

Opening Data

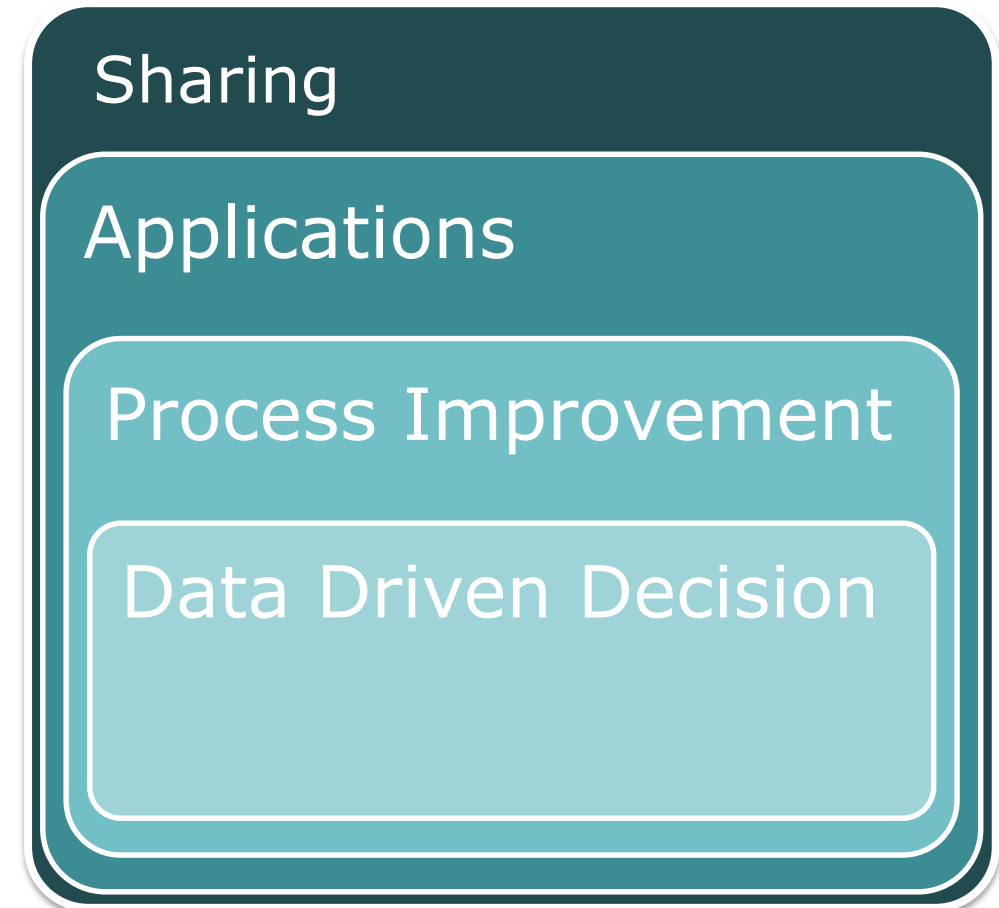
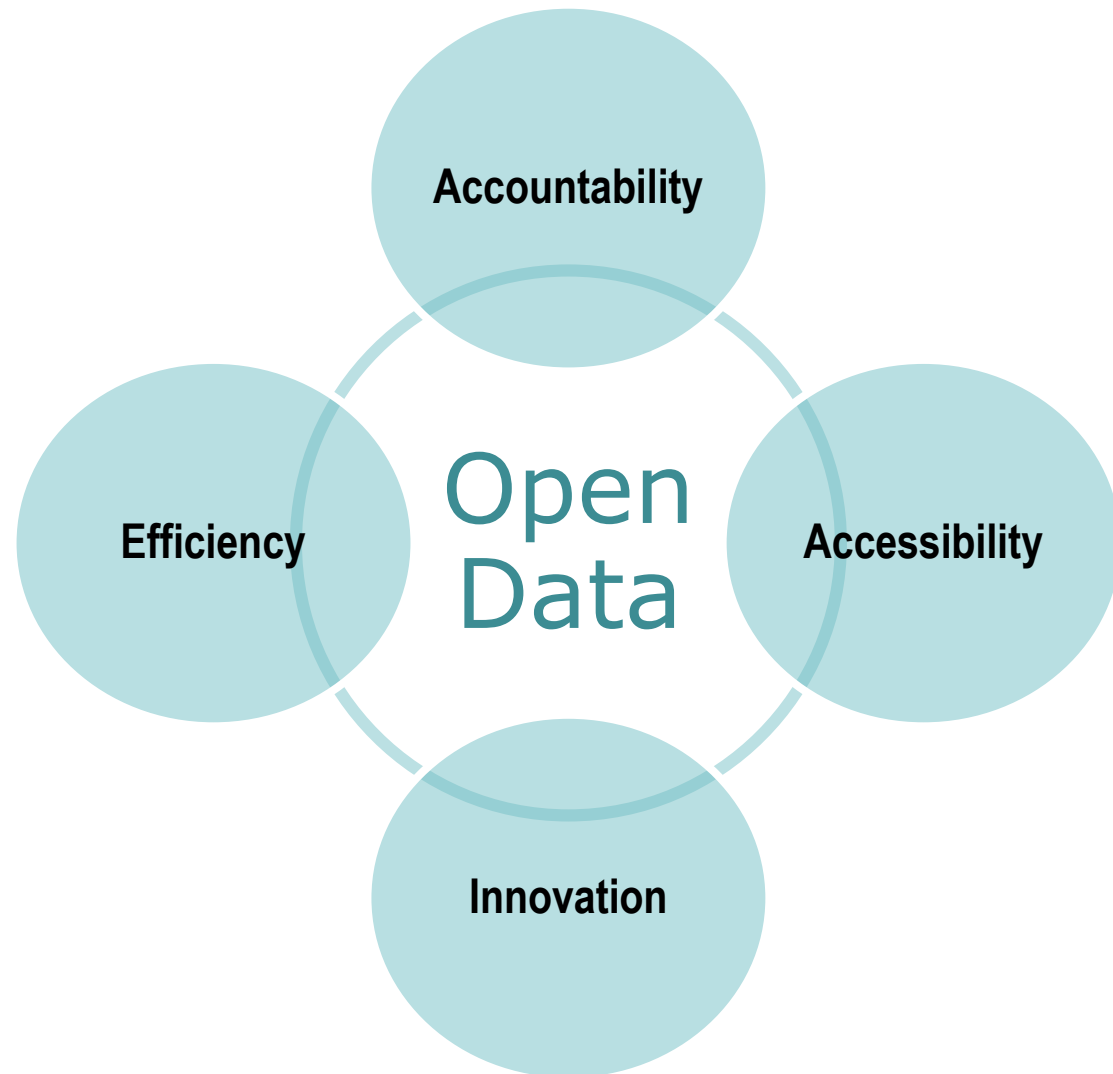
Strathcona County

