Track and Trace in Creative Programming

Creative’s approach is to use most appropriate and cost effective technology for the context.
Afghan Children Read will run until April 2021 to improve EGR outcomes for students in Grades 1-3 in public and Community Based Education (CBE). Project goals include enabling the Ministry of Education to provide education services that measurably improve learning outcomes and improve access across formal and CBE schools; and to raise awareness of parents and communities on the importance of early grade reading.

Track and Trace Scope
• First pilot in March 2017, tracked deliveries in June and November 2017, now in the processes of scaling nationally
• Over 560 schools in 4 provinces

Vamos Ler/ Let’s Read! will run until July 2021 to strengthen the Mozambican government’s ability to ensure that students can achieve grade-level fluency and comprehension in three local languages (Emakhuwa, Elomwe, and Echuwabo) in Grades 1-3, along with oral language support to prepare children for transition to Portuguese in Grade 4. Goals of the project include improved Early Grade Reading classroom instruction, National Early Grade Reading policy framework and delivery systems, and parental and community engagement in Early Grade Reading.

Track and Trace Scope
• Initial pilot stage January/February 2018
• 21 schools in 2 provinces
**Afghan Children Read**

*Materials*

- textbooks, workbooks, and teacher materials for Grades 1-3 in Dari and Pashto

*Key Strategies/ Local partners*

- MoE involvement: Steering Committee, Working Group, MoE officials shadowing process in districts
- School-level engagement: Motamid and principals through SMS and phone confirmation
- Exploring hotline and other options for community feedback

**Technology: Book Tracker**

- Creative applied a customized commercial technology to both book tracking initiatives. Book Tracker features a blend of mobile-app based and SMS-interaction technologies to facilitate data collection that proves confirmed book deliveries, and provides specific, actionable, and automatic report and alerts in real time. The Book Tracker app is an iteration of CreativeMapper, developed by Geospago.

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**Vamos Ler/ Let's Read!**

*Materials*

- workbooks, teacher materials, and supplementary materials for Grade 1 in Portuguese and 3 local languages

*Key Strategies/ Local partners*

- District MINEDH officials shadowed project staff during pilot
- Project will provide additional paper-tracking materials and capacity support to leader schools
- Exploring options for community feedback mechanisms
Book Tracker Features

Online dashboard
Mobile Application with record look up and offline functionality
Barcode scanner, signature pad, image storage
SMS-enabled conversational data collection
SMS notifications to schools
Actionable Email alerts to staff
Daily Summary reports to staff

**ACR Book Tracking Status Report**

OVERVIEW: Based on the expected delivery of books to 1 schools and CBEAs (1 Schools and 8 CBEAs) in Herat and Kabil

<table>
<thead>
<tr>
<th>Reference ID: 1</th>
<th>Barcode Value: 100020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Province</td>
<td>KANZUL</td>
</tr>
<tr>
<td>Distance</td>
<td>BAGRAMI</td>
</tr>
<tr>
<td>School Name</td>
<td>School 1:</td>
</tr>
<tr>
<td>EMIS ID</td>
<td>3468</td>
</tr>
<tr>
<td>Village</td>
<td></td>
</tr>
<tr>
<td>Language</td>
<td></td>
</tr>
<tr>
<td>Total Boxes for School</td>
<td>1</td>
</tr>
</tbody>
</table>

Form: Pre-Shipmet Spot Check IN PROGRESS

<table>
<thead>
<tr>
<th>Number of records</th>
<th>Number of misplaced records</th>
<th>100%</th>
<th>Number of Books Checked</th>
<th>Number of Books checked with incorrect contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td></td>
<td>1</td>
<td>100%</td>
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</tbody>
</table>

Missing Books Summary

<table>
<thead>
<tr>
<th>Ebne</th>
<th>Books</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CBE Data

<table>
<thead>
<tr>
<th>Number of records</th>
<th>Number of学校的shipment Release scanned</th>
<th>Number of school deliveries not scanned</th>
<th>Number of notifications sent</th>
<th>Schools received notifications</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
</tbody>
</table>

Hello ACR Team,

2 books were reported as damaged for Geospagold 1348

- School Name: Test
- Principal Name: Jeff Smith
- Principal Phone: 14154843812