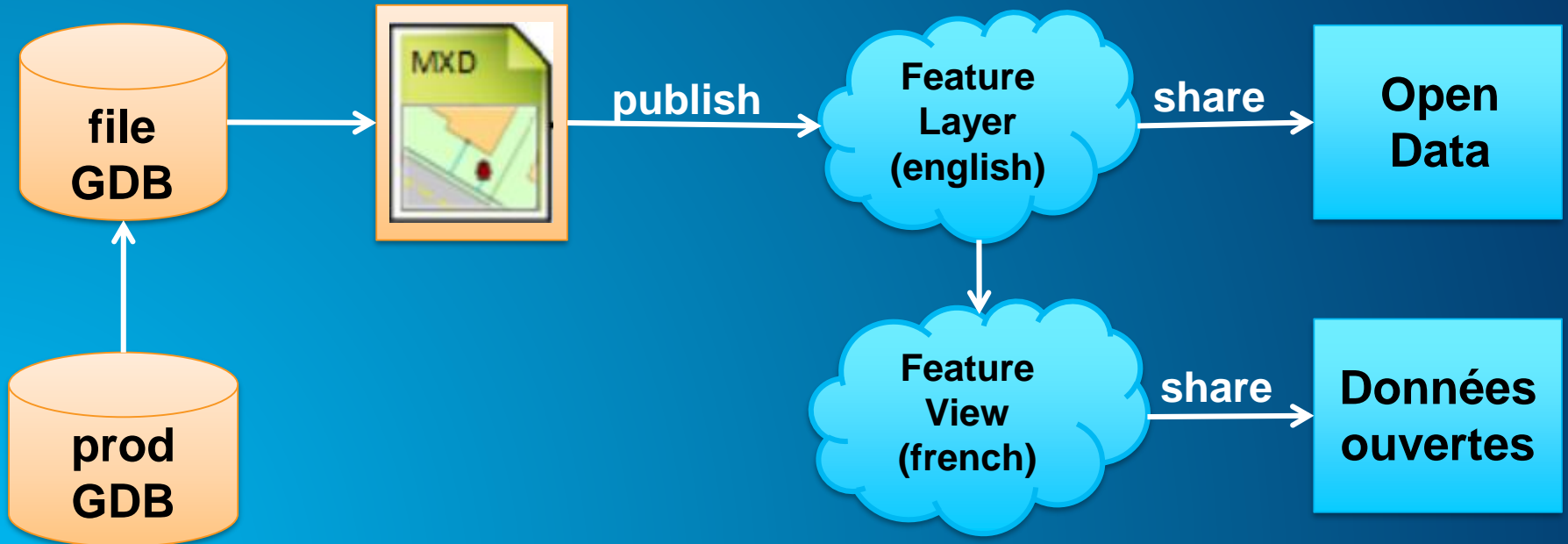
Categories

Apps

# Open Data publishing workflow

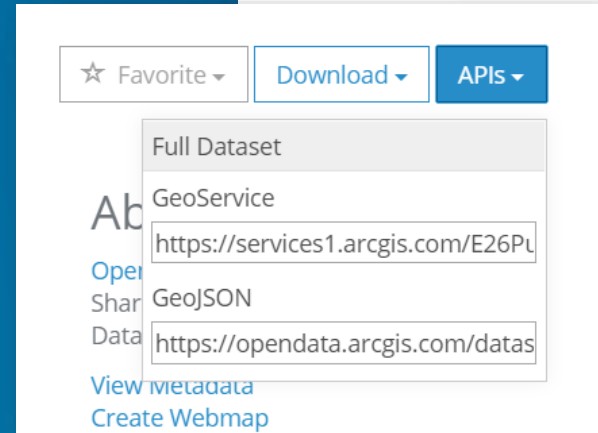
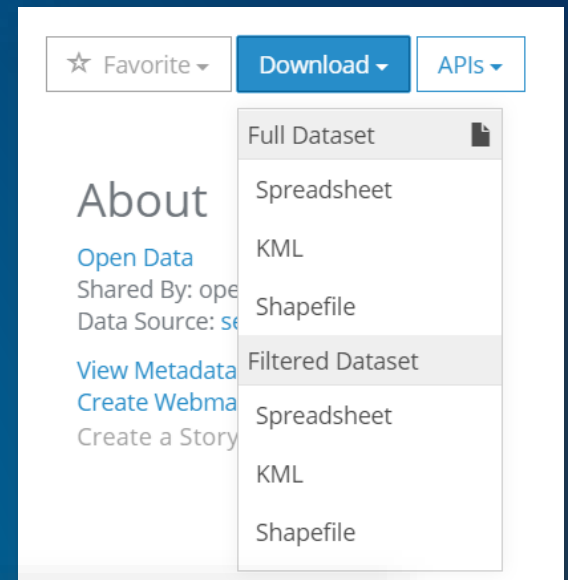
ArcGIS Desktop

ArcGIS Online



# Why Esri Open Data?

- already had access to it - no extra cost
- Easy to build - no programming
- same dataset in different formats
- clone a French site!



