Demand-Driven Open Data

Achieving the SDGs by focusing on data users

Laura Manley, Co-Founder
Center for Open Data Enterprise
laura@odenterprise.org
Pharmaceutical Supply Chain

Manufacturer → Wholesaler → Pharmacy → Patient

Real-time data

Ministry of Medicines & Medical Devices

Annual publication

REPUBLIC OF SERBIA
“We were dependent on whether or not someone saw something new on a box.”

– Pharmaceutical Wholesaler
“We need a dataset online in CSV format that is updated at least once a month..”

“..this data will help us keep track of changes to medicines without having to manually transcribe information from an outdated book.”
Агенција за лекове и медицинска средства Србије

Агенција за лекове и медицинска средства Србије је регулаторна установа Републике Србије, одговорна за регулативу фармацеутског тржишта Србије. Агенција обезбедије услуге издавања дозвола, одобрења и уверења за хумане и ветеринарске лекове и медицинска средства, као и контроле квалитета лекова и медицинских средстава које испуњавају захтеве, потребе и очекивања корисника, захтеве закона и других нормативних докумената.

Преузимање регистра лекова и медицинских средстава

Извршавање ове услуге је доступно само корисницима који имају креиран кориснички налог. Кликните на дугме да бисте извршили услугу.

Назив услуге

Преузимање регистра лекова и медицинских средстава
GOAL 3

ENSURE HEALTHY LIVES AND PROMOTE WELL-BEING FOR ALL AT ALL AGES
TARGET 3.8

“...to achieve access to safe, effective, quality and affordable essential medicines for all.”

TARGET 3.9

• “...to substantially reduce the number of deaths and illnesses from hazardous chemicals and contamination.”
Demand-Driven Open Data

Identifying, prioritizing, and improving datasets based on the needs and insights from data users
Why Demand-Driven Open Data?

High Value Data

Greater Context

Data Sharing
How to engage stakeholders?

✓ Mapping data users
✓ Convenings
✓ Interviews
✓ Surveys
✓ Feedback forms
✓ Social media
Open Data Impact Map

A public database of organizations that use open data from around the world.

96 countries
1778 organizations
<table>
<thead>
<tr>
<th>City Scale</th>
<th>Code for Ghana</th>
<th>CrowdMap IT</th>
<th>Cultural Routes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information portal that provides citizens and professionals access to data on the different conditions of life</td>
<td>Developer group focused on using open data to promote responsive, innovative, and effective governance</td>
<td>A geocoding start-up that creates visualizations of water, energy, and public health, as well as tracks and digitizes attacks from riot police</td>
<td>App which helps users plan walking and biking routes, linking routes to historical and cultural sites in Moscow</td>
</tr>
<tr>
<td>Sector: Housing, construction &amp; real estate</td>
<td>Sector: Governance</td>
<td>Sector: IT and geospatial</td>
<td>Sector: Arts, culture and tourism</td>
</tr>
<tr>
<td>Impact: Empowers urban citizens with relevant statistics about their city</td>
<td>Impact: Empowers civil society with access and skills to make use of public data</td>
<td>Impact: Rises local and global awareness on issues in Nigeria and opens up local communities to technological innovation</td>
<td>Impact: Reduces time spent browsing tourist information sites</td>
</tr>
<tr>
<td>Data Used: Ukraine’s local crime data, environment data (pollution, healthcare data, hospital facilities), transportation (public transport stop, schedules, and routes)</td>
<td>Data Used: Election data from the Electoral Commission of Ghana, education data from the Ministry of Education, and demographic statistics from Ghana Statistical Service</td>
<td>Data Used: Geospatial, water and sanitation from Nigeria’s open data portal</td>
<td>Data Used: Bicycle parking, museums, and city taxi parking datasets from the Department of Information Technology of the Government of Moscow</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DATA Uruguay</th>
<th>DataMeet</th>
<th>Datos El Salvador</th>
<th>De Olho nas Metas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonprofit seeking to support open civic data to strengthen communities and social activism</td>
<td>A community group for data science and open data professionals in India</td>
<td>An open data portal developed by civil society</td>
<td>Platform for monitoring the progress of municipal projects in São Paulo, Brazil</td>
</tr>
<tr>
<td>Sector: IT and geospatial</td>
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<td>Sector: Governance</td>
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</tr>
<tr>
<td>Impact: Increases citizen access to open government health data through interactive visualizations</td>
<td>Impact: Promotes the use of open data in India</td>
<td>Impact: Provides access to public data in an open format</td>
<td>Impact: Helps civil society monitor municipal projects in their community</td>
</tr>
</tbody>
</table>

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<tr>
<th>District Metrics</th>
<th>Economics Association of Zambia</th>
<th>Eduweb</th>
<th>Ennovent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online service displaying household consumers in India at a disaggregated level</td>
<td>Undertaking research, training, education, and consultancy in the field of economics and related disciplines</td>
<td>Centralized portal of open education data (schools, colleges and universities) in Kenya</td>
<td>An company providing services to accelerate for-profit innovations for sustainability in low-income markets</td>
</tr>
<tr>
<td>Sector: IT and geospatial</td>
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<td>Sector: Education</td>
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</tr>
<tr>
<td>Impact: Provides real-time data on household consumers in India for decision-making</td>
<td>Impact: Supports research, training, education, and consultancy</td>
<td>Impact: Provides centralized access to educational data</td>
<td>Impact: Accelerates for-profit innovations for sustainability in low-income markets</td>
</tr>
<tr>
<td>Data Used: None specified</td>
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</table>
Open Data Roundtables
United States
Sierra Leone
Kazakhstan
New Zealand
Recommendations for Demand-Driven Open Data

✓ Create data inventories
  • Data providers across government + external stakeholders need to know what data already exists

✓ Map data users
  • Identify key stakeholders from each sector

✓ Develop engagement strategy
  • Create strategy to gather input and feedback on data needs and data sharing
  • Utilize existing channels to engage with stakeholders on an ongoing basis

✓ Identify High Value Data
  • Convene stakeholders to assess data gaps and determine priority datasets

✓ Build iterative cycles for feedback
  • Check in with data users and key stakeholders throughout the process and adjust data strategy as needed
Supporting government reporting on the Sustainable Development Goals for data-driven policymaking
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