

Open Data Sector Initiatives - Scope Summary

Establish the Caribbean School of Data

Open Data Sector Studies - Strategic Initiatives										
TITLE	Establish the Caribbean School of Data									
SECTOR RELEVANCE	Agriculture	X	Tourism	X	Education	X	Fisheries/MPAs	X	National Statistics	X
DESCRIPTION	<p>Building sustainable open data infrastructures and enabling the effective use of Open Data in the Caribbean, requires organizations from all sectors (public, private, media, civil society) to invest in staff and community capacity across the whole open data value-chain, including skills for: supplying open data; using open data; and understanding, analyzing, and mobilizing data to create change. Similar and complementary skill-sets are required across the rapidly expanding data ecosystem, including Big data, private data, and crowd-sourced data.</p> <p>This Strategic initiative will pursue a range of activities including:</p> <ol style="list-style-type: none"> 1. Adopt/adapt the International School of Data model to establish a distinctive hybrid "Caribbean School of Data", hosted at the Mona School of Business & Management, UWI and affiliate institutions in other countries across the Caribbean (beginning with St. Lucia, Cuba and Guyana) 2. Incorporate a range of Data literacy programs targeting Private Sector enterprise, that includes Data management, data integration and big data analytics offerings 3. Adopt a virtual incubation model to encourage and facilitate Data-driven entrepreneurial startups 4. Develop a sustainable Data Journalism fellowship program and community for Journalists 5. Build a Caribbean data competency map to identify and make searchable & accessible, individual and institutional clusters of skills, knowledge and capabilities in the region 6. Identify opportunities to progressively integrate data competency into the formal educational curriculum of schools, colleges & universities 									
IMPACT CATEGORIES	1. Improving Government		2. Empowering Citizens	X	3. Creating Opportunity	X	4. Solving Public Problems	X		
EXPECTED IMPACT	In general, building data literacy capacity will increase the impact of the various open data initiatives across sectors. The emphasis of this initiative will be on sustainability by establishing regional institutions that can propagate data literacy programs. Targeting various segments/groups including media, academia, CSOs and other marginalized groups will help to enhance informed decision making, social mobilization and innovation in public service delivery.									
KEY ENABLERS <i>significant variables that positively determine impact</i>	Partnerships	X	Public Infrastructure	X	Policies And Performance Metrics	X	Problem Definition	X		
Partnerships	<p>The Caribbean School of Data will establish affiliate partnerships with Open Knowledge / International School of Data, and Open Data Institute through their learning node program. Key regional partners will include:</p> <ul style="list-style-type: none"> - Caribbean Open Institute - Mona School of Business & Management, UWI - Universidad de las Ciencias Informáticas - University of Guyana - Panos Caribbean <p>The initiative will also partner with the World Bank and the Govs of Jamaica & St.Lucia in their capacity building activities following on from the recently completed ODRAs.</p>									

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Public Infrastructure	The effectiveness of the Caribbean School of Data will be enhanced by progressive and ongoing efforts by Governments in the Caribbean to publish open data portals. CSOD will consolidate and adopt an open access policy to educational content to make this readily available and accessible online							
Policies And Performance Metrics	CSOD will establish performance monitoring and dashboard mechanisms to measure the progressive development and effectiveness of Open Data initiatives and resources across the Caribbean							
Problem Definition	<p>The Caribbean region is generally regarded as “data poor,” not just because of limited access to high quality, locally relevant data, but also cultural and institutional habits and capacity limitations (both in the public and private sectors) often forego the use of data, and other forms of evidence, for policy and decision making. There is general Civil Society and Media apathy towards demanding access to, and use of open data for more critical investigation and analysis.</p> <p>A comprehensive and sustainable "data literacy" program will seek to develop greater awareness, attitudes, competencies and capacity to build a stronger data culture across the Caribbean.</p>							
CORE CHALLENGES <i>significant variables that adversely affect impact</i>	Readiness	X	Responsiveness	X	Risks	X	Resource Allocation	X
Readiness	The open government data portals currently being established by Governments of Jamaica, St.Lucia among others, will help to provide impetus to this initiative. Active efforts around awareness and incentive-building will be required to overcome latent apathy towards open data in media and other segments of civil society.							
Responsiveness	The various sector initiatives being undertaken by the COI will help to increase awareness and evidence of the potential impact of open data, and amplify the relevance and value of this capacity building program							
Risks	The recent experience with Data Journalism training in the Caribbean reinforces the notion that training and skill-building without relevant context (demand / use) can result in less than meaningful outcomes. The CSOD program will be integrated with other ongoing open data initiatives to ensure relevance and sustainable application opportunities.							
Resource Allocation	The CSOD will adopt an integrated business model that augments social enterprise capacity building programs with commercial training and consulting capacity for business enterprise.							
CORE ACTIVITIES	Design & Administer Survey	X	Capacity building (training/workshops)	X	Hackathon	X	Software Development	X
PRIMARY ACTIVITIES	<ol style="list-style-type: none"> 1. Evaluation of previous data literacy initiatives through participant surveys 2. Adopt "School of Data" business model and fellowship program to develop regional fellows/change agents 3. Conduct series of targeted workshops and data bootcamps 4. Develop portfolio of D/S training programs and delivery through virtual platforms 5. Establish CSOD affiliate model and programs with target institutions 6. Undertake efforts to develop active CSOD communities and common interest groups 							