# Did you know?

you can store more than  
GIS datasets!

PDF

JPG

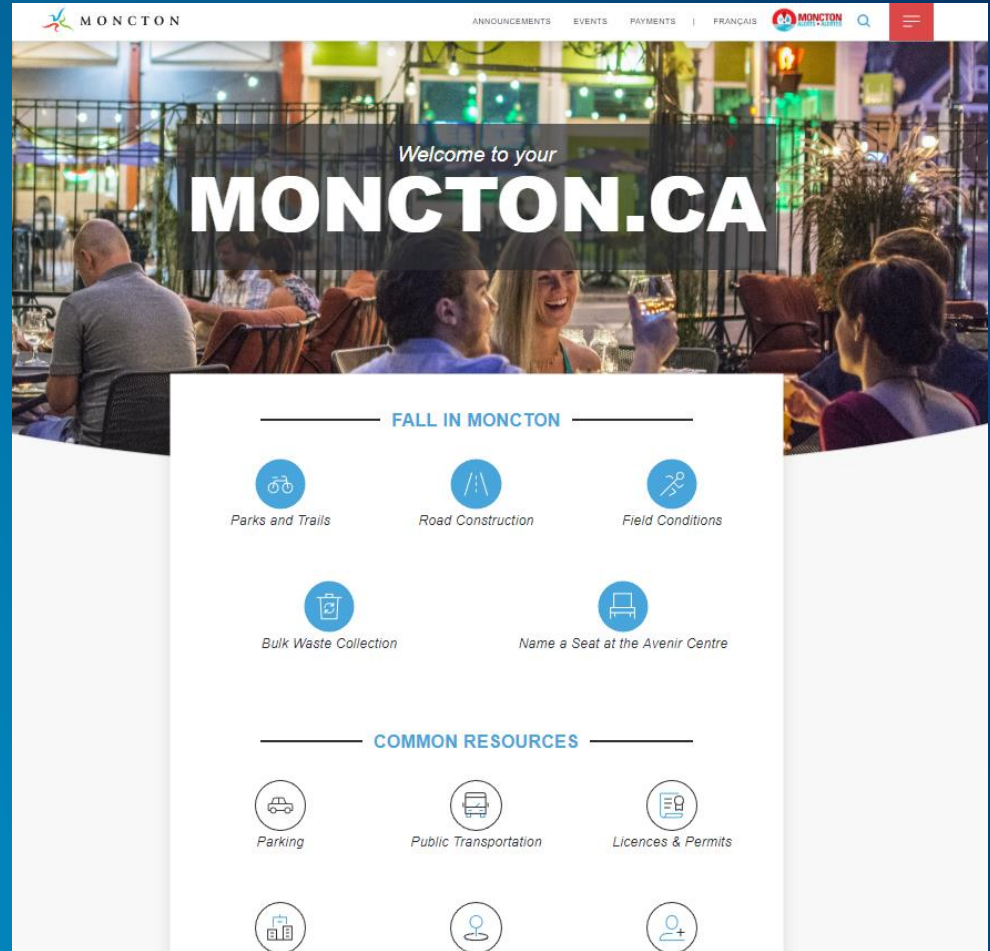
PPT

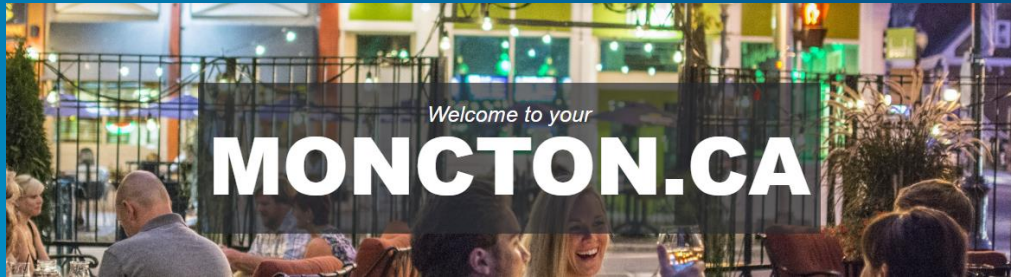
XLS

DOC

DWG

iWork Page





# What did we learn?

- Use more Feature Layer Views
- Prepare your content before making it public
  - description, thumbnail, tags, etc.
- Add **?locale=fr** to URL
- Look at what other municipalities are doing.
- Start small...build bigger

# What's Next?

- Improve our Python scripts to automate data updates.
- Train non-GIS users to publish and update their own content.
- Convert **Open Information** to **Open Data**
- Build Initiatives and Insights related to the City's Strategic Plan



**Merci**



**M O N C T O N**

**Thank You**