NA-USIP Roundtable:

Workshop on Using Data Sharing to Improve Coordination in Peacebuilding

May 23, 2012





United States Institute of Peace

NA-USIP Roundtable: Workshop on Using Data Sharing to Improve Coordination in Peacebuilding

Defining the Challenges of Coordination





United States Institute of Peace

National Academies



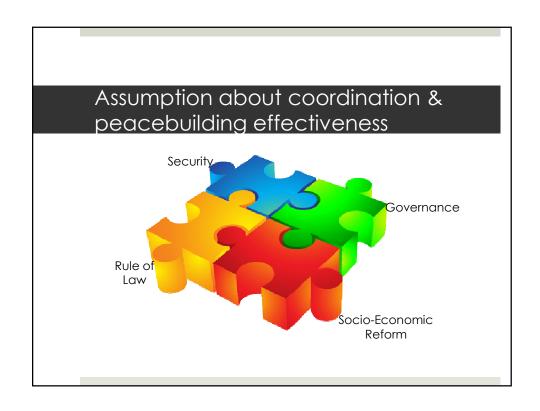
Susanna Campbell

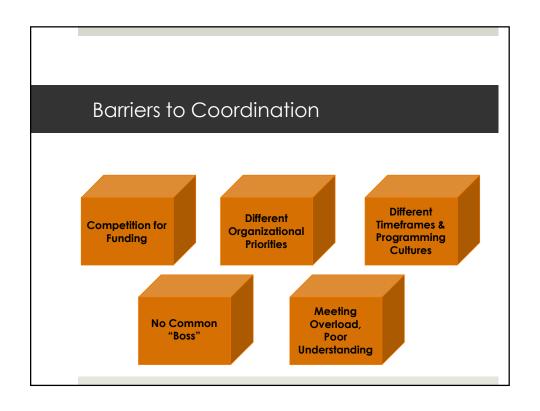
Columbia University

susanna.campbell@gmail.com

May 23, 2012

Coordination aims to Prevent Enable Joint Action Minimal Enable Complementary Action Maximal





BUT, Coordination ≠ Effective Peacebuilding

Coordination is a Tool, Not the End Goal

Effectiveness?

Focus of Coordination

Who is involved

What actions result

Coordination's Contribution to Ineffective Peacebuilding

Decrease Flexibility and Capacity to Adapt Strategy and Approach

Focus Attention on other International Actors, Not Impact

Promote Assumption of Correct Puzzle Pieces – Strategic Level

Encourage Uninformed Decisions – No Data on Outcomes

Coordination's Contribution to Effective Peacebuilding

Focus on Bottom-up, Problem-driven Peacebuilding

Serve as Forum for Stakeholder Dialogue

Break Down Cultural Barriers Between Organizations

Focus on Problem-Solving, not Long-term Planning

Role of Data Sharing in Coordination for Effective Peacebuilding

- Prevent duplication by visualizing data
- Increase participation of stakeholders who are not traditionally included
- Increase informed discussions by providing data about outcomes
- Increase opportunities for interagency collaboration, if real-time data sharing is allowed
- BUT, value of data sharing depends on available data, how data is understood, actions taken on data

NA-USIP Roundtable:

Workshop on Using Data Sharing to Improve Coordination in Peacebuilding

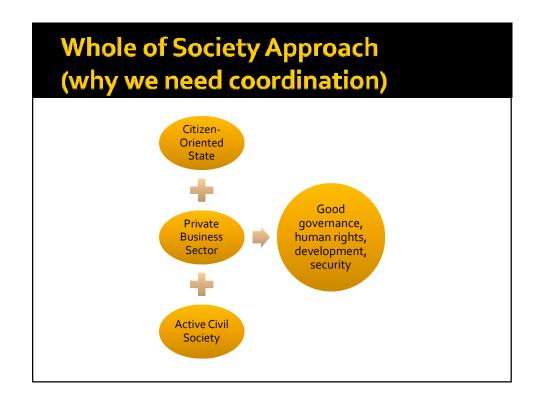


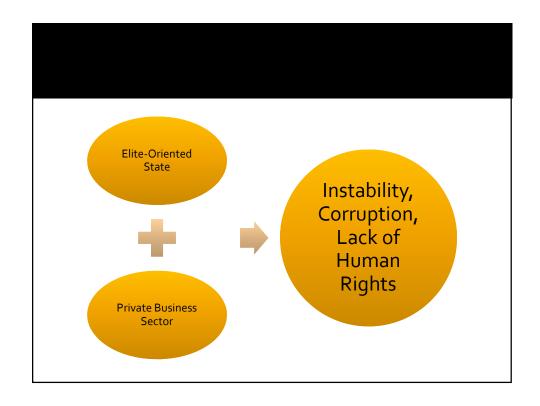
United States Institute of Peace

National Academies

Technical, Ethical and Cultural Challenges of Coordination and Data Sharing between Civil Society and Government/Military

Dr. Lisa Schirch 3P Human Security and the Alliance for Peacebuilding





What is civil society?

