

Open Data for Paratransit Sector Resource Center

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Design by



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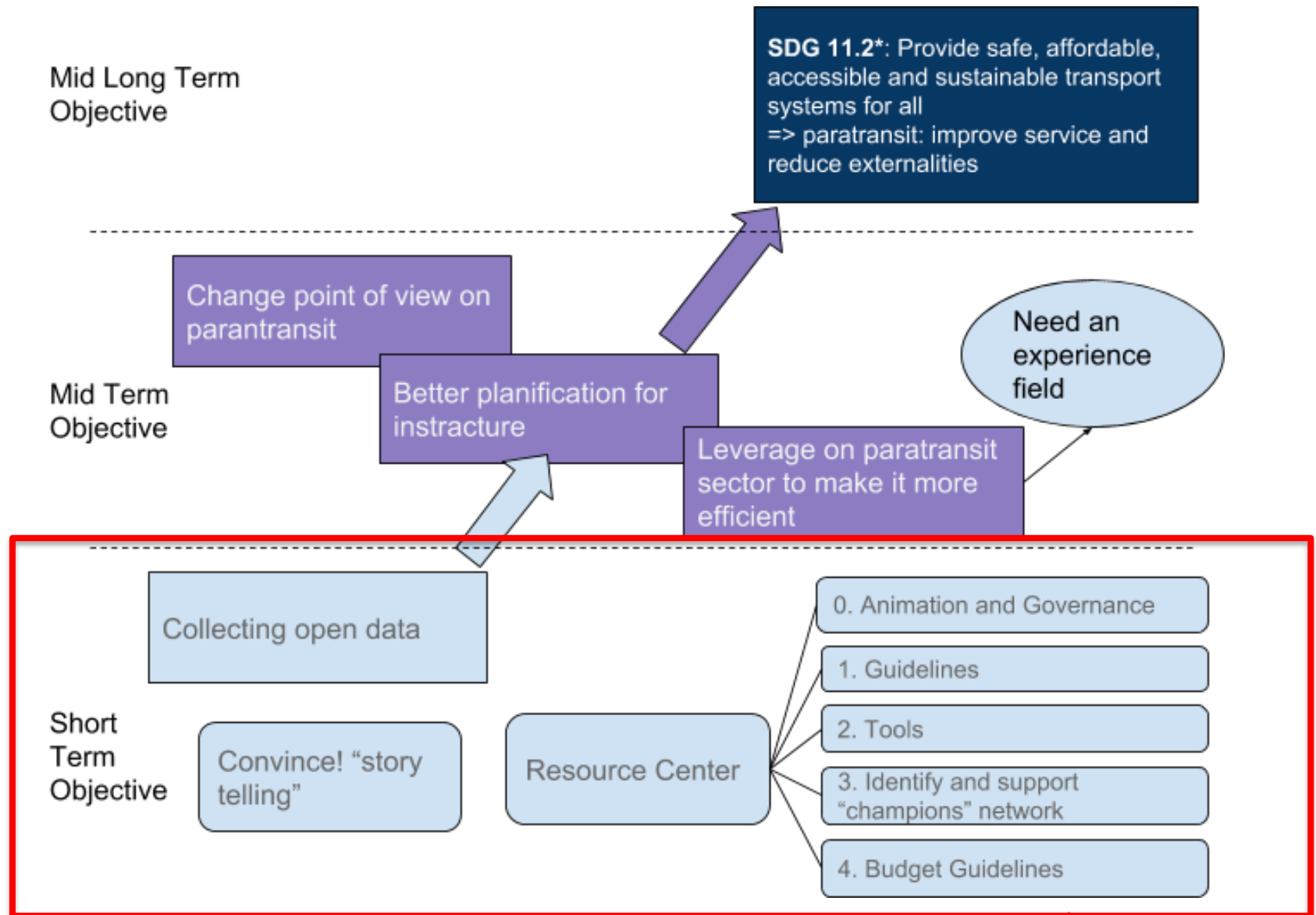
01. Paratransit as starting point



- Flexible routes and departure times covering >90% of transport needs in african cities
- Fragmented private operators mainly self-regulated, strong unions and political influence
- Negative Externalities: congestion, pollution, road safety that becoming critical

Digital is a tremendous opportunity to deal with these multitude of operators and transform the sector!

