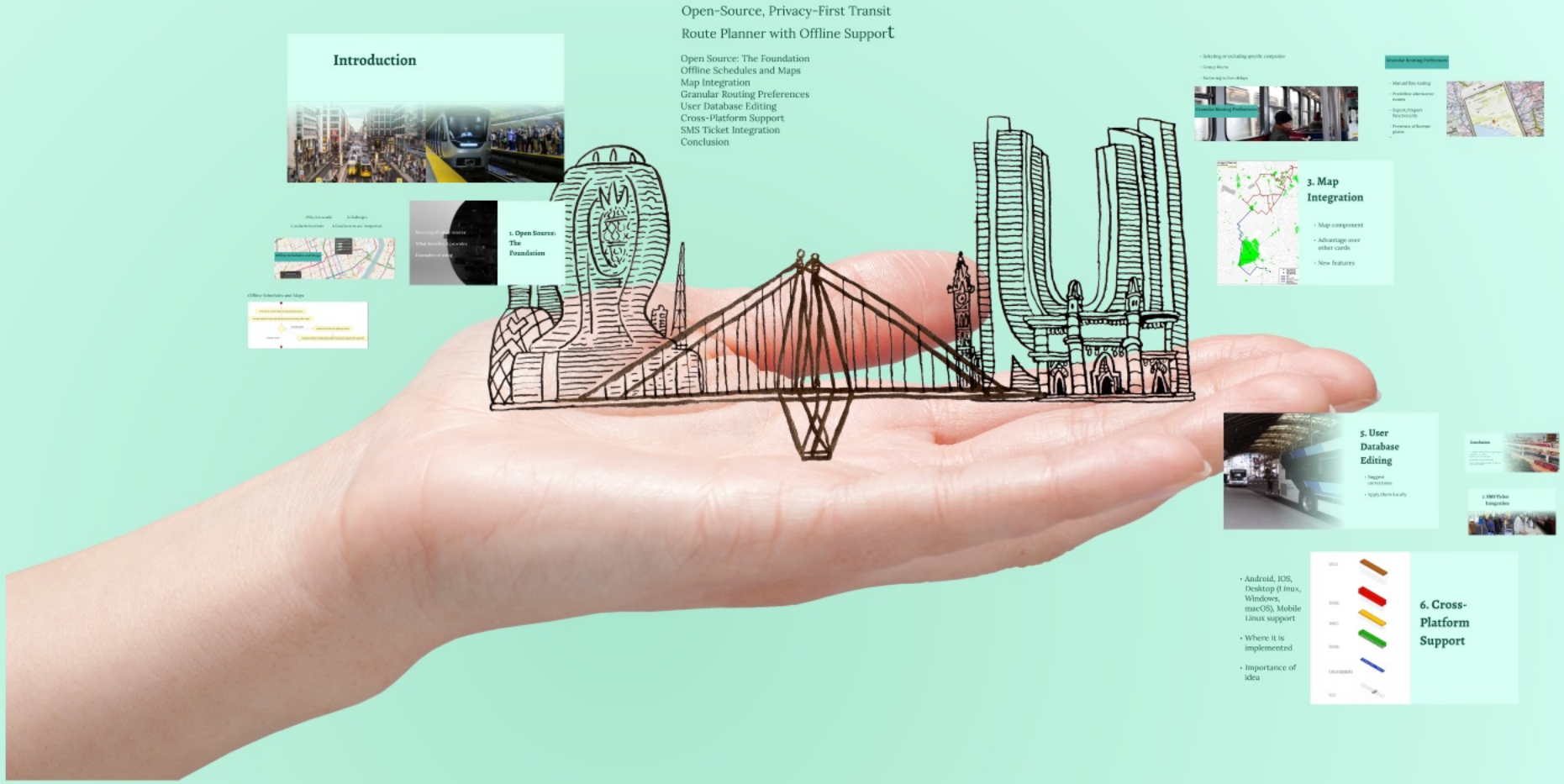
