HACKING THE CITY: LIBRARIES AND THE OPEN DATA MOVEMENT

ALEX CARRUTHERS
DIGITAL PUBLIC SPACES LIBRARIAN

epl.ca

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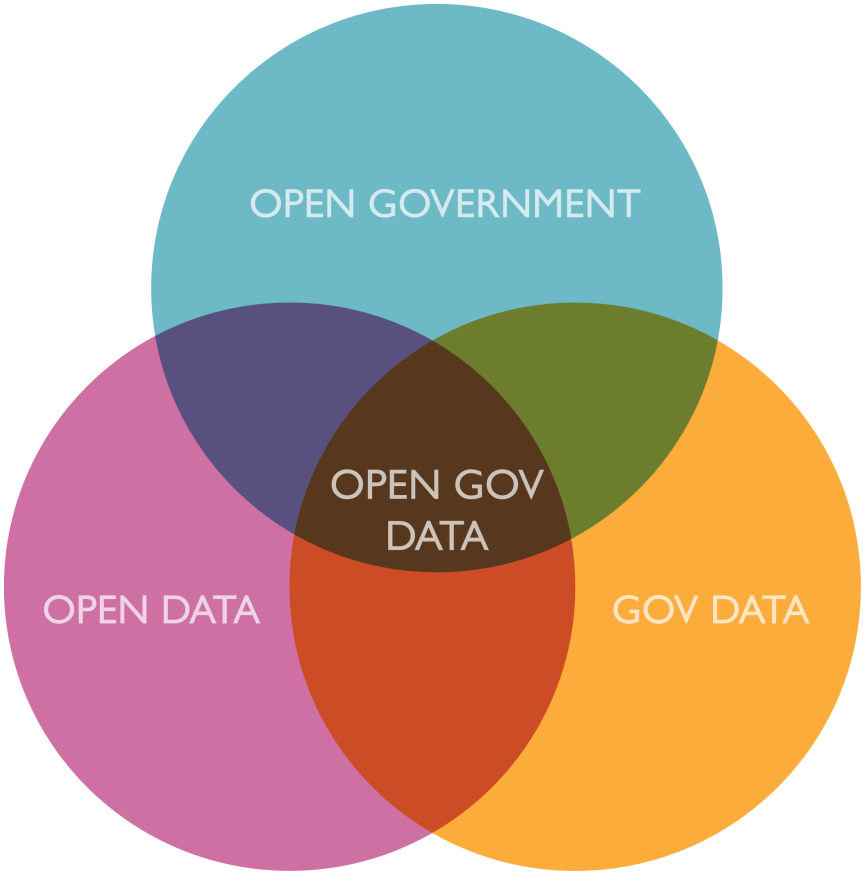
OPEN DATA MOVEMENT



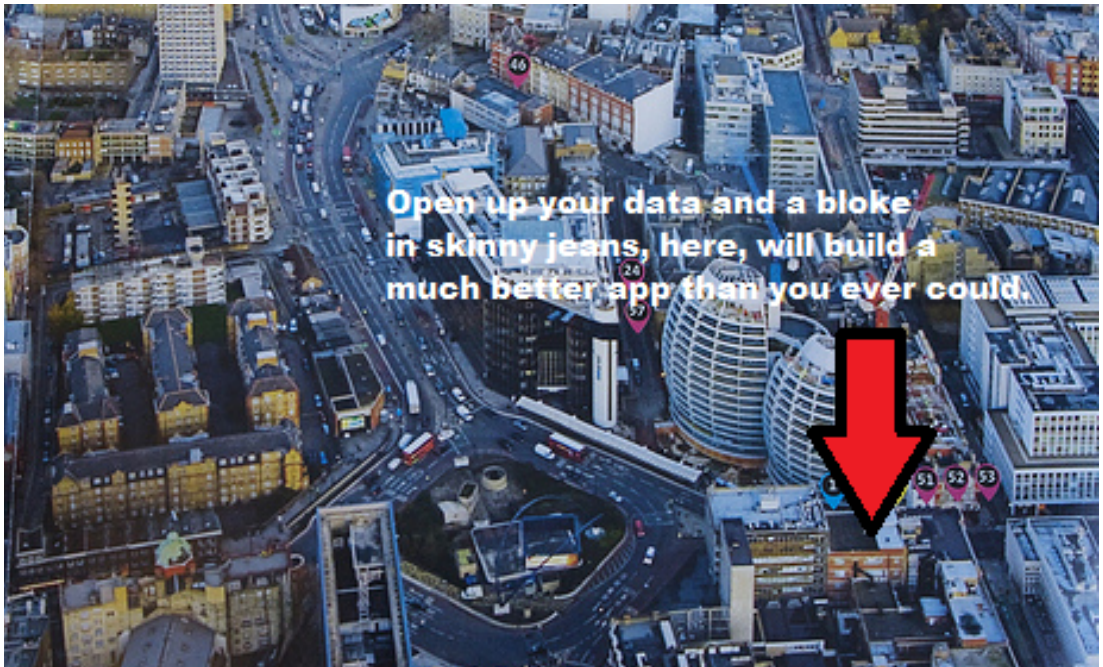
WHY OPEN DATA?