- NGOs... but also universities, religious organizations, media, professional associations, traditional/tribal organizations, and other social groups that aim to improve the quality of life.
- They are public servants and often they have just as many credentials and take just as many risks as people in the military.

What does civil society do?

- Complements and supplements government
- Holds government to account so that it is citizen-oriented and not just elite-oriented

Military Perceptions of NGOs

- "NGOs clog up my battle space, they are in the way"
- "NGOs are "two-faced" and will only call when they need rescuing"
- "If they don't want to be seen with us in uniform, they are cowards who don't have the courage to show who their friends are. I consider them part of the enemy because of it."

Civil Society Approach to DDR







Community Representatives Local Civil Society Organization

Police Representatives

The most dangerous road in Kabul...

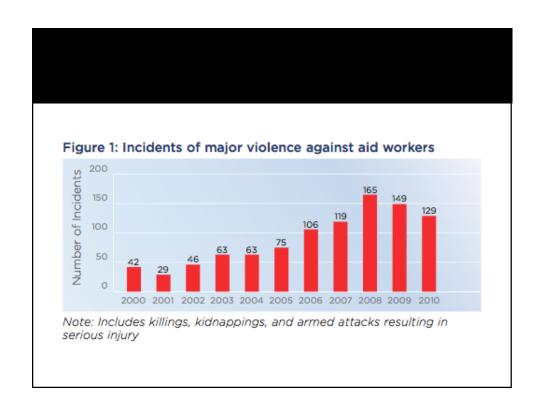


Civil society become the "soft targets" for insurgents if we are seen as cooperating on political goals.



The British Cemetery in Kabul holds the bodies of some of my 10 colleagues who were killed by insurgents in August 2010 while they were setting up medical clinics in Badakshan Province.

ANSO (Afghanistan NGO Safety Office) tracks violence against NGO workers. www.afgnso org



Different Missions

National Human Security Security

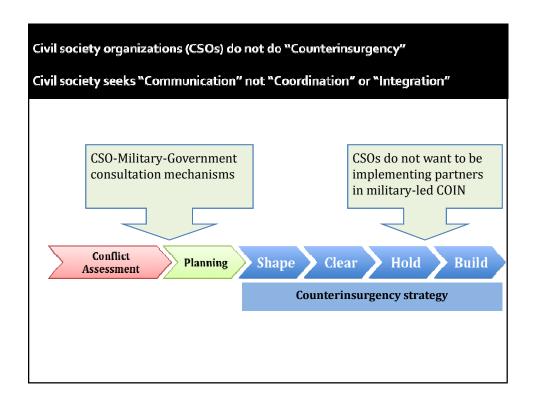
National security and Human Security sometimes overlap.

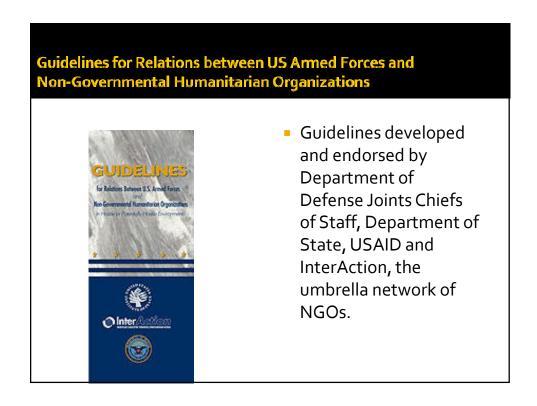
Sometimes they conflict, and where they conflict, there is tension between governments, military forces and civil society organizations.

Contrasting military and civil society approaches to humanitarian assistance and development

- Address Drivers of Instability
- Gain Access/Information to local populations
- Increase Legitimacy and win the loyalty of local populations or local elites
- Force Protection/Undermine Insurgent Recruitment to reduce their incentive to attack military forces
- Humanitarian Access in insecure areas where the UN and NGOs are not able, as per Geneva Conventions

- Humanitarian imperative: to save lives, alleviate suffering, and uphold dignity
- Independence: to make decisions free from other's political goals or ideologies
- Impartiality: to provide resources regardless of the identity of those suffering
- Impartiality: to provide resources regardless of the identity of those suffering
- Partial to Human Rights: to work in support of the human rights of all people
- Do No Harm: to avoid harming others intentionally or unintentionally





Examples of the Guidelines

- Visits by U.S. Armed Forces personnel to NGHO sites should be by prior arrangements
- U.S. Armed Forces should give NGHOs the option of meeting with U.S. Armed Forces personnel outside military installations for information exchanges.
- U.S. Armed Forces should not describe NGHOs as "force multipliers" or "partners" of the military...

