

HRM Open Data Update

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Agenda

- GIS Data Dissemination Policy
- What is Open Data?
- why Open Data in HRM?
- HRM Open Data approach
- Update on the current status
- Next steps
- Open Data Examples



HRM GIS Data Dissemination Policy (GDDP)

- Adopted in June 2006
- Covers all geographic data stored in GIS only
- Limited data distribution to defined groups
 - Internal HRM business units
 - External agencies working in partnership with HRM
 - Other government agencies, not-for-profit and charitable organizations
 - Privately owned companies for limited, non-commercial purposes
- Fee-based, not free

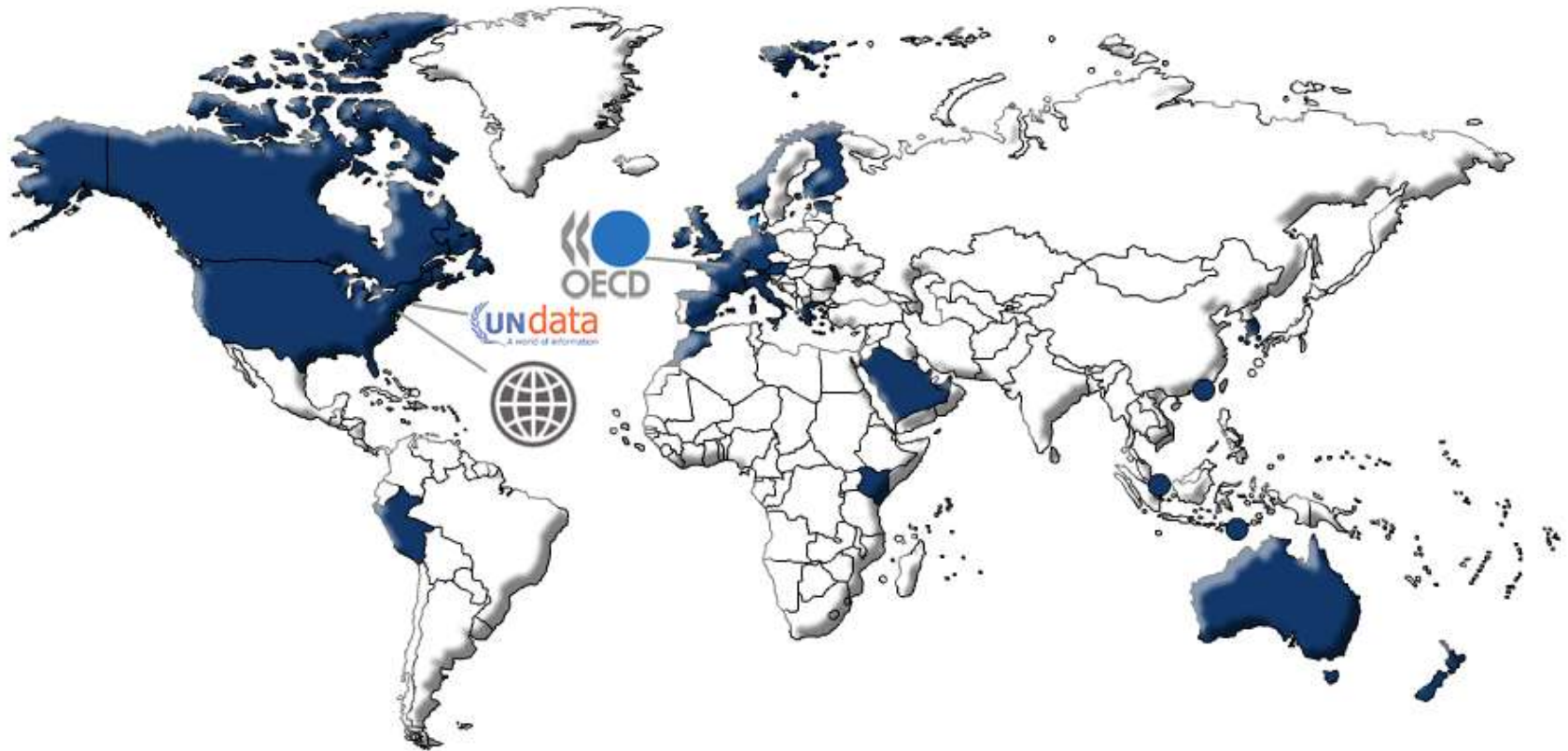


What is Open Data?