1. to increase government transparency
2. to release the social and commercial value of the data
3. to increase participation and engagement in government

-- OPEN KNOWLEDGE FOUNDATION

OPEN DATA FOR A
READ/WRITE SOCIETY

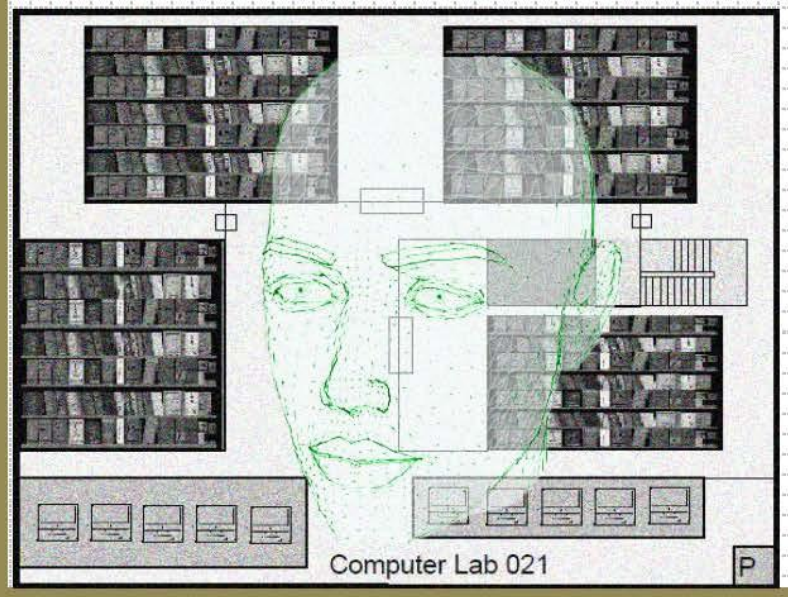
open data.
Open Knowledge Foundation



LibHack

LibHack 2014

Hacking for better libraries.
January 24. Philly.



The Steacie Library

DUNGEON HACKFEST

Thursday February 21, 2013

Hackathons

1. Digital Literacy
2. Civic Engagement
3. Leveraging Community Knowledge

Participatory culture

- low barriers to entry
- strong support for creation and sharing with others
- informal membership where experience is passed along to newbies
- members believe their contributions matter

(Jenkins, H., Purushotma, R., Weigel, M., Clinton, K., & Robison, A.J. (2009). Confronting the challenges of participatory culture: Media education for the 21st century. Cambridge, MA: The MIT Press.)

INTERNATIONAL

Open Data Day Hackathon

FEBRUARY 22, 2014

EPL MAKERSPACE

Register at epl.ca/odd2014

EDMONTON PUBLIC LIBRARY epl.ca

INTERNATIONAL

Open Data Day Hackathon

FEBRUARY 22, 2014

EPL MAKERSPACE

Register at epl.ca/odd2014

May 24
2014
HackYEG
open data hackathon
+info hackyeg.com
@Stanley
A. Milner
Library
Edmonton
Socrata

HackYEG

open data hackathon

HackYEG

open data hackathon

Digital Literacy

Open Data Day Hackathon

1.2. Data in society: a tool for knowledge and innovation.
Competency: learners need to be aware of the role of data in society, how they are generated and by whom, and their possible applications, as well as the implications of their use.

