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33 6 74 52 69 23

An aerial architectural rendering of a city, likely Toronto, showing a river, several tall buildings, and a street grid. The image is rendered in a light blue, wireframe style. A semi-transparent dark blue rectangle is overlaid on the right side of the image, containing the title and author information.

JACQUES PRIOL

SIDEWALK TORONTO
Récit d'un échec et quelques
enseignements pour les villes
intelligentes en France

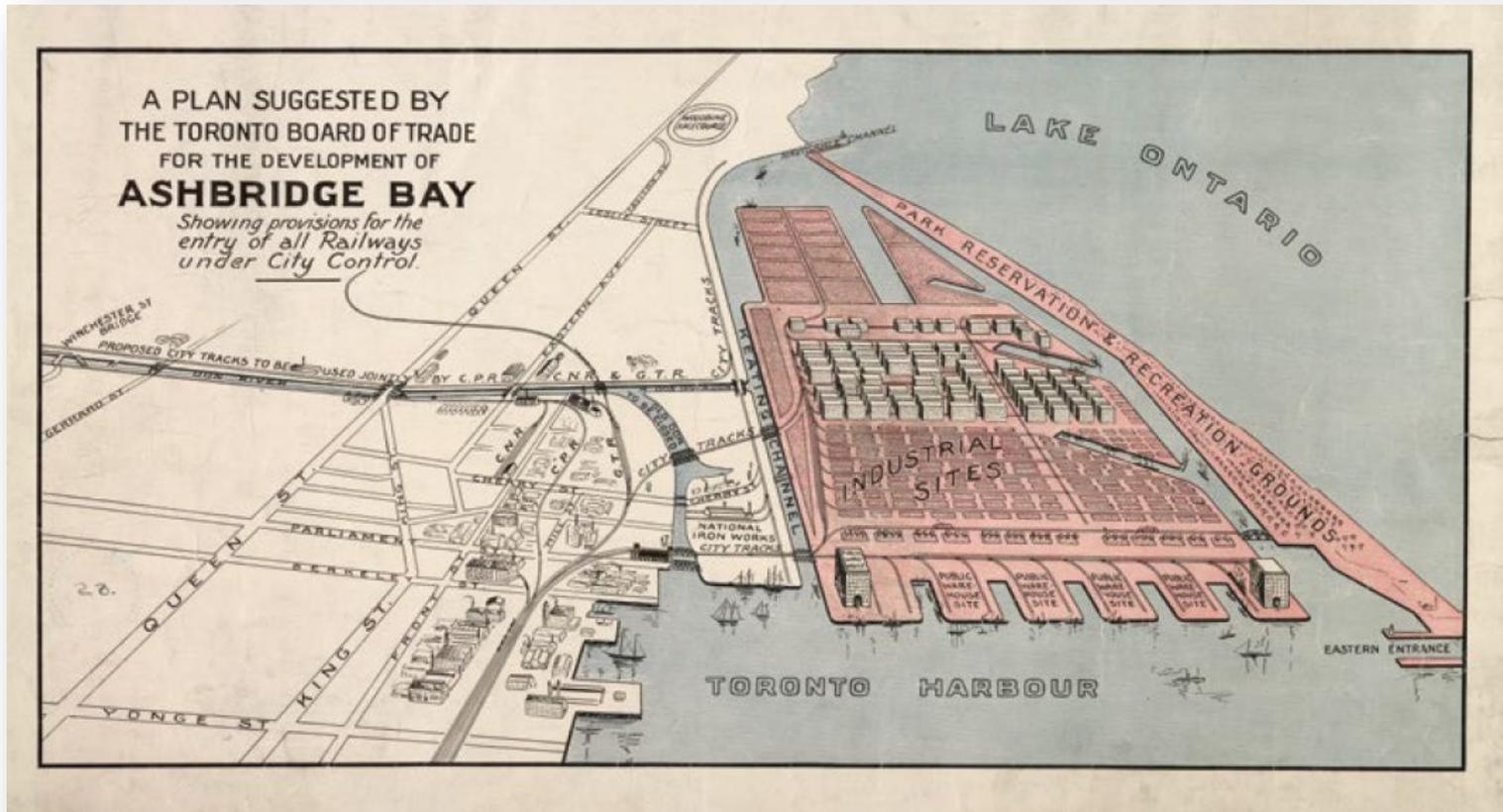
avril 2021

Jacques Priol

- Fondateur du cabinet CIVITEO
- Président de l'Observatoire Data Publica



1909



2020



5 hectares



La méthode

- 2017 : un « appel à manifestation d'intérêt » lancé par Waterfront Toronto

*« Waterfront Toronto est à la recherche d'un partenaire d'exception qui placera l'innovation au centre de sa démarche pour réussir à transformer radicalement les usages et instaurer **un cadre propice à l'émergence de méthodes innovantes qui feront référence dans le monde entier en matière de gestion urbaine** »*

Un investissement sans précédent

- **Les meilleurs...**
 - ✓ ... urbanistes et architectes
 - ✓ ... experts en énergie et développement durable
 - ✓ ... experts en mobilité
 - ✓ ... experts en design et concertation publique

