School Area Road Safety Assessment and Improvements (SARSAI)

Policy & Donor Roundtable
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School Area Road Safety Assessment and Improvements (SARSAI)
Child Road Traffic Injury

- Africa has world’s highest rates of RTI
- Child pedestrians among most vulnerable
- In most dangerous parts of urban Africa over 3% of children are injured annually
- 93% of child RTIs in Dar are pedestrians
- 358 public primary schools in Dar
- RTI injuries/deaths at 51/109 (46.7%) of schools we studied in the last two years

Dar es Salaam, Tanzania

- Population: 3.3 million
- Population growth: 4.39%
  (3rd fastest in Africa, 9th fastest globally)
- Demographics: 60% of population under 30
SARSAI – Assessment

- Schools chosen based on surveys and studies
- Identify and work with local political leaders
- Interview students, teachers, and parents
- Research road user behavior
- Analyze existing infrastructure
- Prepare recommendations for interventions

SARSAI – Implementation

- Community
- Light infrastructure
- Advocacy
Mianzini Primary

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Mianzini Primary

SARSAI – Mianzini Primary

Add places to this layer by drawing or importing data. Learn more

Improvements
- Mianzini Primary School
- KMC Bump
- KMC Bump
- Amend Bump
- Double Plate Road Sign
- Zebra
- Double Plate Road Sign
- Footpath
- Bollard
- Bollard
- New Gate
- Murals (37)
SARSAI – Limitations

• Non-institutional improvement
• Non-systemic solution

SARSAI – Benefits

• Inexpensive
• Measures proven to reduce injury rates
• Fast to implement in problem areas
• Strong local support
• Scalable