Michael Houston
Open Data Integration Specialist

Lay of the Land

Requirement	Tool
Open Data Platform	Socrata
Database	Microsoft SQL Server
Extract, Transform, Load	FME
Visualization	Socrata, Tableau

Why do we do Open Data?



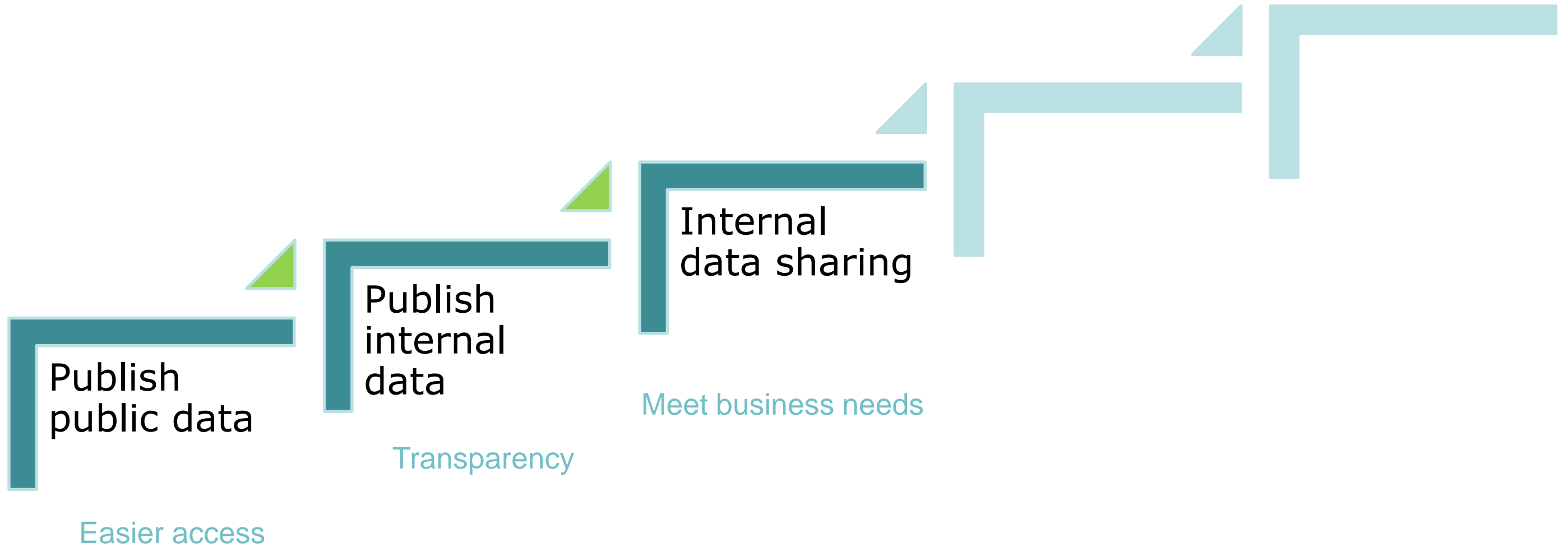
Maturity



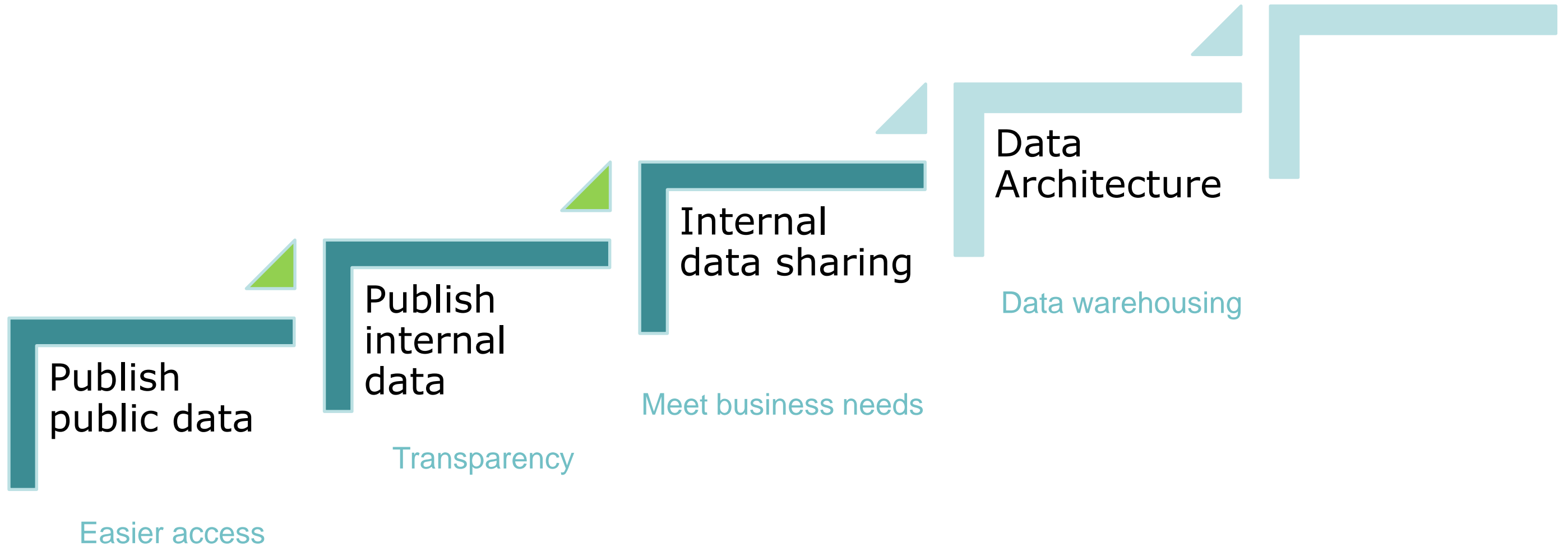
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