3. Reading, interpreting and evaluating data.

3.1. Reading and interpreting data.
Competency: learners need to be aware of the various forms in which data can be presented (written, numerical or graphic), and their respective conventions, and be able to interpret them.

3.2 Evaluating data.
Competency: learners need to be able to evaluate data critically.

5. Using data.

5.1. Data handling.
Competency: learners need to be able to prepare data for analysis, analyze them in keeping with the results sought and know how to use the necessary tools.

5.2. Producing elements for data synthesis.
Competency: learners need to be able to synthesize and represent the results of data analysis in ways suited to the nature of the data, their purpose and the audience targeted in the inquiry.

Calzada Prado, J & M. Á. Marzal. (2013). "Incorporating Data Literacy Into Information Literacy Programs: Core Competencies And Contents.“ p. 130-131

INTERNATIONAL Open Data Day Hackathon

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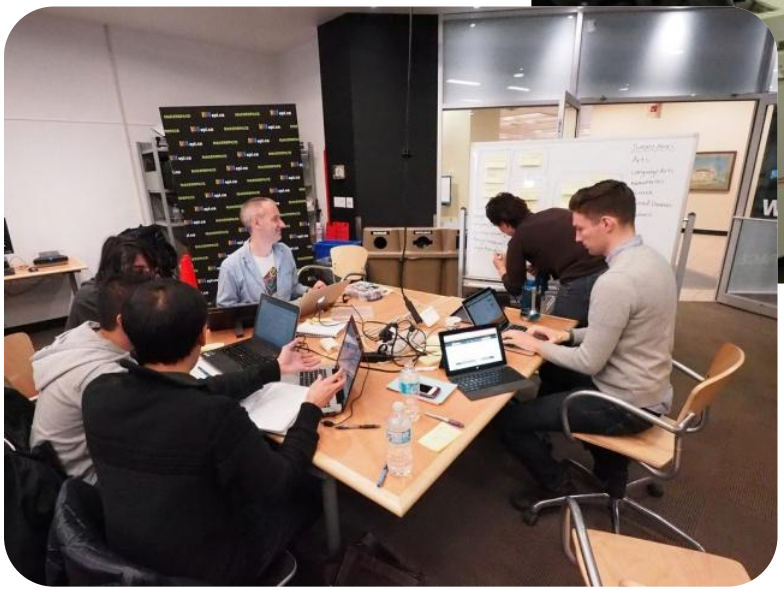
HackYEG

open data hackathon

Civic Engagement



73%

of respondents enjoyed the opportunity to network with city representatives and people with similar interests --Open Data Day follow up survey