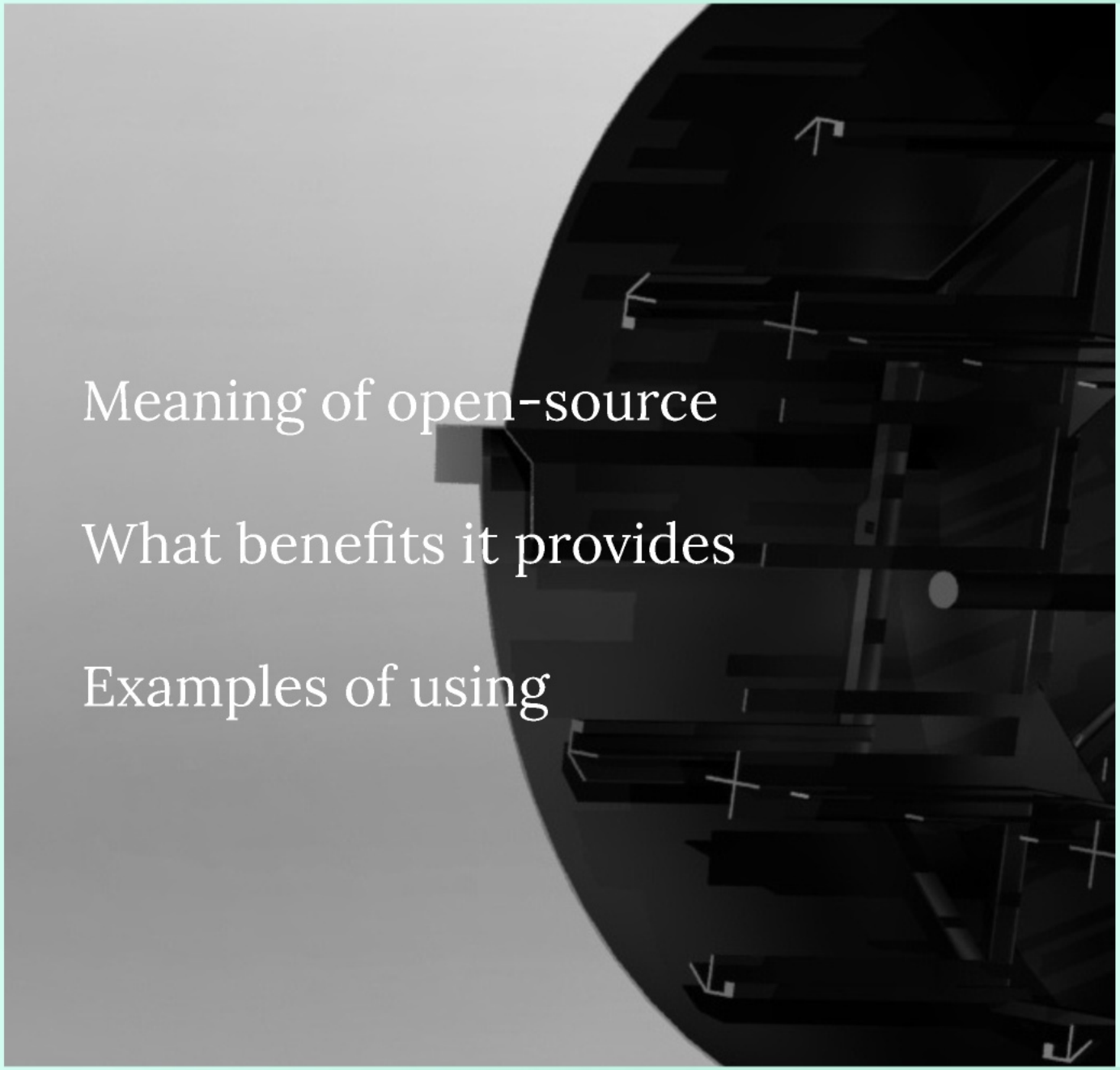