Protection of Civilians

- Visual Distinctions: Vehicles and Clothing should distinguish NGOs from military
- Communicating with Civil Society
 Organizations: Email or call before trying to contact groups in person, as it might endanger them
- Avoid "Partner" Terminology

Civil-Military Dialogue



Curtail Presence	Where it becomes impossible for CSOs to operate safely, international CSOs may pull out and local CSOs may go into hiding.
Co-existence/ Communication	Where CSOs, government and military operate in the same space but their missions do not align, only basic communication on logistical details takes place.
Coordination	Where CSOs, government and military missions partially align, there may be some basic coordination to promote CSO core values in human security.
Cooperation	Where CSOs, government and military missions partially or fully align, there may be collaboration on joint projects, particularly in disaster relief or DDR.

Toward Whole of Society

- □Collaboration requires shared assessment of the root causes of the problem at hand, a shared understanding of how to address the problem with shared planning, and a shared set of guidelines on how civil society and military forces will communicate with each other.
- □ Due to current lack of consultation, different understandings of drivers of conflict, and concerns for security, most CSOs do not want to collaborate on the ground.
- ☐ Many groups will communicate and share ideas and advocate for more consultation



NA-USIP Roundtable:

Workshop on Using Data Sharing to Improve Coordination in Peacebuilding

Overcoming the Challenges to Sharing Information





United States Institute of Peace

National Academies

Developing civilian-military guidelines for sharing project information

Marcia Byrom Hartwell DPhil (PhD)
Visiting Scholar
mhartwell@usip.org

Key issues in information management and governance

- Use of project information
- Understanding potential project sensitivities
- Managing Expectations

Use of project information

- Define access to information open and/or controlled
- Define each organization's internal use of unclassified information

Understanding potential project sensitivities

- Establish guidelines for a vetting system that identifies and monitors potentially sensitive information
- Provide on-line conflict awareness training for all data providers and users of project data

Managing Expectations

- Set short term and long term goals for information sharing and building sustainable information sharing networks
- Set realistic goals for short and long term results that reflects similarities and differences in civilian-military timelines, capacities, missions

Looking toward the future

Establish an ongoing civilian-military working group that:

- Views data sharing as a long term process of building trust between civilian-military organizations
- Assists in defining and negotiating virtual and real space during interventions
- Clarifies how this information could contribute to decision making in future civilian-military interventions

NA-USIP Roundtable:

Workshop on Using Data Sharing to Improve Coordination in Peacebuilding

Using Data for Impact





United States Institute of Peace



Developing Information Value Frames: Improved Coordination in Peacebuilding

Stephen Lowe Geospatial Information Officer Office of the Chief Information Officer **US Department of Agriculture** 23 May 2012



Contrasting Information Requirements

- Locating and sharing good answers vs. formulating good questions
- · Data precision vs. acquisition speed
- · Learning rules vs. unlearning structures
- Sustaining a linear interpretation model vs. cultivating discovery
- Idea collection and specialist maintenance vs. idea diffusion and elimination of barriers
- Filling up space vs. creating more empty space



United States Department of Agriculture Stephen Lowe Geospatial Information Officer Office of the Chief Information Officer

41



Resolutions of Intractable Policy Controversies

- **Policy disagreements:** disputes in which the parties to contention are able to resolve the questions at the heart of their disputes by examining the facts of the situation.
- Policy controversies: disputes which are immune to resolution by appeal to facts. Such disputes tend to be intractable.
- By focusing our attention on different facts and by interpreting the same facts in different ways, we have a remarkable ability, when we are embroiled in a controversy, to dismiss the evidence adduced by our antagonists.



