

INNOVATORS FOR PEACE & JUSTICE

Leveraging the Data Revolution for Peace and Justice

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COMPLEX SOCIETAL CHALLENGES

Learning Objectives

Lecture 1 : Complex Societal Challenges

- *Differentiate between simple from complex and/or wicked challenges;*
- *Identify and analyse a complex societal challenge;*
- *Recognise how to confront complex societal challenges.*

(BIG) DATA, BIG PROMISE

Learning Objectives

Lecture 2 : (Big) Data, Big Promise

- *Appraise the concept of (Big) Data and identify its components;*
- *Assess the challenges in applying new types of data for confronting complex societal challenges within the domain of peace and justice;*
- *Recognise and explain the potential of the data revolution for peace and justice.*

DATA-DRIVEN INNOVATION

Learning Objectives

Lecture 3 : Data-Driven Innovation

- *Appraise the concept of data-driven innovation and indicate its potential for peace & justice (incl. sustainable development and humanitarian action);*
- *Demonstrate the potential for data-driven innovation in confronting complex societal challenges.*

DATA-DRIVEN INNOVATION FOR NGOs

Defining Data-Driven Innovation



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SYSTEMATIC LITERATURE REVIEW

“Data-Driven Innovation is about finding new ways to use data and analytics to inform decision making, improve organisational processes and create new methodologies for solving (global) challenges.”

SEMI-STRUCTURED INTERVIEWS

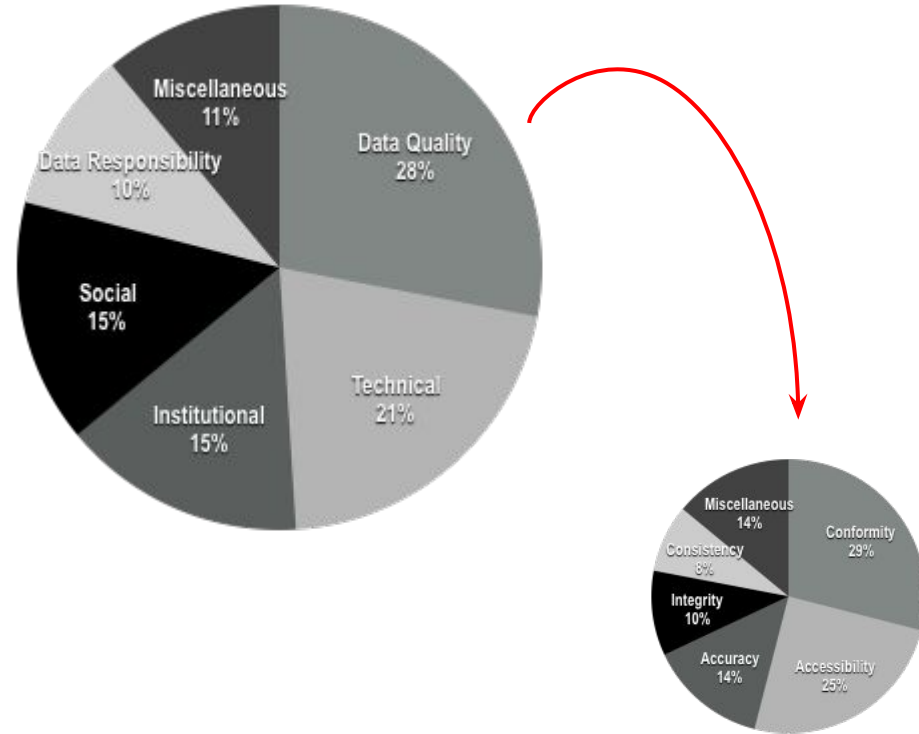
additional aspects :

- (1) service provision*
- (2) organisational change*
- (3) data governance*



DATA-DRIVEN INNOVATION FOR NGOs

Challenges for NGO's



DATA-DRIVEN INNOVATION FOR NGO'S

Preliminary Conclusions

(1) Data-Driven Innovation is conducted across various sectors of industry;

(2) NGOs are still at an entry level and indicate that they face diverse and fundamental challenges in implementing data-driven innovation - in particular reference to limited capacity, resources and knowledge;

(3) Cross-collaboration and learning from other sectors (i.e. information technology, education and service) could be beneficial to improve data for achieving and monitoring sustainable development.