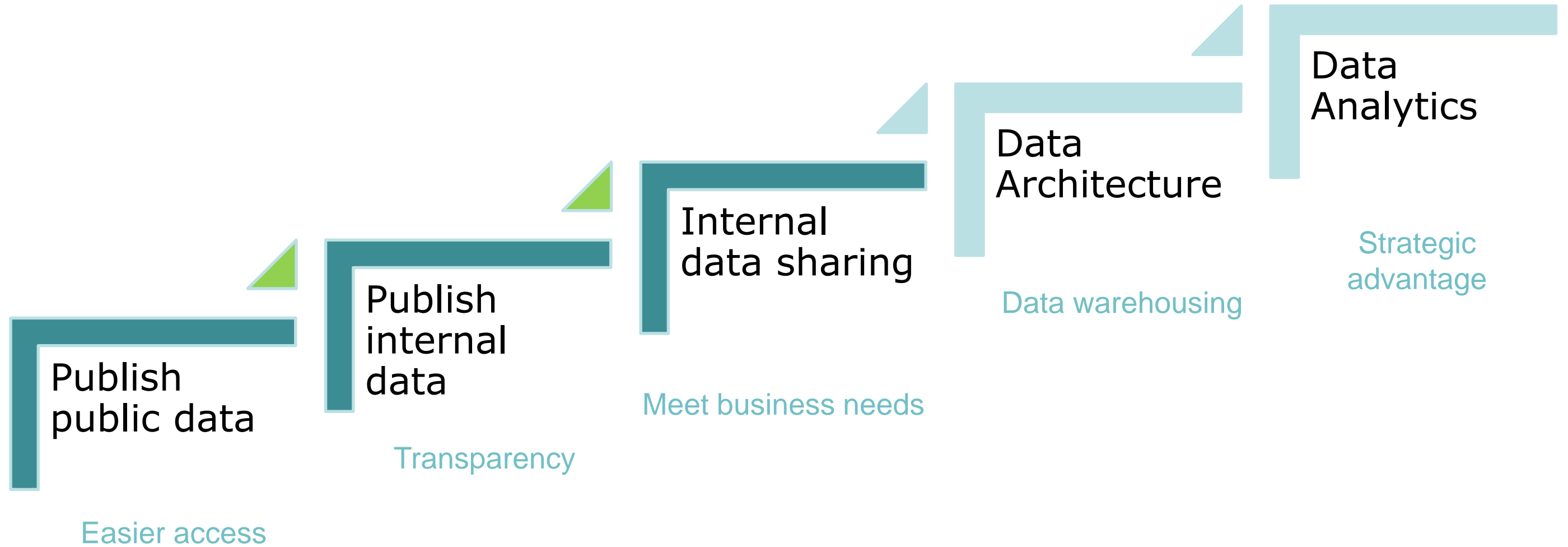
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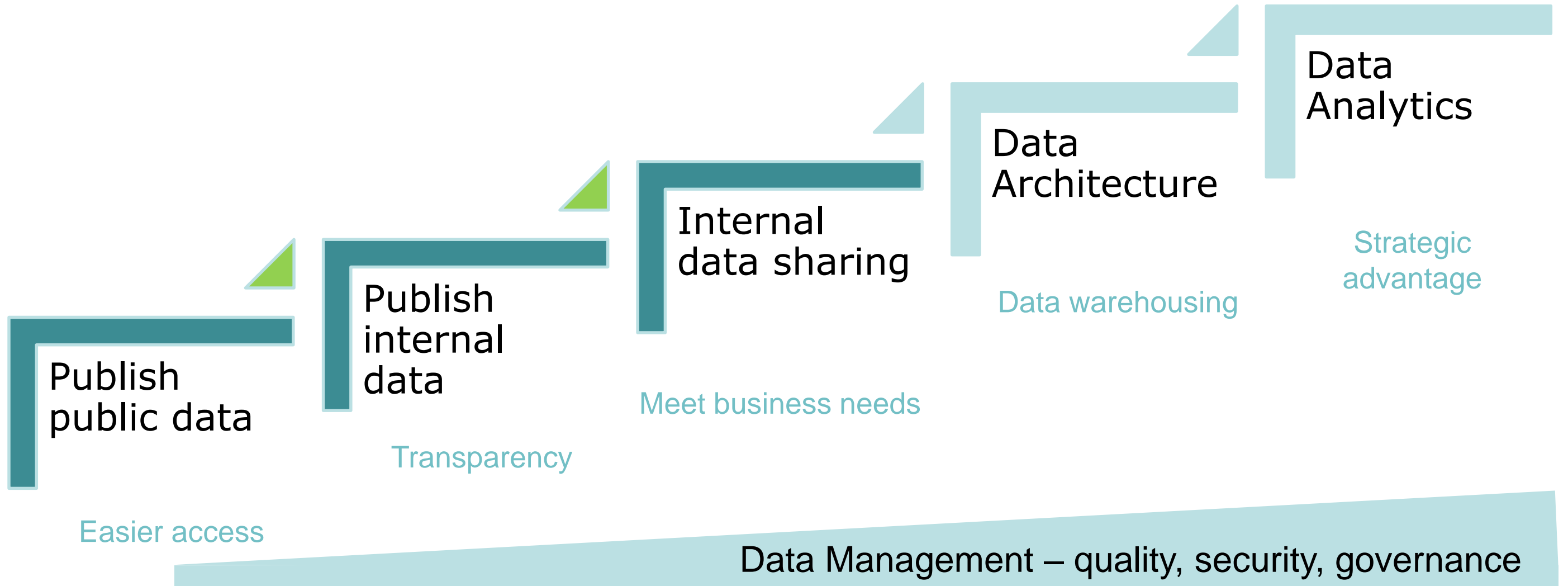
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Maturity