United States Department of Agriculture Stephen Lowe Geospatial Information Officer Office of the Chief Information Officer



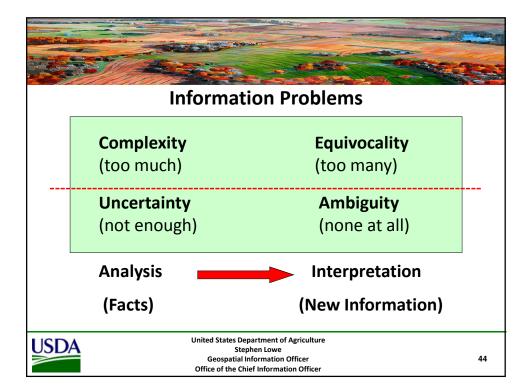
Frame Reflection and Synthesis

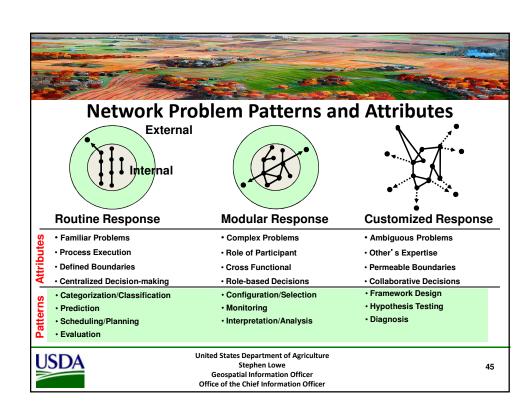
- Frames: structures of belief, perception, and appreciation which underlie policy positions
- Policy controversies: disputes in which the contending parties hold conflicting frames
- Frames do more than simply describe a situation. Frames have *normative implications* imply that a certain type of solution is acceptable.
- Members of the design system should seek agreement on the nature of the problem and the general character and content of a solution.

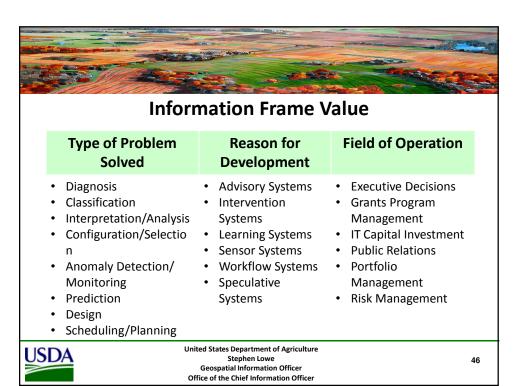


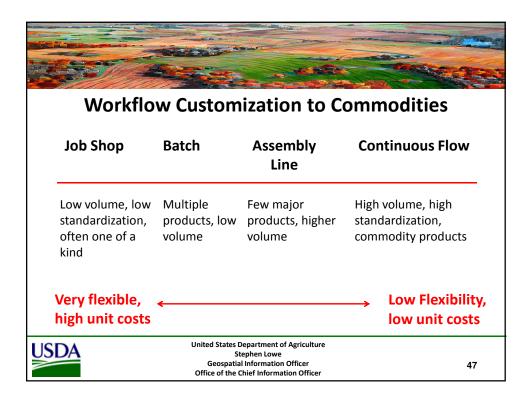
United States Department of Agriculture Stephen Lowe Geospatial Information Officer Office of the Chief Information Officer

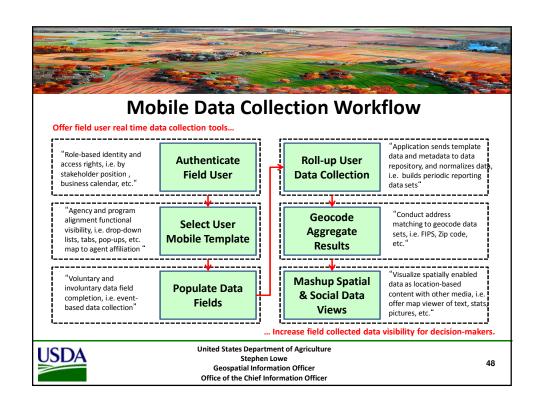
43













Participatory Mapping Value Proposition

Business Drivers:

- Maps exclude "community"
- Limited and complex access to data
- Extensive equity issues
- Striving for 100% precision
- Ambiguous adoption behavior
- Seeing innovation on edge
- · Legacy technology models
- Popular versus remote location data
- Program partitioning/segmentation
- Different social conventions/ideas
- Silos limit diffusion of value

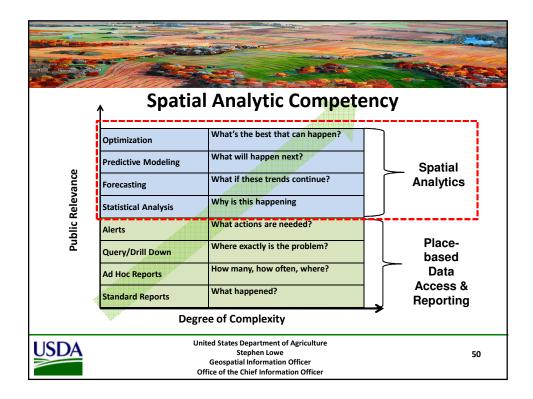
Solutions:

- Enable two-way communication
- Synthesize knowledge where it lives
- Remove technology barriers to participation
- Builds "crowd" maturity
- Compromise speed over accuracy
- Update versus creation
- Respond to dynamic world
- Identify emergent issues/patterns
- Ground conversation in context
- Depicts local knowledge/values



United States Department of Agriculture Stephen Lowe Geospatial Information Officer Office of the Chief Information Officer

49





Point of Contact: Stephen.Lowe@ocio.usda.gov 202-720-0880 office



United States Department of Agriculture Stephen Lowe Geospatial Information Officer Office of the Chief Information Officer

51

NA-USIP Roundtable:

Workshop on Using Data Sharing to Improve Coordination in Peacebuilding





United States Institute of Peace

National Academies



COLLECTING, ANALYZING & DISSEMINATING DATA FOR DEVELOPMENT RESEARCH

NIALL KELEHER

DIRECTOR OF RESEARCH METHODS & TRAINING

NKELEHER@POVERTY-ACTION.ORG

NA-USIP Workshop on Using Data Sharing to Improve Coordination in Peacebuilding
Washington, D.C. – May 2012

Innovations for Poverty Action



A nonprofit dedicated to discovering what works to help the world's poor. We design and evaluate programs in real contexts with real people, and provide hands-on assistance to bring successful programs to scale.

Mission



INNOVATE

new approaches
to alleviating
poverty

EVALUATE

programs to find
out what works
and why

REPLICATE

successful
programs
successful
programs
to donors and
to donors and
implementers

and proven

SCALE
programs that
have been tested
and proven

Operations



- IPA has more than 300 ongoing projects in 48 countries
- IPA Country Offices in 14 countries: Bangladesh, Ghana, Kenya, Liberia, Malawi, Mali, Mexico, Mongolia, Morocco, Peru, Philippines, Sierra Leone, Uganda, Zambia
- JPAL Europe (Paris), Latin America (Santiago),
 South Africa (Cape Town), South Asia (Chennai), US (Cambridge)

Research Design



- Intervention
 - What treatments?
 - □ Theory of Change
- Sample
 - Develop sample frame
 - □ Sample size & Power calculations
- Randomization
 - Data for randomly assigning treatment
 - Unit of randomization?
 - Method of randomization
- Measurement
 - Indicators
 - Consideration for Spillovers
 - Intertemporal dynamics
 - Heterogeneous effects

Survey Methodology Measurement Construct Measurement Representation Target Population Sampling Frame Response Response Survey Statistic Groves et al. (2009) Survey Methodology.

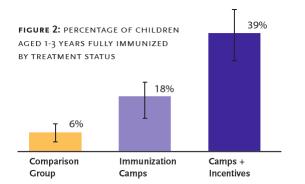
Immunization



30 Immunization camps

30 Immunization campsplus incentives (1kg lentils)74 control villages

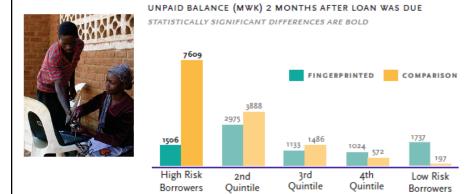
Camps increased single visit for immunization by 80%, but many did not come back for full immunization



Banerjee, Duflo, Glennerster, Kothari (2010). "Improving Immunisation Coverage in Rural India: A Clustered Randomised Controlled Evaluation of Immunisation with and without Incentives."

Fingerprinting & Loan Payment





Gine, Goldberg and Yang (2011) "Credit Market Consequences of Improved Personal Identification: A Field Experiment from Malawi."

Data Collection Methods



- Paper Assisted Interviews
 - □ Allow for more interviewer control
 - □ Lagged data access digitization, cleaning, storage
- Computer Assisted Interviews
 - Up-front programming requirements
 - □ Survey detail will influence the need for complexity
 - Access to data for prompt quality checks
 - Potential for more timely analysis

Implementation Monitoring



- Ensuring that implementation follows the research design
 - Audit of implementation
 - Verification of administrative data
- Providing explanation for the process through which effects are realized
 - Process evaluation
 - Qualitative data collection

Data Access & Standardization



- Promotion of broader research agenda
 - □ Pursuit of data publication (standardized metadata)
 - Allowing for intellectual property for initial analysis
 - Encourage replication of analysis
 - Open data archives for pursuit of broader scientific agenda
- Transparency of implementation
 - Providing better monitoring data
 - Data validation tool

NA-USIP Roundtable:

Workshop on Using Data Sharing to Improve Coordination in Peacebuilding





Workshop on Using Data Sharing to Improve Coordination in Peacebuilding

May 23, 2012



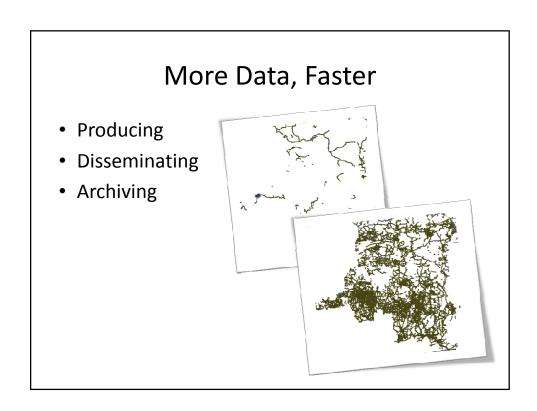
Using Data for Impact

Patrick Vinck
Harvard Humanitarian Initiative
pvinck@hsph.harvard.edu

Data Integration and Visualization







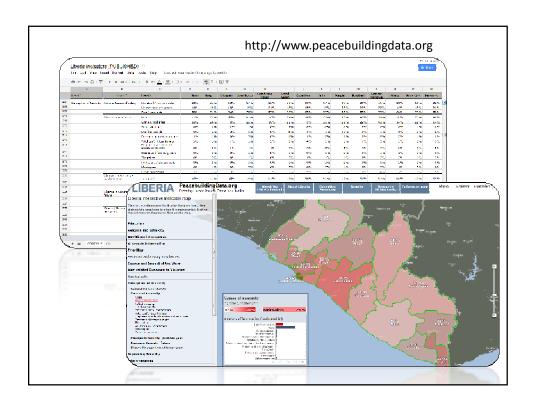
More Data, Faster

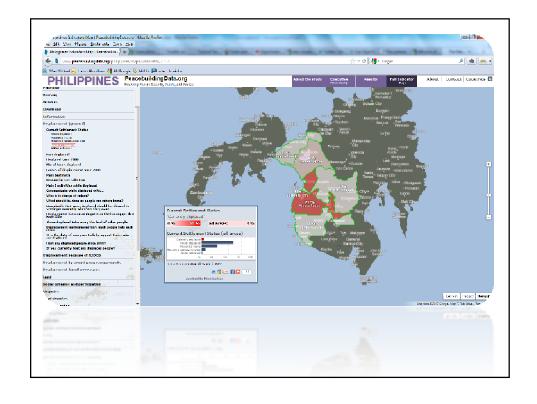
How to understand huge datasets?

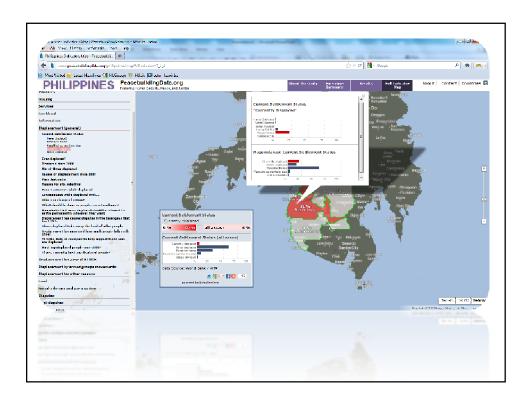
- Aggregate
- Summarize (vs. simplify)
- Graphical form?

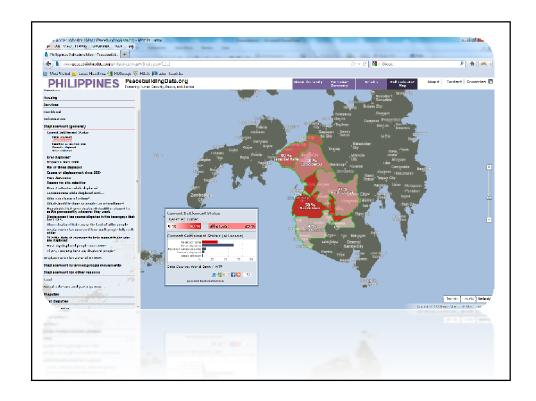












Purpose?