BARRIERS OF INNOVATION

From ideas to action



MAKING A START

From ideas to action

- (1) *Experimentation*
- (2) *Adaptation*
- (3) *Partnerships*
- (4) *Service providers*

EXPERIMENTATION



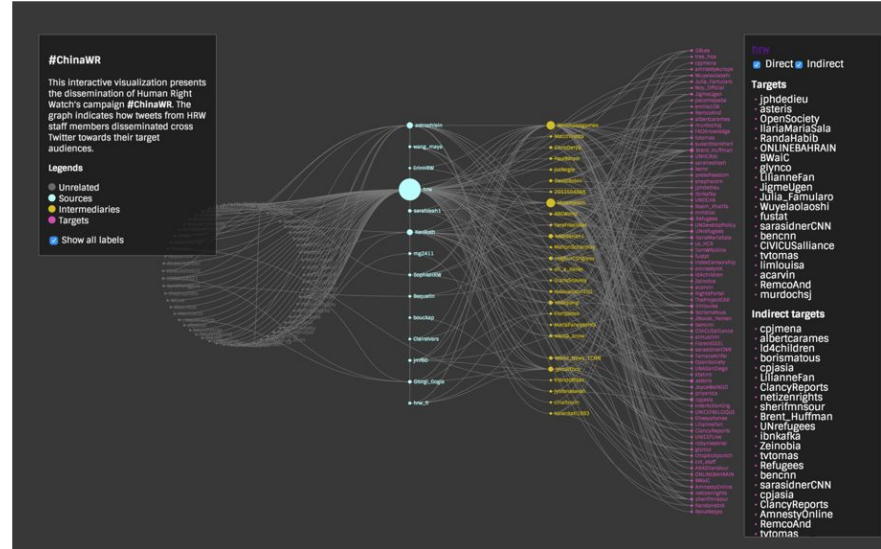
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IMPACT TRACKER

Human Rights Watch



THE BIGGER PICTURE

*World Press Photo Foundation;
Ministry of Foreign Affairs (NL)*

<http://thebiggerpicture.online>



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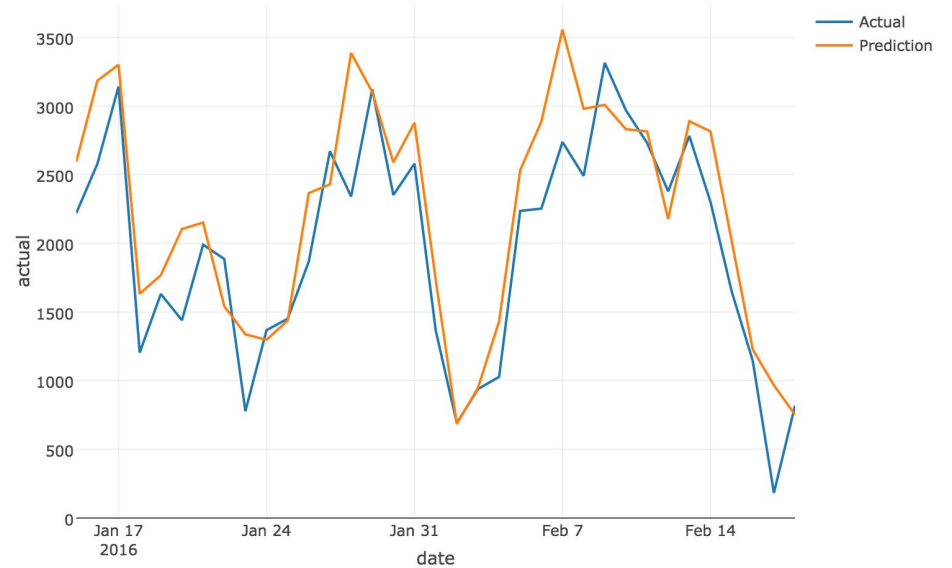
WORLD PRESS PHOTO