- **50 millions de dollars dépensés en études**



Le plan

Master Innovation & Development Plan

Technical Appendix

SIDE WALK LABS

TITLE: Catalyzing digital services

AUTHOR: Craig Neill
Prem Ramaswami

ABSTRACT

- A discussion of:
- Two end-to-end data mobility, and enabling
 - Open Standards: Open
 - Accessibility: Digital

Most relevant sections:

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Master Innovation & Development Plan

Technical Appendix

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Master innovation & development



SIDEWALK TORONTO

Economic Impact Analysis – Executive Summary

Toronto, Ontario

Prepared for Sidewalk Labs

June 12, 2019

TITLE: Product Process April 2019

AUTHOR: Prem Ramaswami

ABSTRACT

An overview of the Sidewalk Labs digital product development process.

Most relevant sections: Vol 2 (Digital Innovation)

SIDE WALK LABS

For Immediate Release:
June 24, 2019
For media inquiries:
press@sidewalklabs.com

Sidewalk Labs Publishes Comprehensive Blueprint for the Neighbourhood of the Future

Toronto Tomorrow is a guidebook for how innovation can help achieve inclusive, sustainable growth—and a plan to create an estimated **44,000 jobs**, **\$4.3 billion** in annual tax revenues, and **\$14.2 billion** in annual GDP impact