02. Results of the Nov 2017 workshop



03. Active contribution

digital**matatus**



03. Thinking partners

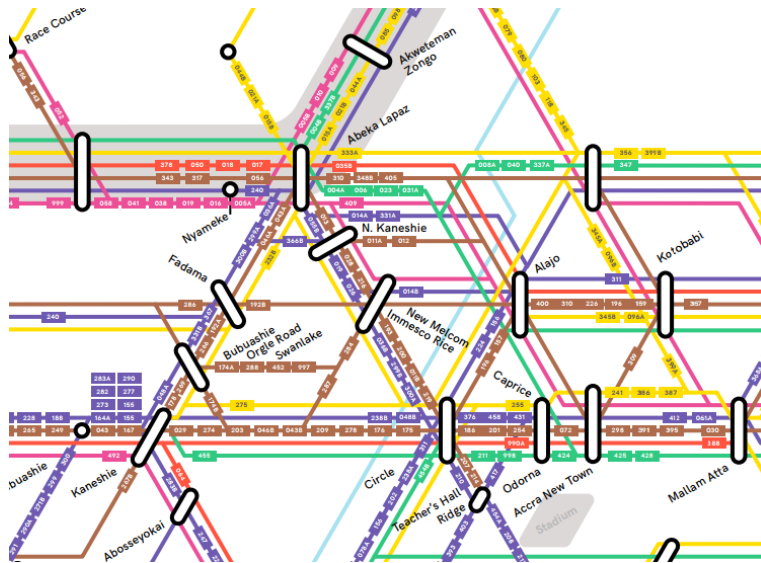


04. Value proposition **Develop « digital commons »**

- **Scaling up in African Cities**
- **Leverage power of standards**
- **Improve cost efficiency of data collection**
- **Enable data sovereignty (vs data dependency)**

Resource center as a backbone

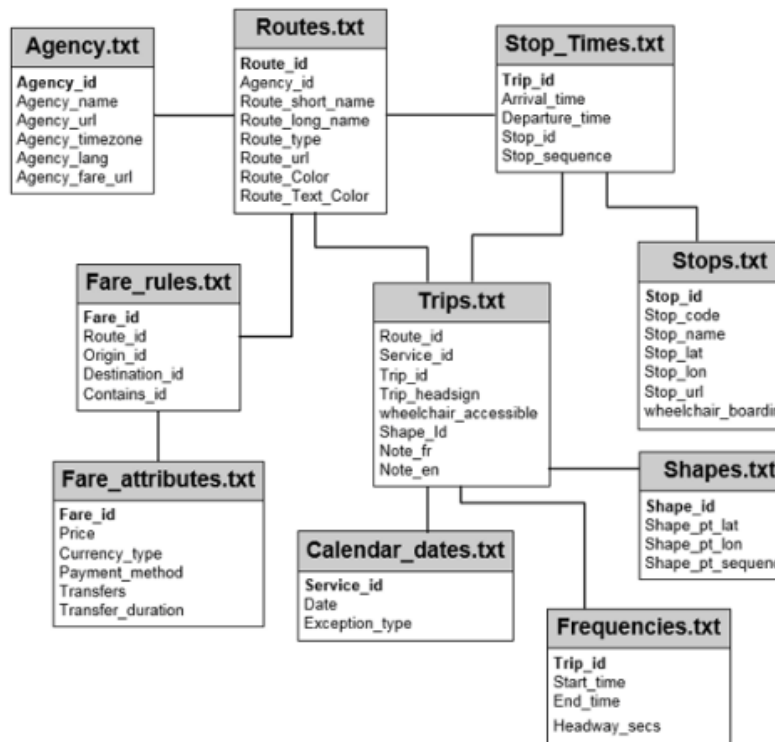
04. Scaling up for different african cities