Open data is a philosophy and practice requiring that certain data are made available to the public, without restrictions from copyright, patents or other mechanisms of control, for free and in a machine readable format.



International Open Data Movement





Why Open Data in HRM?

- The existing GDDP limits access to public sector information
- The current public sharing process is costly and inefficient – no corporate consistency
- Philosophical change – international movement
- Local HRM community expectations - Council
- Open Data as a Driver of Economic Growth
- Open Data in support of Increased Transparency & Citizen Engagement



HRM Open Data Approach

- Open Data Council Report - Seek Council's endorsement
 - Approved in Sept 2012
- Initiate Open Data Pilot (Q4 12/13)
- Hold Open Data Application Contest (Q2-Q3 13/14)
- Gather and analyze Open Data usage, cost, benefit and impact (Ongoing)
- Recommendations to Council on further adoption of Open Data Policies (Q4 13/14)
- Open Data Program (2014 and beyond)



Open Data Council Report

- Prepared by ICT Staff
- Approved by City Council on September 25th, 2012
- Recommendations
 - Adopt the Open Data concept
 - Conduct the Open Data pilot
 - Amend the GIS Data Dissemination Policy
 - Hold an Open Data Application contest
- Budget approx. \$25,000



Open Data Pilot

- 12 month pilot, Mar 2013 – Feb 2014
- 15 datasets identified, all but one are from GIS
- Define Terms of use
- Establish Open Data Catalogue
 - Cloud-based portal and hosting solution
 - Open Data API - open, standards-based, RESTful application programming interface
 - Interactive online mapping and ESRI compatibility
- Metrics to track usage, dataset popularity, search activity
- In support of the Open Data application contest



Open Data Application Contest

- Contest to run from June – Sept (or Dec?), 2013
- Leverage the datasets published in Open Data pilot
- Raise public awareness on Open Data
- Encourage public to develop applications that will benefit the community and local economy
- Diverse Judging Panel (details to be confirmed)
- Prizes, focusing on recognition and publicity
- Rules and Terms



What are we doing now?

- Open Data pilot is projectized
- Procuring the Open Data solution
- Defining business processes and SLAs
- Engaging public
 - Government agencies
 - Universities
 - Media
 - Local development community
 - Open Government activists
- In the interim, providing opened datasets on ad-hoc basis



Next Steps

- Open Data Site Launch (Q4, 12/13)
- Open Data Application Contest (Q2-Q3, 13/14)
- What's after the Open Data pilot?
 - Open Data Governance (2014)
 - Open Data Policy (2014)
 - Open Data Program (2014)
 - Open Government (?)



Open Data Examples

Edmonton (270 datasets available)

- Election results for municipal and school board positions
- Trees – Species (list of all city owned trees and their details)
- Mosquitoes Trap Data (total trap counts for female mosquitoes in various locations)
- Intersection Collision Summary
- Jasper Avenue Night Life Survey
- Rainfall Gauge Results (significant rainfall measurements by location)
- Animal Breeds by Forward Sortation Area



Open Data Examples

London, UK (560 datasets available)

- Alcohol Related Indicators, Borough (related to hospital admissions)
- Teenage Conceptions, Borough
- Mayor's Office Gifts and Hospitality Register (gifts or hospitalities worth 25 Pounds or more in connection to their official duties)
- Empty Homes
- Stone Throwing Incidents Recorded by British Transport Police
- Children's Tooth Decay (mean number of teeth, missing decayed or filled in 5 year-olds)
- Public Toilets
- GLA Senior Staff Salaries



Open Data Examples

Barcelona (424 datasets available)

- Cars Age (age of cars in Barcelona Vehicle Registry)
- Engine of the Motorbikes (cylinder capacity of motorbikes in BVR)
- Establishments Selling Fireworks
- Female Population Living Alone, by Age
- Fiscal Power of the Cars (Tax horsepower of cars registered in BVR)
- Measures to Encourage and Ensure Coexistence Among Citizens in Public Spaces in Barcelona
- Policy on Supplying Bakeries
- Special Plan for Commercial Establishments Selling Souvenirs in the City of Barcelona