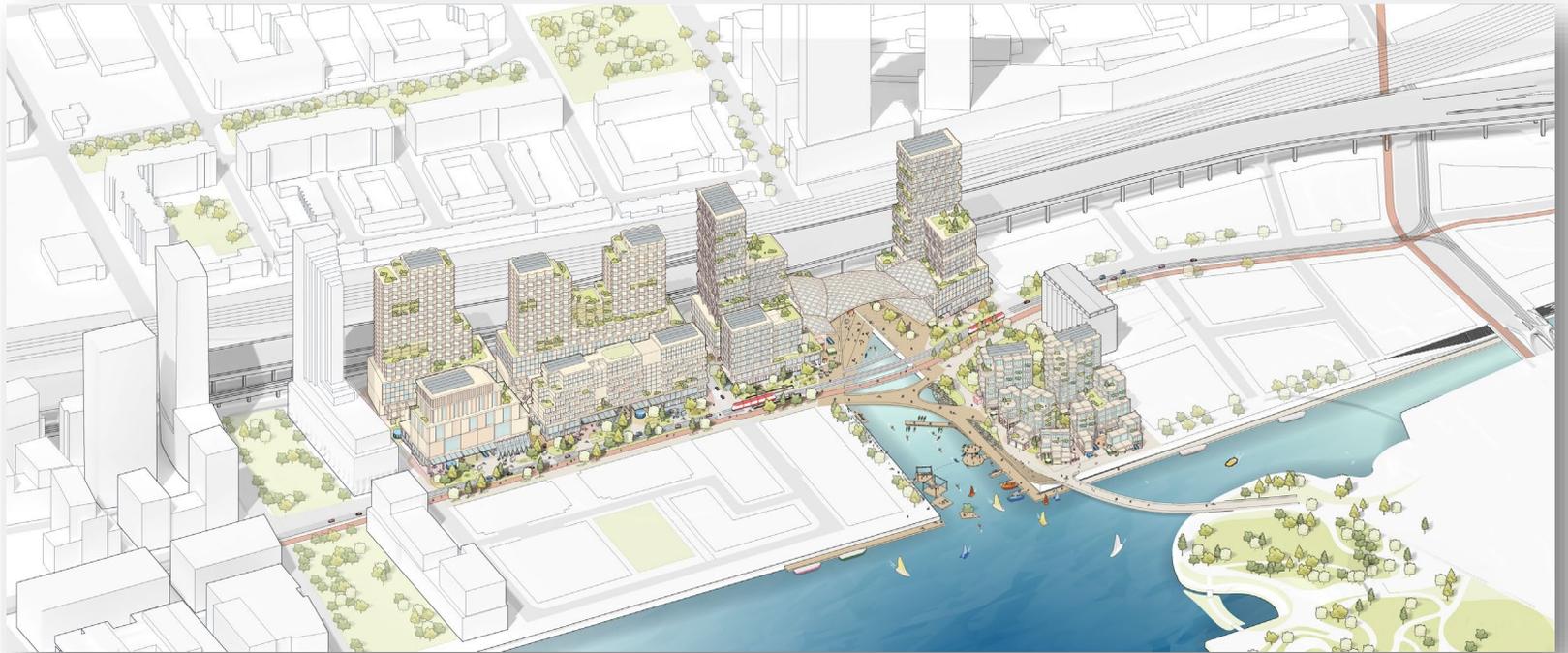
1,500-page proposal developed in consultation with more than **21,000 Torontonians** would accelerate development on Toronto's eastern waterfront by a decade

TORONTO—Sidewalk Labs' draft Master Innovation and Development Plan (MIDP) for Toronto's eastern waterfront, titled *Toronto Tomorrow: A New Approach for Inclusive Growth*, was publicly released today. It spans three volumes plus an overview, more than 1,500 pages in all, and includes detailed plans for dozens of innovations—from thermal and advanced energy grids, to factory-based construction of timber buildings, to a dynamic mobility network with heated bike lanes and adaptive traffic signals—that in combination aim to dramatically increase sustainability, affordability, and ease of transportation, and improve many other facets of urban life. Toronto Tomorrow can be explored and downloaded in full at www.sidewalktoronto.ca.

Implementation of the plan would produce an economic windfall for Toronto, Ontario, and Canada, and accelerate the development of Toronto's eastern waterfront by a decade. Sidewalk Labs proposes to provide, along with local partners, up to \$1.3 billion in funding and financing, which would catalyze \$38 billion in investment, primarily by third parties, by 2040. A report released today by the Toronto-based consultancy urbanMetrics quantified the effects of Sidewalk Labs' proposal, estimating that at its fullest scale, it would directly create 44,000 jobs (27,000 more than would be created in a business-as-usual baseline scenario), generate \$4.3 billion in annual tax revenues (\$2.8 billion more than the baseline), and add \$14.2 billion annually in Canadian gross domestic product (\$9 billion more than the baseline).

Source : Sidewalk Labs

Un effet Waouh !



Source : Sidewlak Labs

L'abandon du projet

- Mai 2020

ÉDITION ABONNÉS

Google abandonne son projet de « smart city » à Toronto

Le Monde avec AFP
Publié aujourd'hui à 13h57, mis à jour à 18h19

🕒 Lecture 4 min.