Maturity Evolution



2016 Goals and Objectives

Goal 1 - Open Data Governance

- Establish program governance
- Establish operational governance

Goal 2 - Open Data Management

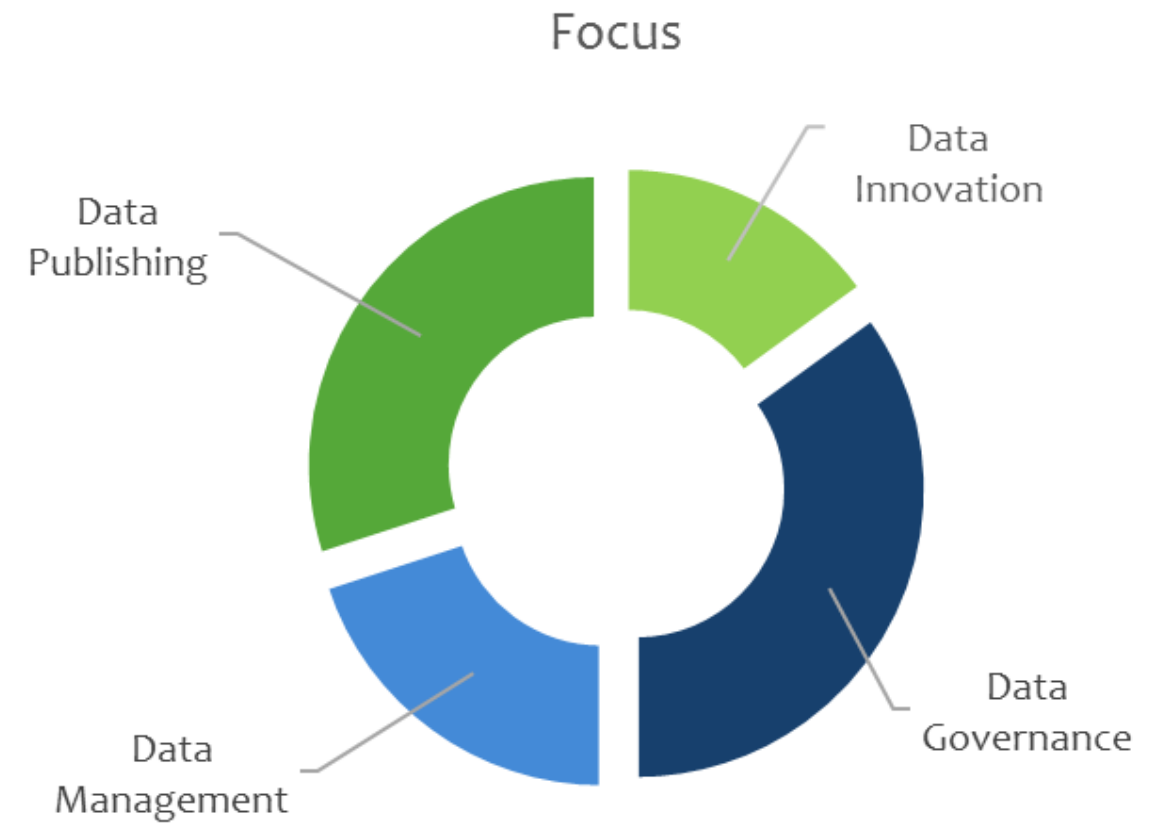
- Improve data publishing infrastructure
- Improve the management of the data