- Explore/Calculate
 - Analyze
- Communicate
 - Explain
 - Make Decisions



Issues

- Sharing / ownership
- Versioning
- Relative advantage
- Ethical guidelines





Adoption

- Relative Advantage
- Compatibility
- Complexity or Simplicity
- Trialability
- Observability



Websites

www.peacebuildingdata.org www.kobotoolbox.org

http://ccaps.aiddata.org/

http://www.lracrisistracker.com/

http://www.satsentinel.org/

Some pictures used in this presentation may be copyrighted and were used without prior permission

NA-USIP Roundtable:

Workshop on Using Data Sharing to Improve Coordination in Peacebuilding

Demonstrating Data Sharing— The UNITY Platform





United States Institute of Peace

National Academie





UNITY

Innovative solutions for a collaborative world

United States Agency for International Development
United States Department of Defense

May 23, 2012

Cooperative Security Joint Capability Technology Demonstration

Background

 CS JCTD is a co-led interagency technology research and development initiative overseen by the Office of the Secretary of Defense, Director of Defense Research and Engineering

Partner Agencies

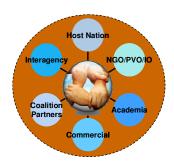
- · U.S. Agency for International Development
- · U.S. Southern Command
- · U.S. European Command
- · US. Army Corps of Engineers











Whole of Government approach to development and defense activities through enhanced interagency and partner nation cooperation

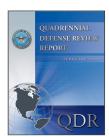
Objective

 Cutting-edge capabilities to lead a better-integrated Whole of Government approach to development and defense cooperative activities with other U.S. agencies and across the public-private divide in support of NSS, QDDR, QDR

Requirements

- · Unclassified collaboration
- · Non- and pre-crisis environments
- · Engage public sector stakeholders





Solutions to real-world interagency coordination and multi-stakeholder collaboration/information management challenges

Problem Set

 Regional stakeholders lack integrated, interagency adaptive planning, decision support and assessment capabilities, information sharing architectures, and organizational structures to conduct effective Cooperative Security (CS) and Building Partner Capacity efforts.

Capabilities

- Regional and multinational nonclassified information sharing
- Mutually visible situation / event assessment and planning
- Collaborative implementation, monitoring, and evaluation
- Reusable / repeatable frameworks



3

UNITY – Providing practical and usable tools to improve coordination of development and defense cooperative activities across geographies

Capabilities

- UNITY connects communities of interest via www.apan.org collaboration forums, facilitating multi-lingual interagency and <u>public-sector</u> interaction
- UNITY juxtaposes steady-state USAID and COCOM country plans to show overlaps and gaps based on the USG foreign assistance framework
 - The system has the potential to analyze USG foreign policy strategies across more than 85 countries
- UNITY ingests authoritative project data, regardless of organization or format to categorize and visualize data based on the USG foreign assistance framework
 - Project data visualization is scalable to include all USG Departments and Agencies that conduct foreign assistance activities; as well as, <u>non-USG organizations</u> that share their project data