La société invoque la crise économique causée par le coronavirus pour abandonner ses plans de développement d'un quartier futuriste dans la ville canadienne.



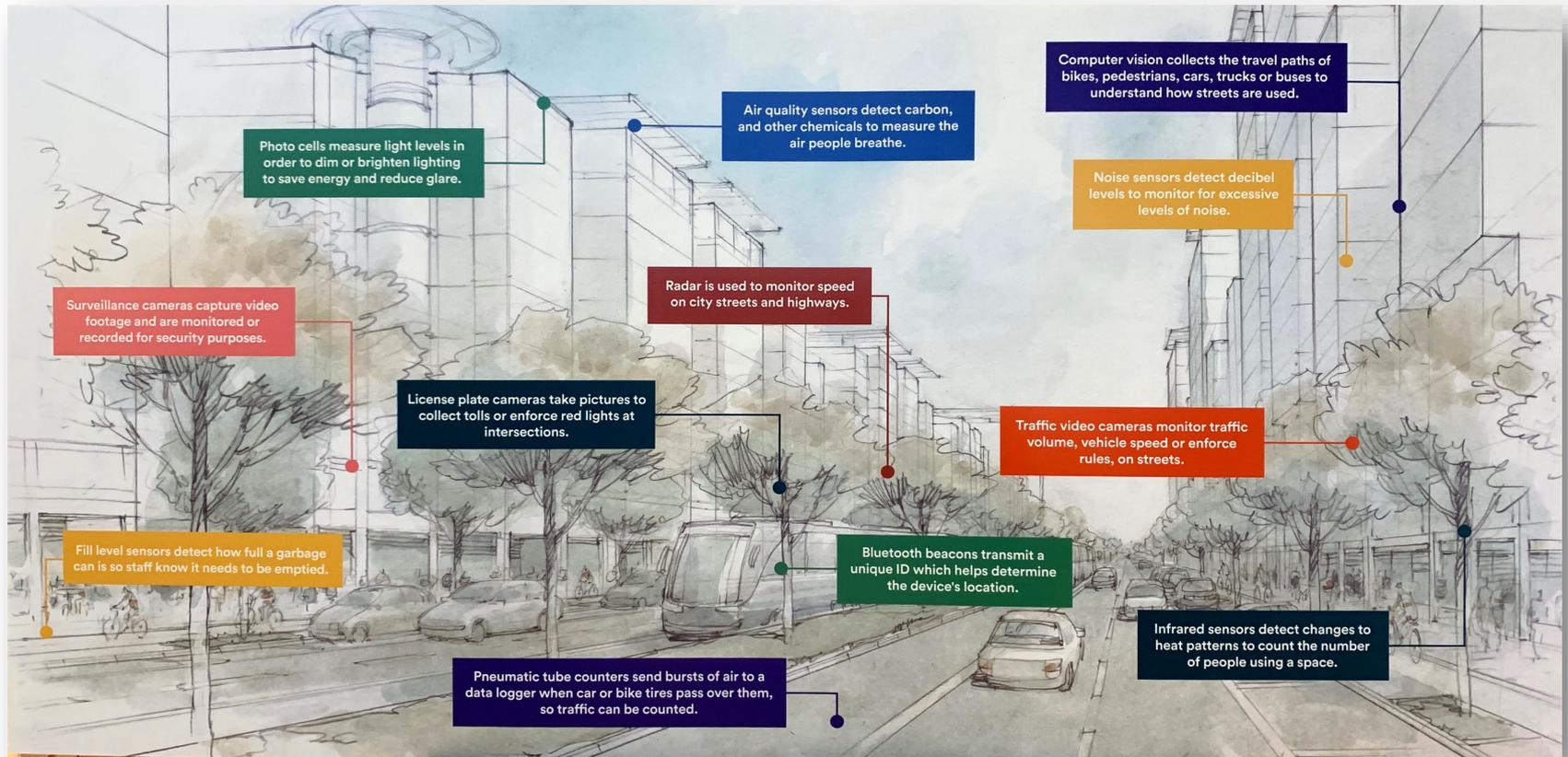
Vue d'artiste du quartier de Quayside, imaginé par Sidewalk Labs à Toronto.