Goal 3 - Open Data Publishing

- Increase number of data sets published
- Improve publishing process

Goal 4 - Open Data Innovation

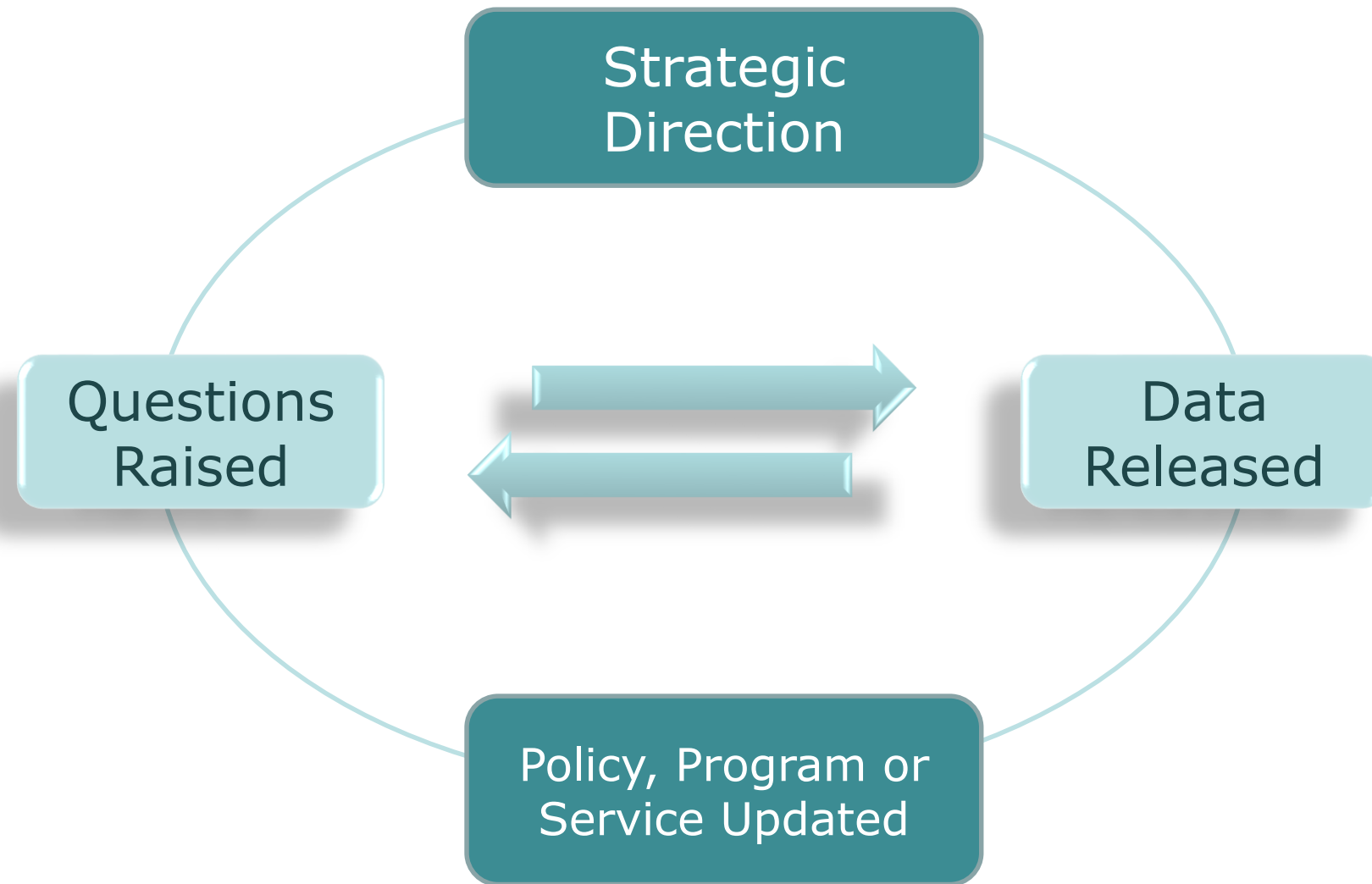
- Improve business intelligence of the data
- Support development of data driven applications