INTERNATIONAL Open Data Day Hackathon

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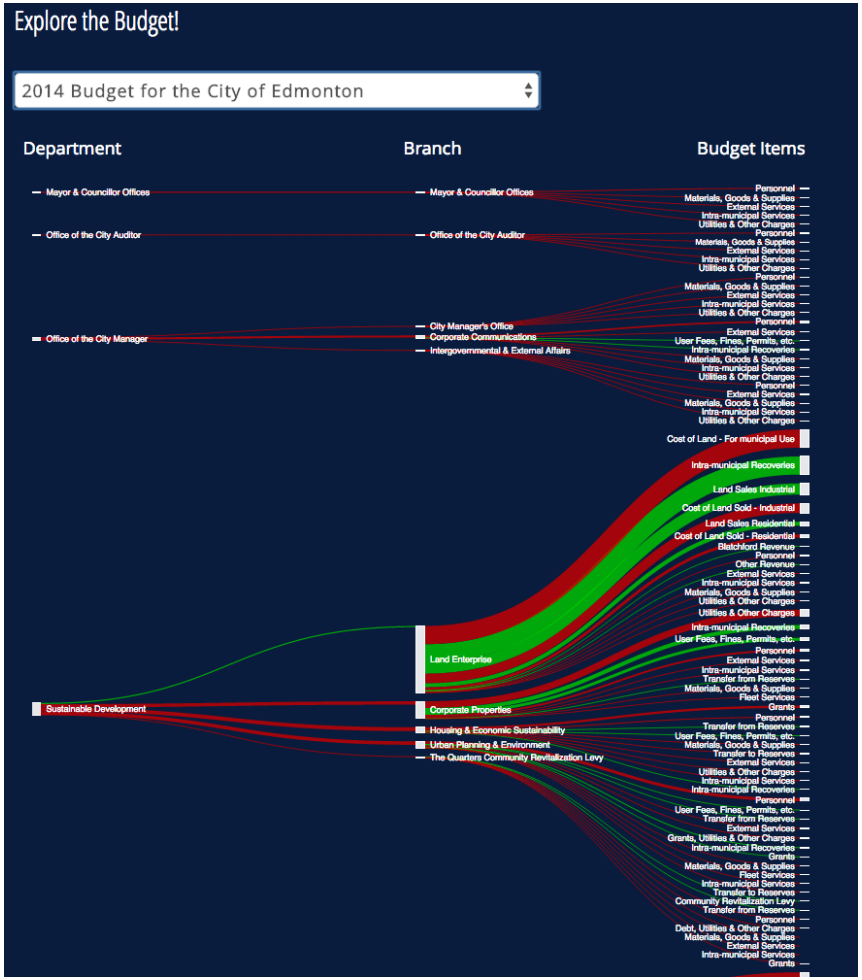
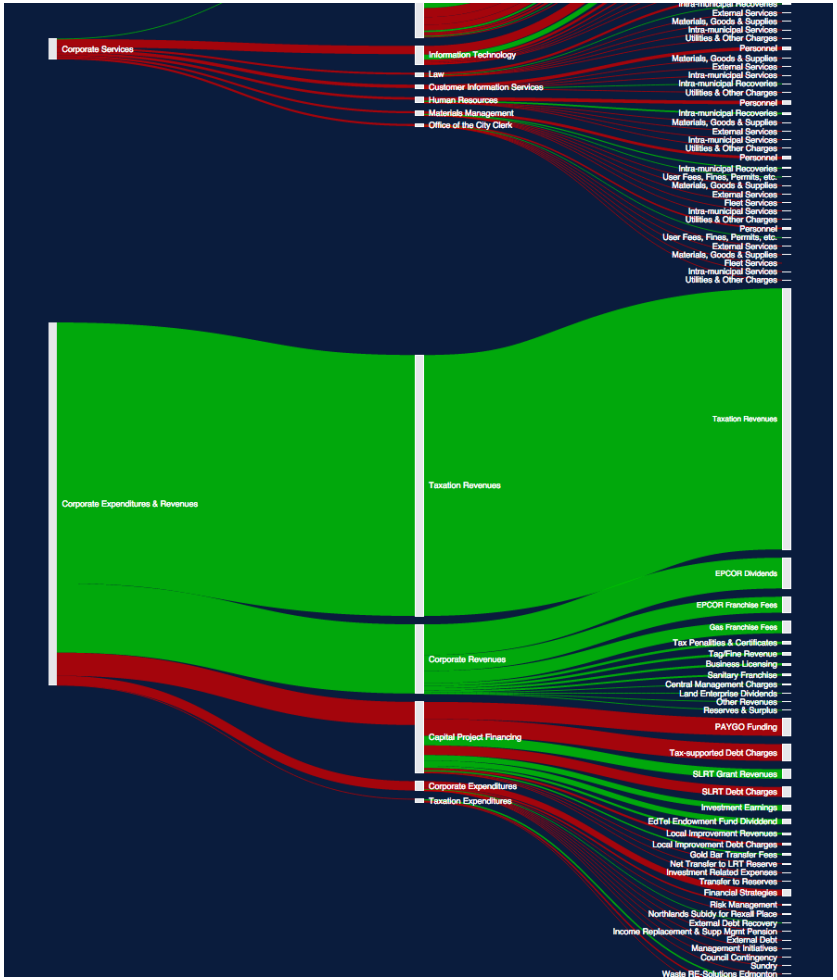
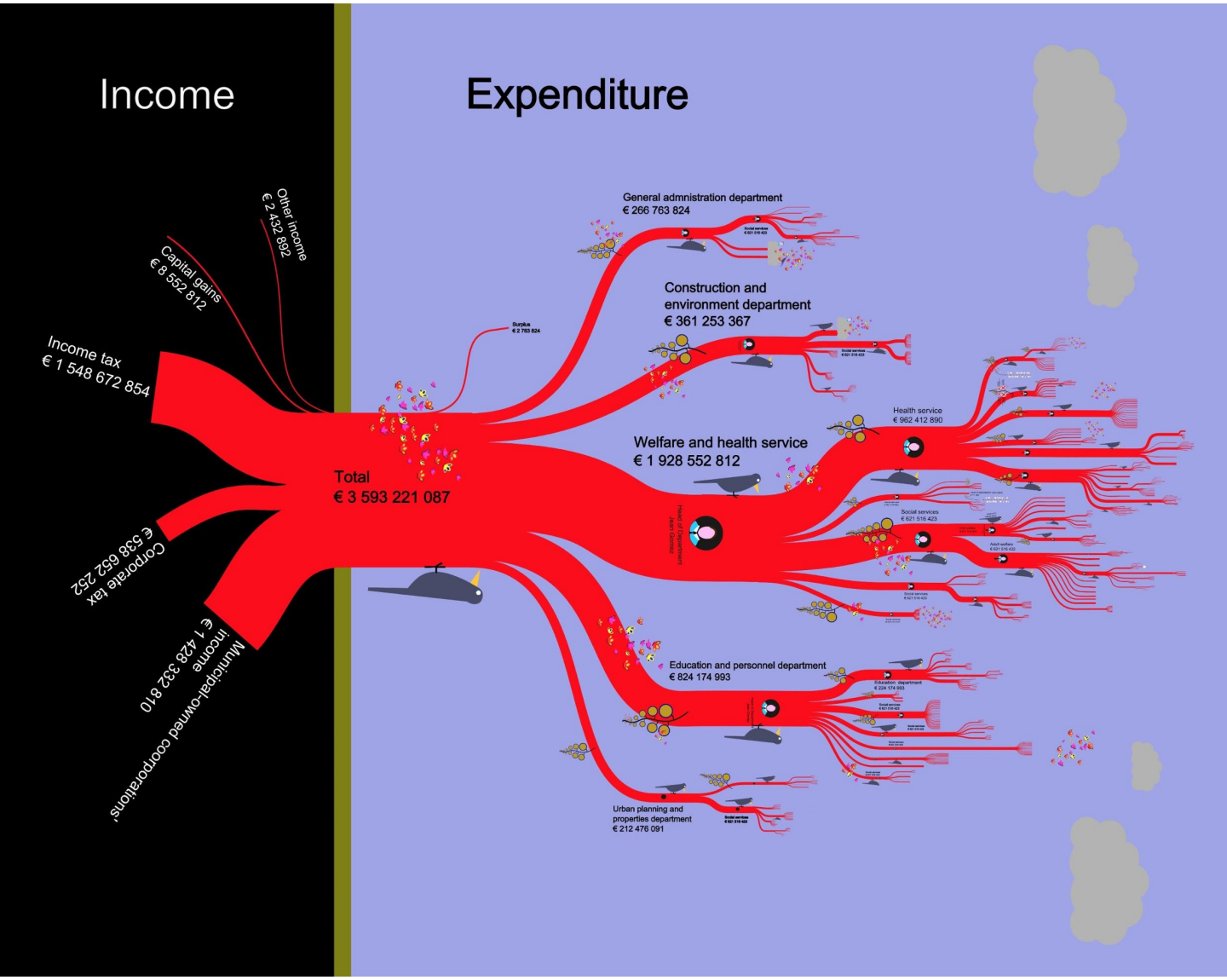




HackYEG

open data hackathon


Income
Expenditure
Other income
€ 2 432 892
Capital gains
€ 8 552 812
Income tax
€ 1 548 672 854
Corporate tax
€ 538 652 252
Municipal-owned corporations' income
€ 1 428 332 810
Total
€ 3 593 221 087
Surplus
€ 2 783 824
General admnistration department
€ 266 763 824
Construction and environment department
€ 361 253 367
Welfare and health service
€ 1 928 552 812
Education and personnel department
€ 824 174 993
Urban planning and properties department
€ 212 476 091
Health service
€ 962 412 890
Social services
€ 621 516 423

Leveraging Community Knowledge

The increasing importance of data in our civic lives “requires public, school and academic libraries to contribute to both data and information literacy, as part of their larger mission to further knowledge and innovation in their respective fields of action”

-Prado and Marzal (2013)

Thanks!

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