Ministry of Foreign Affairs of the
Netherlands

REFUGEE PREDICTION

British Red Cross



ADAPTATION



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TRACKING DIGITAL FOOTPRINTS

World Food Programme

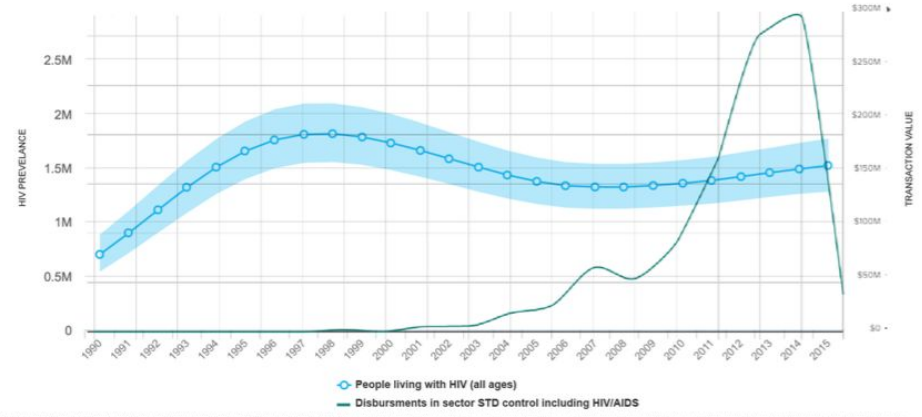


ZOOM

Aids Fonds

(Formulate your question)

What is the interrelation between HIV prevalence (UN Aids) and international funding for HIV-related projects (IATI) in Kenya?



<p>Step 1.1: Select Data Source</p> <p>UN AIDS</p>	<p>Step 2.1: Select Data Source</p> <p>IATI (All)</p>
<p>Step 1.2: Select Indicator</p> <p>HIV Prevalence</p>	<p>Step 2.2: Select Indicator</p> <p>Disbursements</p>
<p>Step 1.3: Define Axes</p> <p>x Time</p> <p>y Prevalence</p>	<p>Step 2.3: Define Axes</p> <p>x Time</p> <p>y Transaction Value</p>
<p>Step 1.4: Select Filter (variable)</p> <p>Select variable</p>	<p>Step 2.4: Select Filter (variable)</p> <p>Select variable</p>

HUMANITARIAN DATA CENTER

UN OCHA



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Stephen O'Brien ✓
@UNReliefChief



 **Volgen**

Ecstatic to be launching the Humanitarian Data Center in The Netherlands with Minister [#Ploumen](#)

 Vertaling bekijken



RETWEETS
50

VIND-IK-LEUKS
55



06:36 - 23 mei 2016



The background of the slide features a vibrant sunset sky with orange and yellow hues. Two people are silhouetted against this sky, jumping and high-fiving each other. The word "PARTNERSHIPS" is overlaid in large, white, bold, sans-serif capital letters across the center of the image.

PARTNERSHIPS



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TECHNOLOGY ADVISORY BOARD

International Criminal Court



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INTERNATIONAL DATA RESPONSIBILITY GROUP

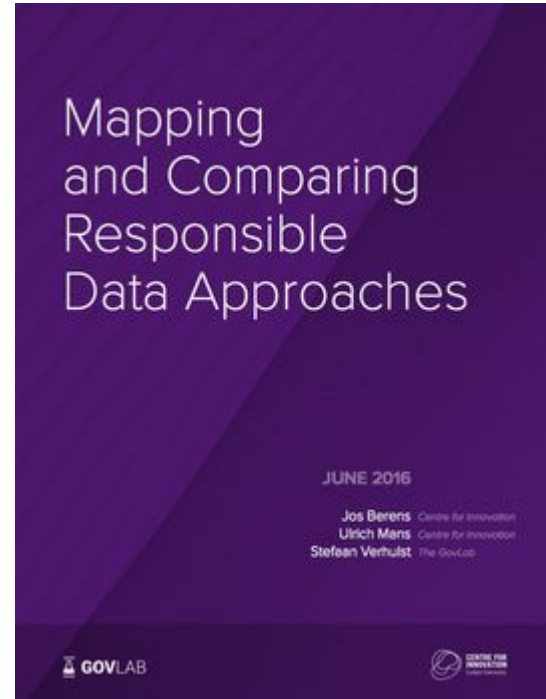
Data-Pop Alliance, Data&Society,

Leiden University, NYU's GovLab,

UN Global Pulse.