Lessons Learned

- Your only as good as your data
- Putting data into a catalog is not enough
- Solving internal problems is the long-term play
- Data drives improvement

Data Drives Improvement



Key Success Factors

- High Level Support
 - Establishment of principles and policies for direction
 - Strong governance structure for assurance
- Invest in Program
 - Dedicated staff and infrastructure
 - Long term approach
- Understand this is a culture shift
 - New way of doing business
 - Find win-win situations, focus on the value of the data and meeting business needs
- Software as a Service (SaaS)
 - Rapid deployment catapulted progress

Measure of Success

Canada's Top 20 Most Open Cities Announced for 2016

Open Cities Index Top 20 Cities

2016 Rank	Change in rank from 2015	Municipality	Overall		Readiness		Implementation		Impact	
			Score	%	Score	%	Score	%	Score	%
1	⇌	Edmonton	147.50	98%	25.00	100%	97.50	98%	25.00	100%
2	⇌	Toronto	113.50	76%	15.00	60%	79.53	80%	18.97	76%
3	10↑	Montréal	105.93	71%	22.50	90%	61.88	62%	21.55	86%
4	4↑	Calgary	99.95	67%	20.00	80%	59.69	60%	20.26	81%
5	-2↓	Surrey	90.74	60%	20.00	80%	59.53	60%	11.21	45%
6	3↑	Strathcona County	88.02	59%	15.00	60%	57.50	58%	15.52	62%
7	-1↓	Vancouver	83.37	56%	7.50	30%	59.06	59%	16.81	67%
8	-4↓	Ottawa	81.22	54%	10.00	40%	56.56	57%	14.66	59%
9		Québec City	79.66	53%	13.75	55%	51.25	51%	14.66	59%
10	1↑	Winnipeg	69.44	46%	12.50	50%	48.75	49%	8.19	33%
11	1↑	Oakville	68.64	46%	12.50	50%	40.63	41%	15.52	62%
12	-5↓	New Westminster	68.36	46%	13.75	55%	42.97	43%	11.64	47%
13	-8↓	London	66.40	44%	10.00	40%	45.63	46%	10.78	43%
14		Niagara Region	63.53	42%	8.75	35%	36.25	36%	18.53	74%
15	25↑	Mississauga	60.00	40%	18.75	75%	28.75	29%	12.50	50%
16	4↑	Halifax	59.61	40%	10.00	40%	37.97	38%	11.64	47%
17		Gatineau	58.90	39%	17.50	70%	30.63	31%	10.78	43%
18		Brampton	58.71	39%	15.00	60%	30.78	31%	12.93	52%
19	11↑	Kitchener	50.06	33%	8.75	35%	33.13	33%	8.19	33%
20		Victoria	48.99	33%	12.50	50%	23.13	23%	13.36	53%
		National Average	41.28	27%	8.34	34%	24.19	24%	8.95	35%

Open Data Champion

- Passion to promote
- Passion to educate
- High performing – gets things done
- Overcomes obstacles or goes around them
- Meets challenges by understanding the issues, simplifies, and then acts effectively
- Has a broad vision

Open Data Champion

Chris Kershaw