Carte schématique du réseau de Trô-Trô

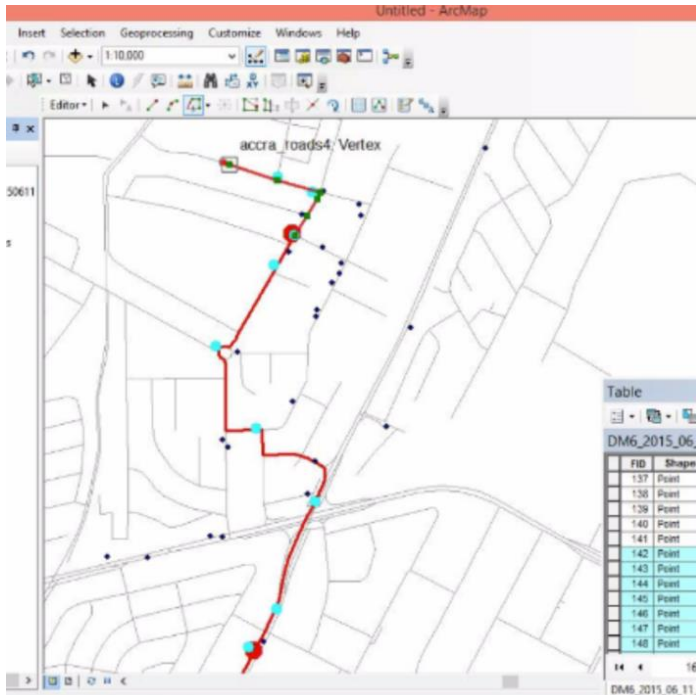
- Develop community network in agile way
- Convince political level in different cities to implement such process by showcasing successful projects and advocate for parantransit
- Share experience and knowledge and encourage re use or upgrade tools

04. Leverage power of standards



- Encourage (or force) GTFS as basic data format standard for any public transport network
- Improve methods and tools to create GTFS including bridges OSM and GTFS
- Encourage software developments to generate GTFS and application development based on GTFS data sets

04. Improve cost efficiency of data collection



- Develop support for the whole value chain to reduce cost and delays: generate – publish – use –with all related tools and documentation
- OSM and open source first to enable easy « re use » and support local communities (Universities, NGO, local authorities...)
- Repository Git
git.digitaltransport4africa.org available for storage, versioning, and static webpage deployment
- To come: API?

04. • Enable data sovereignty (vs data dependency)



OPEN KNOWLEDGE



- Encourage (or force) to adopt open licences to share data partager les données (OdBL)
- Encourage open source for software development
- Finance stakeholders related to digital commons development: OSM with a focus on local community support

04. Example of Abidjan mapping

Co construction with Côte d'Ivoire Government



Gbakas



Woro Woro

- **Starting point:** Needs and objectives defined by Ministry of Transport to understand current situation of paratransit
- **Add value of AFD:** connection with previous experiences and technical assistance on methodology / terms of reference
- Included in **terms of reference:**
 - **Data Format** (GTFS & OSM) and **Licence** (OdBL)
 - **Tools upgrade** open source
 - **Upload all results open on the resource center**
- Resource center store the data

04. Next steps

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- Encourage and finance next mapping projects in african cities
- **Beta version will be upgrade** from a project to an other, gather different knowledge
- **Encourage different stakeholders to join, upload data, use GTFS Dataset available to bring add value!**
- **Comments and feedback welcome!**

04. Next steps

Beta Version – work in progress

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- Beta version will be upgrade from a project to an other, gather different knowledge
- **Our ambition is to be trustworthy third party:** join us, participate, upload your data, use tools, etc...
- Comments and feedback welcome!

Thank you for your attention