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DUTCH COALITION FOR HUMANITARIAN INNOVATION

Global Partnership



DUTCH COALITION FOR
HUMANITARIAN INNOVATION



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GLOBAL ALLIANCE FOR HUMANITARIAN INNOVATION

Global Partnership



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SERVICE PROVIDERS



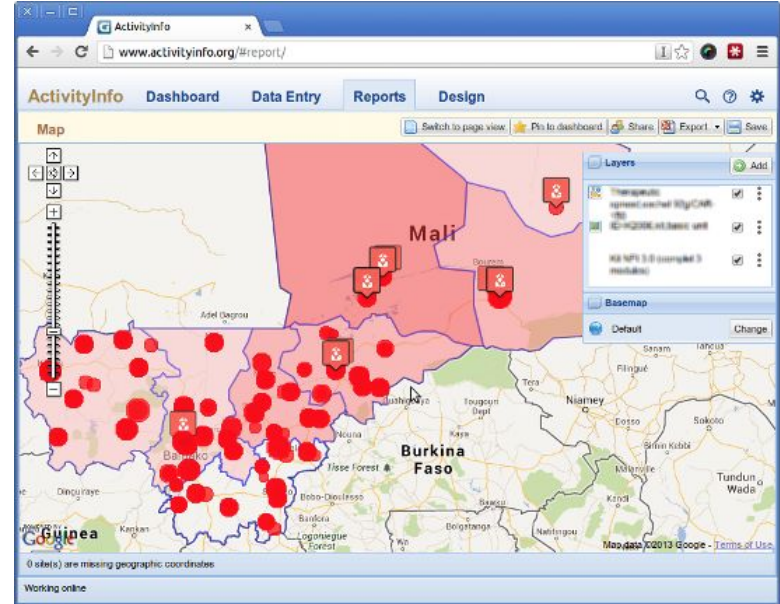
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ActivityInfo

Internal Project Data



ELVA

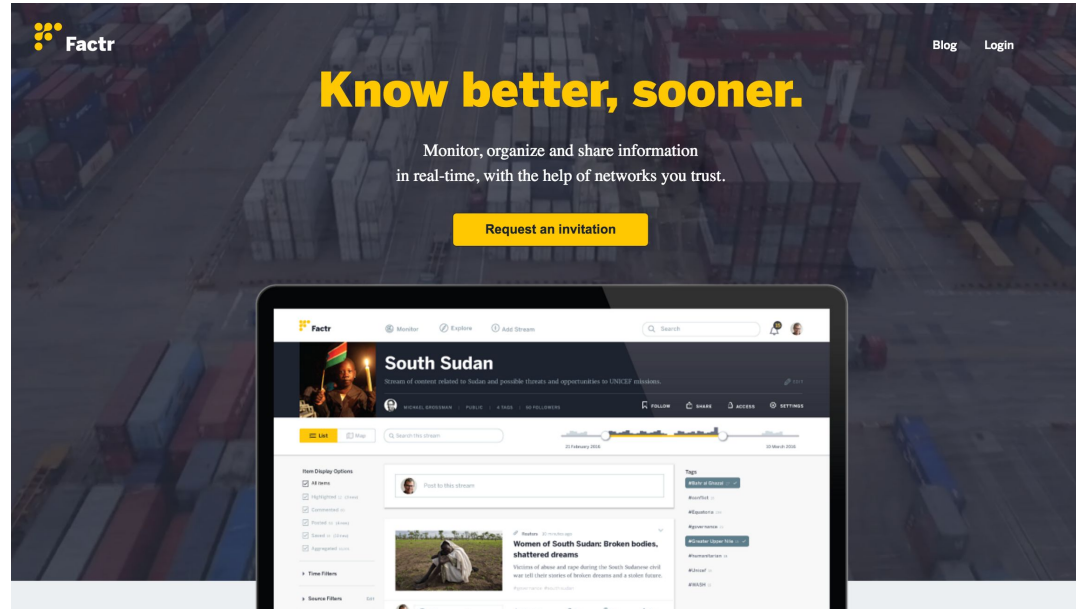
Citizen Reporting



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FACTR

Open Web Data



The screenshot displays the Factr web application interface. At the top left is the Factr logo, and at the top right are links for 'Blog' and 'Login'. The main heading reads 'Know better, sooner.' in large yellow text, followed by the tagline 'Monitor, organize and share information in real-time, with the help of networks you trust.' Below this is a yellow button labeled 'Request an invitation'. The central part of the image shows a tablet displaying the Factr news stream for 'South Sudan'. The stream includes a search bar, a list of news items with filters, and a featured article titled 'Women of South Sudan: Broken bodies, shattered dreams' with a photo of a woman sitting on the ground.

INNOVATORS FOR PEACE & JUSTICE

Potential and Challenges

INNOVATORS FOR PEACE & JUSTICE

- (1) *How could data be leveraged by actors for peace & justice (incl. sustainable development and humanitarian action)?*
- (2) *What are the largest challenges in implementing data-driven innovations within this sector?*