Unity Assistant - Planning



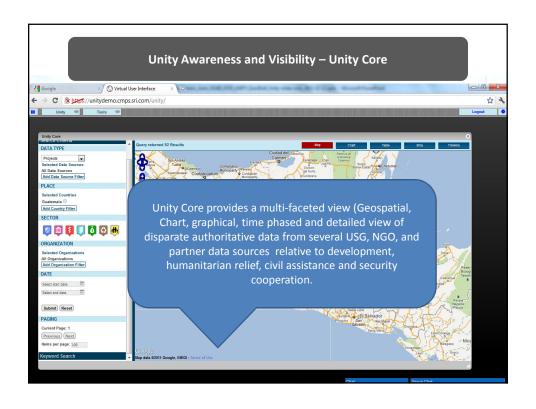
Unity Core – Awareness

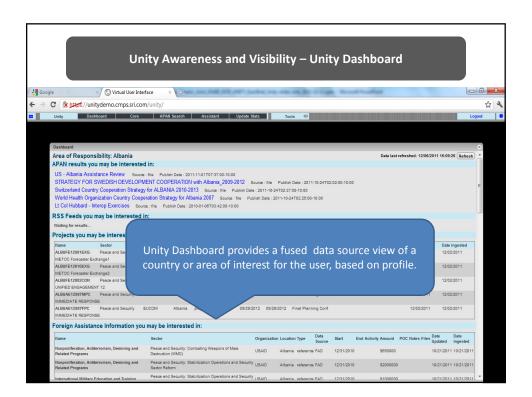


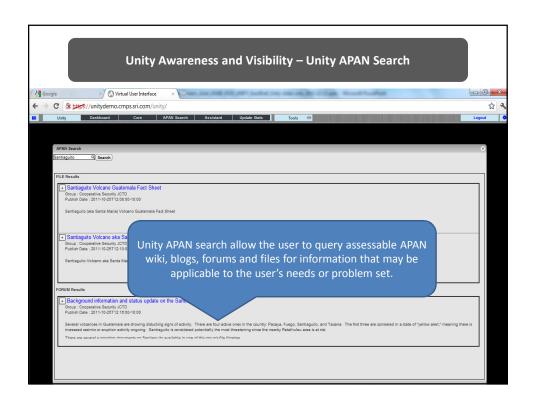
Unity Tools – Analysis

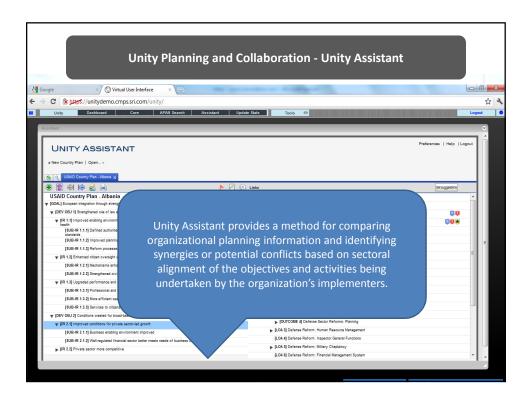


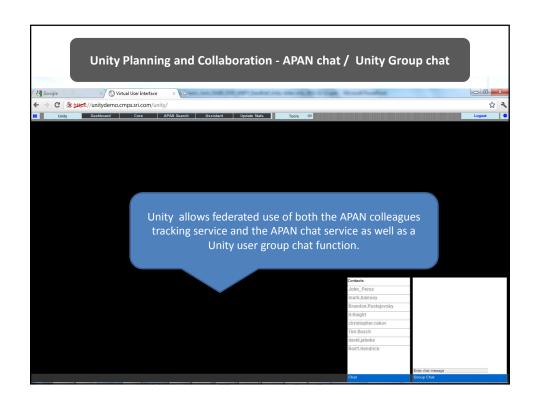
4

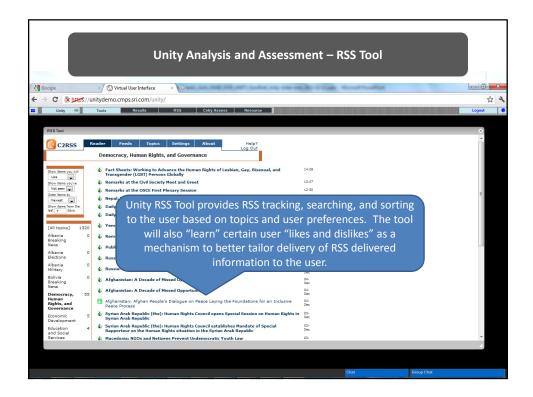


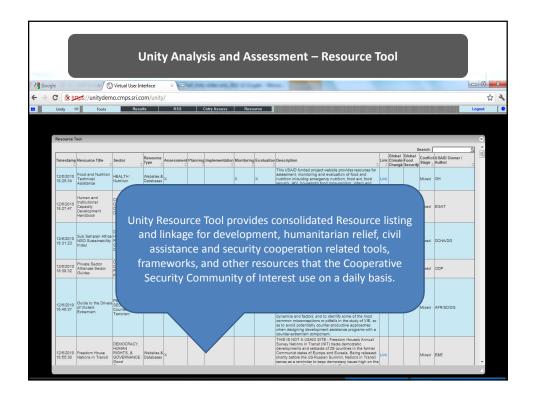


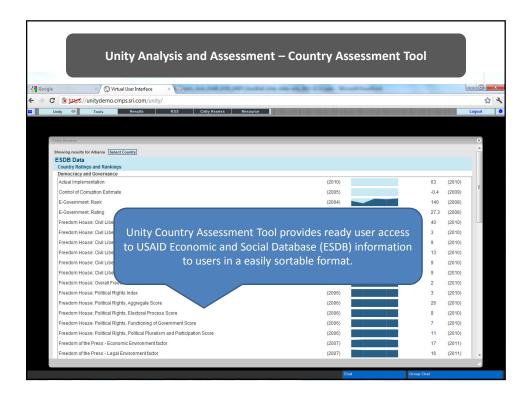


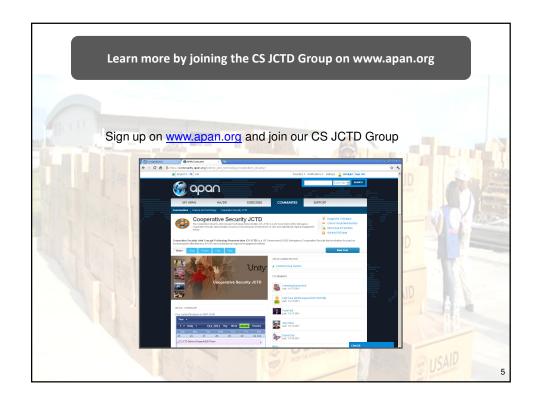












NA-USIP Roundtable:

Workshop on Using Data Sharing to Improve Coordination in Peacebuilding