Le projet controversé d'une « Google City » à Toronto, première incursion d'un des géants du numérique dans le monde de l'urbanisme, ne verra finalement jamais le jour. La société Sidewalk Labs, filiale de la maison mère de Google, Alphabet, a annoncé, jeudi 7 mai, qu'elle renonçait à développer le quartier futuriste envisagé sur une friche portuaire de la métropole canadienne, en raison de « l'incertitude économique sans précédent » créée par la crise due au coronavirus, notamment pour « le marché immobilier de

Projet annulé « en raison de la crise sanitaire »

Un enjeu central dès l'origine

- Une ville optimisée par la donnée



Source : Sidewlak Labs

Un enjeu central dès l'origine

- Les premières polémiques

CANADA October 21, 2018 3:41 pm Updated: October 22, 2018 6:12 pm

Ann Cavoukian, former Ontario privacy commissioner, resigns from Sidewalk Labs

October 04, 2018

Waterfront Toronto, and my
It is with deep dismay and
Digital Strategy Advisory P
When I was asked to join t
city-builders was that we w
best engage in this high-po
not the proposed package
short *and* long term for the
In the last eleven months
Waterfront Toronto's apart
license has been astound
ownership of the narrative
this "partnership" unfolds;
thorough job of bridging v
to their concerns and adv
"smart city" venture migh
New York, Seattle, and V
Alphabet/Sidewalk Labs'
reservations put forth by
My gravest concern is th
evidence that Waterfront
multiple fora - as evident
them, and what is consis
in August displayed a bl
infrastructure. Time was
of one-way streets, thing
process.
Waterfront Toronto's se
concerned residents an
Sidewalk Labs is asking
developed to the Alpha
Sidewalk Labs an exclu
Waterfront Toronto's pe

Les raisons

- Retour au 31 octobre 2019
 - ✓ Lettre ouverte de Stephen Diamond, Président du CA Waterfront



October 31, 2019

OPEN LETTER FROM WATERFRONT TORONTO BOARD CHAIR

When Waterfront Toronto released the Master Innovation and Development Plan (MIDP) to the public this past June, I wrote an [open letter](#) outlining the Board's early impressions of Sidewalk Labs' proposal. The letter acknowledged that there were some exciting ideas that respond to challenges we face, particularly related to environmental sustainability and economic development. The letter also clearly outlined several areas of concern Waterfront Toronto would need to see resolved before proceeding to an evaluation of the proposal.

We are pleased to report that we have reached alignment on the critical issues raised in my letter, as well as other issues and concerns raised by the public during consultations this summer.

Based on the progress made to date, the Board of Waterfront Toronto has decided unanimously to direct management to proceed with the formal evaluation of the MIDP and further public consultation.

Let me be clear: this is not a done deal. There is still much work to do before a final decision. While a final Board decision whether or not to proceed has yet to be made, we are pleased that we

« Soyons clairs : ce n'est pas une affaire conclue. Il reste encore beaucoup de travail à faire avant qu'une décision finale ne soit prise. »

- The amount of land in the proposal has been reduced, from 190 acres (IDEA district) to the 12 acres of Quayside as an initial stage of the project. If Quayside proves successful, the approval of any additional public lands outside of Quayside in will be subject to competitive procurement processes.
- Sidewalk Labs agreed that all personal information will be stored in Canada, and it has eliminated the Urban Data Trust proposal, as well as the term "urban data." It will comply with all existing and future legislative and regulatory frameworks.
- Proposals for new public administrators. Any future innovations in Quayside will remain subject to the regulation, evaluation, and approval of existing governing bodies.
- For vertical development, Sidewalk Labs has confirmed that it will partner with one or more real estate developers, rather than act as "lead developer" as originally proposed. As is customary, Waterfront Toronto would lead a competitive public procurement process.