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KEY DATA SOURCES	New Government open data portals in the Caribbean, including: Jamaica, St.Lucia, DomRep, T&T														
KEY STAKEHOLDERS	Formalize International partnerships with "School of Data" and "Open Data Institute" Partnerships with local/regional institutions to establish local country "presence" - University of Guyana, UCI, (in St.Lucia?) Panos Caribbean to facilitate regional media / journalist relationships & community														
RESOURCE REQUIREMENTS	Support participate in the upcoming International School of Data Fellowship program Program/content development supported by international partnerships Regional workshops to propogate the CSOD model and establish country affiliates Develop an effective CSDO web presence and mentorship network														
SCALABILITY	The CSOD will adopt a virtual model and replicate local presence through affiliated entities in Universities, NGOs and schools across the Caribbean														
PRIVATE SECTOR ENGAGEMENT	The CSOD hybrid model will Incorporate a range of Data literacy programs targeting Private Sector enterprise, that includes data management, data integration and big data analytics offerings														
RELATED INITIATIVES	Integrate with, and provide capacity building support for companion COI sector initiatives Interface with the Data Journalism workshops being planned by the World Bank as part of post-ODRA initiatives: - UNDP is offering a media training on investigative journalism from Feb. 29-March 2, 2016 in Jamaica														
RELEVANT THEORIES OF CHANGE	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Intermediaries will play a significant role both as catalysts and enablers</td> <td style="text-align: center; width: 50px;">X</td> </tr> <tr> <td style="padding: 2px;">Greater impetus and resonance will derive from increased efficiency / innovation ahead of transparency/accountability</td> <td></td> </tr> <tr> <td style="padding: 2px;">Innovation fellowships provide an important mechanism for collaborative government-civil society co-creation in key developmenta</td> <td></td> </tr> <tr> <td style="padding: 2px;">The value sustainability of the open data initiatives in the region will rely on a vibrant Caribbean open data ecosystem of acto</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="padding: 2px;">Governments role will require active participation on supply and demand sides of the Caribbean open data ecosystem</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="padding: 2px;">Multi-sector approaches will drive the greatest economic returns on open data</td> <td style="text-align: center;">X</td> </tr> <tr> <td style="padding: 2px;">Scale limits and resource deficits will require common resources and shared use i.e. the Caribbean Digital Commons</td> <td style="text-align: center;">X</td> </tr> </table>	Intermediaries will play a significant role both as catalysts and enablers	X	Greater impetus and resonance will derive from increased efficiency / innovation ahead of transparency/accountability		Innovation fellowships provide an important mechanism for collaborative government-civil society co-creation in key developmenta		The value sustainability of the open data initiatives in the region will rely on a vibrant Caribbean open data ecosystem of acto	X	Governments role will require active participation on supply and demand sides of the Caribbean open data ecosystem	X	Multi-sector approaches will drive the greatest economic returns on open data	X	Scale limits and resource deficits will require common resources and shared use i.e. the Caribbean Digital Commons	X
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SUPPORTING DOCUMENT															