New Orleans, USA, 2005
Valassis New Orleans Recovery

- Valassis shared its mailing address database with nonprofit Greater New Orleans Community Data Center
- Used Google Maps and Street View to visualize and track the block-by-block repopulation rate after Hurricane Katrina
Firenze, Italy
Community Data Collaboratives

Data-Driven Planning for Sustainable Tourism in Tuscany

- Researchers used call records from Vodafone Italy and data generated through the use of Firenzecard
- Analyzed tourism patterns in Tuscany to design a more sustainable tourism plan
The Value of Data for Communities

DATA → INSIGHT → ACTION

The Emergent Practice of Community Data Collaboratives
From Data to Insight

Situational Analysis

Data-Driven Planning for Sustainable Tourism in Tuscany

Cause-and-Effect Analysis

California Water Data Collaborative

Prediction

Predicting Bike Availability

Impact Assessment

‘JUNK MAIL’ TO THE RESCUE IN NEW ORLEANS

Valassis Data Driven Recovery in New Orleans

The Emergent Practice of Community Data Collaboratives
From Insight to Impact

Improving Governance

Empowering Citizens

Creating Economic Opportunity

Solving Public Problems

Chisinau’s Data Collaborative

Your STL Courts

NYC Business Atlas

CHORDS
Challenge & Opportunity of Data Age

RE-USE OF DATA

CONDITIONALITY/COLLABORATION

CLOSED

OPEN

The Emergent Practice of Community Data Collaboratives
Operational Models

Research Partnership

Public Interface

Data Pooling

Pecan Street Data Port

Numina Street Intelligence API

Coord Open Curbs

Explore the Digital Curb with Open Curbs

Open Curbs is fueled by collaborating cities and private sector innovators who are passionate about their commitments to providing open access to their curb data surveyed by our tools. Users can view collected curb assets from participating surveys for things such as parking signs, fire hydrants, loading zones, bus stops and more.

View documentation  Get data sample
Operational Models

**Trusted Intermediary**
- Envision Charlotte

**Prizes and Challenges**
- Dockland 3D Data Hack

**Intelligence Generation**
- Citiesense - Long Island Partnership
## Key Findings

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## Key Findings

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### Key Findings

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<table>
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<td>Energy</td>
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<td>Crisis Response</td>
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<td>Agriculture</td>
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</tbody>
</table>
Business Case for Data Collaboration

- Reciprocity
- Research & Insights
- Reputation & Public Relations
- Revenue Generation
- Regulatory Compliance
- Responsibility & Philanthropy
- Retaining Talent
Bottom-up data Trusts: disturbing the ‘one size fits all’ approach to data governance

Sylvie Delacroix, Neil D Lawrence


Published: 01 October 2019
Challenge: Ecosystem Failure

DEMAND ?

≠

SUPPLY ?

IMPACT ?
Challenge: Scaling Failure

The Emergent Practice of Community Data Collaboratives
Data Collaboration Canvas

The Emergent Practice of Community Data Collaboratives
The 100 Questions Initiative

https://the100questions.org/
# People Led Innovation

## The Emergent Practice of Community Data Collaboratives

![Collaboration Types Diagram](https://www.peopleledinnovation.org)

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<th>COLLABORATION TYPES</th>
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<tr>
<td>RP - REPORT</td>
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</tbody>
</table>

- Residents
- Domain Experts
- Non-Governmental Organizations
- Community-Based Organizations
- Area Business Owners
- Anchor Institutions
- Municipal Government Administration
- Resource Partners

[https://www.peopleledinnovation.org](https://www.peopleledinnovation.org)
The Data Stewards Network (DSN) connects responsible data leaders from the private sector seeking new ways to create public value through cross-sector data collaboration. Watch this space for regular insights and outputs from the Network.

http://datastewards.net/
Contractual Wheel of Data Collaboration

Publication and Dissemination Requirements
Jurisdiction/Implications Including Immaterialization
Enforcement Procedures

Purpose of the Data Collaborative
Scope & Limitations

Duration (Period of Agreement)
Frequency of Updates
Data Retention
Termination & Modification

Data Assets & Resources
Formats Standards and Technical Requirements
Provenance

Operational Models & Sharing Mechanisms
Resources & Costs
Permissiblities
Legal & Professional Requirements
Governance & Audit
Dispute Resolution & Risk Mitigation Strategies

Parties (Providers & Users)
Custodial Duties
Access Criteria
Rights & Responsibilities

Governance
Who
Why
How
Where
Concluding reflections

- Political Economy of Data Collaboratives
- End-to-End Data Collaboratives > Change Management
- Preventing “Tragedy of the Commons”
- Societal Expectations on the Re-Use of Data
- The need for a Data Collaboratives Movement
Stay Up to Date

Curated findings and actionable knowledge at the intersection of technology, innovation, and governance

Learn about The Living Library here

https://thelivinglib.org/

DATA STEWARDS

The Data Stewards Network (DSN) connects responsible data leaders from the private sector seeking new ways to create public value through cross-sector data collaboration. Watch this space for regular insights and outputs from the Network.

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