D'autres raisons

- **Les décisions du 31 octobre 2019**
 - ✓ **Refus de l'extension du périmètre** du quartier (à Google d'honorer ses engagements initiaux et de respecter le cahier des charges)
 - ✓ **Refus de céder à la pression pour construire sur fonds publics une infrastructure de transports** nouvelle (à Google de faire la preuve que ses promesses de mobilité intelligente sont réalistes)
 - ✓ **Exigence de basculer les données collectées dans l'espace public dans une structure sous gouvernance publique** (abandon du projet de « urban data trust »)
 - ✓ **Exigence d'une propriété intellectuelle partagée** de toutes les innovations issues de ce laboratoire grandeur nature, notamment au bénéfice des entreprises canadiennes (worldwide)

L'abandon du projet

Why we're no longer pursuing the Quayside project — and what's next for Sidewalk Labs



[Daniel L. Doctoroff](#)
May 7 · 3 min read

[In October 2017](#), Sidewalk Labs and Waterfront Toronto set out to plan a shared vision for Quayside, a fundamentally more sustainable and affordable community resulting from innovations in technology and urban design. Since the project began, I've met thousands of Torontonians from all over the city, excited by the possibility of making urban life better for everyone.

So it is with great personal sadness and disappointment that I share that Sidewalk Labs will no longer pursue the [Quayside project](#).

For the last two-and-a-half years, we have been passionate about making Quayside happen — indeed, we have invested time, people, and resources in Toronto, including opening a 30-person office on the waterfront. But as unprecedented economic uncertainty has set in around the world and in the Toronto real estate market, it has become too difficult to make the 12-acre project financially viable without sacrificing core parts of the plan we had developed together with Waterfront Toronto to build a truly inclusive, sustainable community. And so, after a great deal of deliberation, we concluded that it no longer made sense to proceed with the Quayside project, and let Waterfront Toronto know yesterday.

While we won't be pursuing this particular project, the current health emergency makes us feel even more strongly about the importance of reimagining cities for the future. I believe that the ideas we have developed over the last two-and-a-half years will represent a meaningful contribution to the work of tackling big urban problems, particularly in the areas of affordability and sustainability. This is a vital societal endeavor, and Sidewalk Labs will continue our work to contribute to it.

On these fronts, we've already started innovative companies addressing [urban mobility](#), [next-generation infrastructure](#), and [community-based healthcare](#), and invested in startups working on everything from [robotic furniture](#) to [digital electricity](#). We continue to work internally on [factory-made mass timber construction](#) that can improve housing affordability and sustainability, a [digital master-planning tool](#) that can improve quality of life outcomes and project economics, and a new approach to [all-electric neighborhoods](#).

Mais l'histoire ne s'arrête pas là...

- **Sidewalk Infrastructure Partners**
 - ✓ Création annoncée le 7 mai 2020
 - ✓ Une spin-off de Sidewalk Labs
 - ✓ 400 millions de dollars
 - ✓ Pour construire les infrastructures des villes intelligentes

