Options for Bank Teams

Geospatial Tools for Remote LEN/SPN

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Working Group on SD Remote Project Preparation & Supervision
Challenges for Bank Staff

- **Home Alone** on projects that require **multi-sectoral** expertise!
- Working under severe **time constraints** and a lot of scrutiny
- **Difficulty in keeping up** with global good practices, especially related to new technologies of relevance
- Access to even a **basic evidence base** for advising Bank management and teams, clients, and their consultants effectively
- Additional difficulties in the **COVID-19** Context (remote preparation and supervision)
Interactive e-Packaging of Data, Analytics & Knowledge Products

Facilitate Learning and Knowledge Sharing

GeoLab, Bank Geospatial Portal, OLC, etc...

Facilitate Partnerships (internal & external)

Support Operational Teams (ASAs, Projects, RASs, CMUs)

E-Packaging of Data/Analytics
Bank Tools - “Wholesale” Global Level

  - Project
  - Datasets
  - Analysis
  - Imagery comparison
  - Toolkits (e.g. GeoESF)
E-Packaging of Knowledge & Learning

- Interactive documentation – e.g. visualization/e-books/storymaps (e.g. http://spatialagent.org/KIDS/)
  - Customized Project Portals
  - Performance Benchmarking
  - e-AM? e-ISR? e-ICR?
  - e-Project Updates
  - e-Newsletters

- Virtual Learning
  - Webinars
  - Clinics/Knowledge Exchange
  - E-learning
Project Monitoring Tools

- Decentralized M&E Data Collection
  - Digitized/GeoLocated databases
  - GEMS – KoboToolBox – Mobile ODK
  - World Bank Smart Supervision App (under development)

- Additional surveys
  - Drones
  - Cameras (incl. 360°) [http://vr/](http://vr/)
  - Online spatial surveys
    (e.g. using Survey 123, Kobo...)
Spatial COVID-19 Recovery Stimulus Planning

Illustrative Data

Location: Bali Beach 1  
Centroid Coordinates: 8°44′06″S 115°09′45″E  
Country: Indonesia  
Type of Intervention: Beach Clean-up  
Number of person-days: 200 (60% women)  
Cost: USD 2000  
Potential Implementer: Municipality of xxx  
Potential Associated Project: Pxxxxxx  
+ Associated Pictures/Video Narrative/Documents
Spatial COVID-19 Recovery Stimulus Planning (Testing Prototype)

As countries and their development partners explore ways to help impacted people around the world (especially poor communities in remote areas) recover from the devastating impacts of the COVID19 crisis, it is important to build a credible “bottom up” pipeline of potential investments that can create short-term labor-intensive employment opportunities to provide income support for these families (e.g. building trails in protected areas to improve eco-tourism, afforestation activities, planting mangroves, cleaning beach litter, etc.). These short-term “stimulus” investments could be designed in a way to also support longer-term sustainable growth and poverty-alleviation impacts.

This survey form is intended to be used by staff and project counterparts to propose potential investments to support planning, along with some basic data to create a portfolio of potential investments that can be visualized, queried, and analyzed on customized dashboards.

The first version developed here can even be done to solicit ideas from staff and counterparts working from home and can be adapted later to include mobile Apps for additional field data collection when safe to do so.

Please provide a unique name for the suggested intervention*
Please enter country, location, and name of project
e.g. Bali, Indonesia Beach Cleanup
Name and Position of Submitter
Please enter your name in this order:
First...Middle (if applicable)...Last

Please also include your institutional affiliation and any other contact information (e.g. full telephone number, address)

Date and Time of Submission*

10/05/2020 22:06

Submit
COVID-19 Dashboard

Total Projects
18

Average Female Inclusion Rate
59%

Average Person Days
968

Estimated Spending
$1,593,401

Visualization & Query Interactive Dashboards
Looking Ahead

• Scaling-up use of spatially related tools for remote preparation and “super”vision of projects and ASAs

• Needs combination of free/public-domain and SAAS subscription services, institutional and customized services, wholesale and retail...

• Encourage clients to adopt more open data services

• More use of AI/ML in future

• Need for more socialization of these concepts, training, and facilitation for Bank staff and clients

• Special significance during COVID months/years but also part of modernizing the development paradigm
Disrupt or Be Disrupted!

Thanks!

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Download the Spatial Agent App (iOS and Android) at: http://apps.worldbank.org

http://spatialagent.org/KIDS/
Disruptive KIDS on Yammer