Quelques enseignements



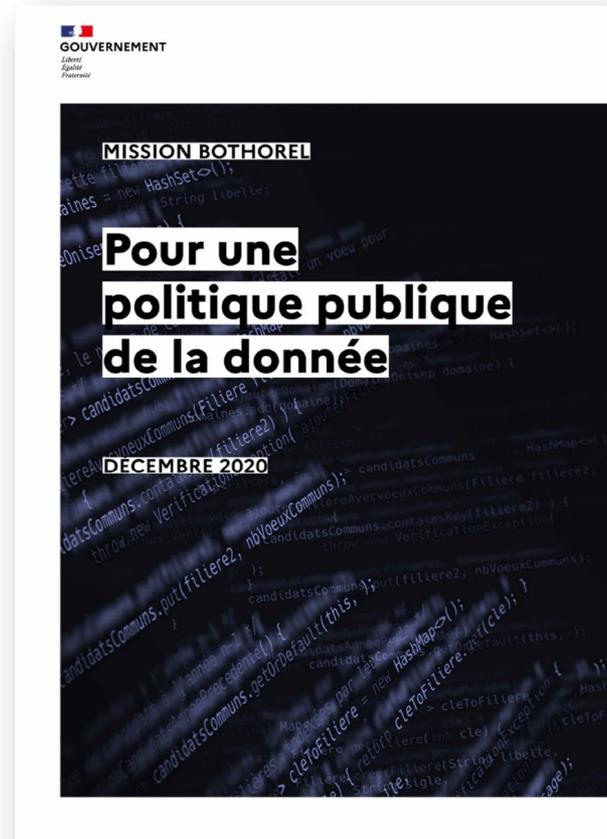
Les enjeux

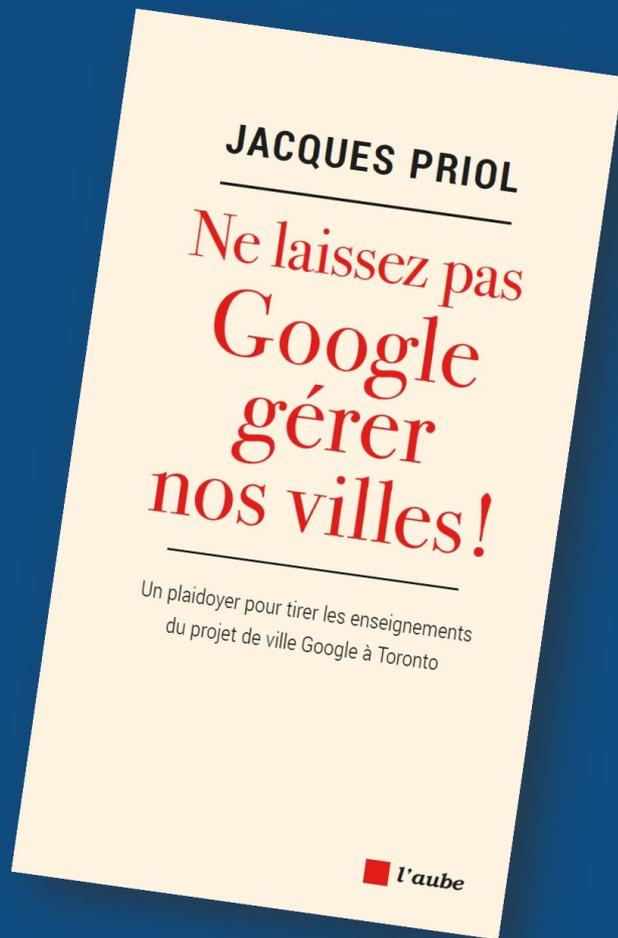
- **Les principaux enjeux à Toronto existent aussi en France. Ils sont :**
 - ✓ Juridiques (ex : RGPD, Loi pour une République numérique...)
 - ✓ Ethiques (ex : la sobriété)
 - ✓ Economiques (ex : propriété des données / commercialisation / propriété intellectuelle...)
 - ✓ Techniques (ex : hébergement, cybersécurité...)
 - ✓ Managériaux (ex : fonction data / gouvernance de la donnée)
 - ✓ Environnementaux (ex : data center)
 - ✓ Démocratiques (ex : tiers de confiance / data trust, open data, transparence algorithmique...)
 - ✓ Politiques (ex : souveraineté...)

Les enjeux



Des rapports en nombre





Les Editions de l'Aube
juin 2020 – 232 pages

Disponible sur le site

www.civiteo.fr