Vision for an Open-Source Public Transit Planning App and website

Introduction

Open-Source, Privacy-First Transit Route Planner with Offline Support

Open Source: The Foundation
Offline Schedules and Maps
Map Integration
Granular Routing Preferences
User Database Editing
Cross-Platform Support
SMS Ticket Integration
Conclusion



Meaning of open-source

What benefits it provides

Examples of using

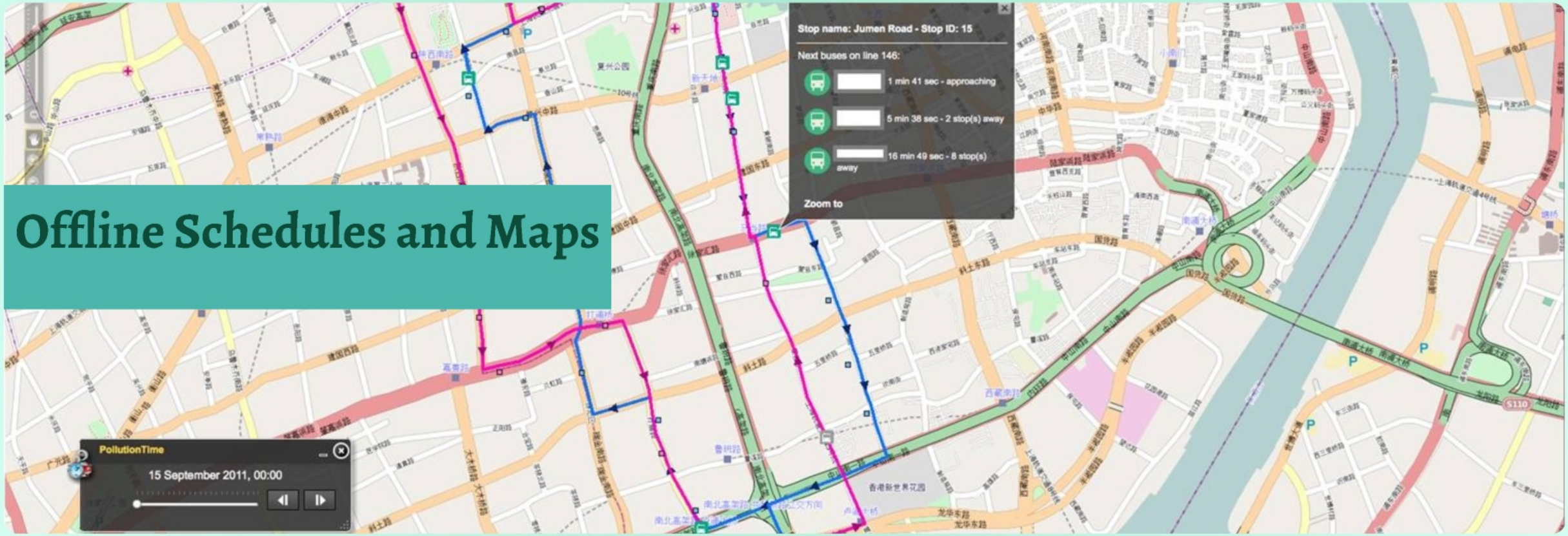
1. Open Source: The Foundation

1.Why it is useful

3.Challenges

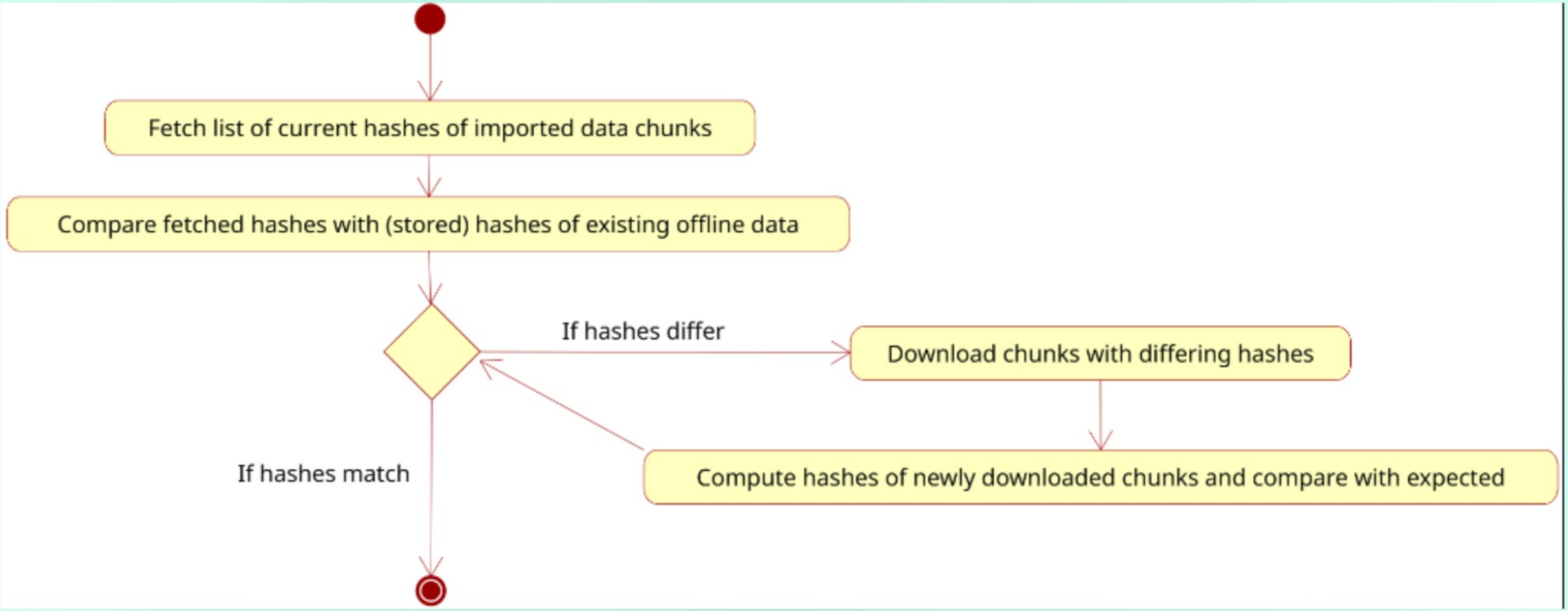
2.Available functions

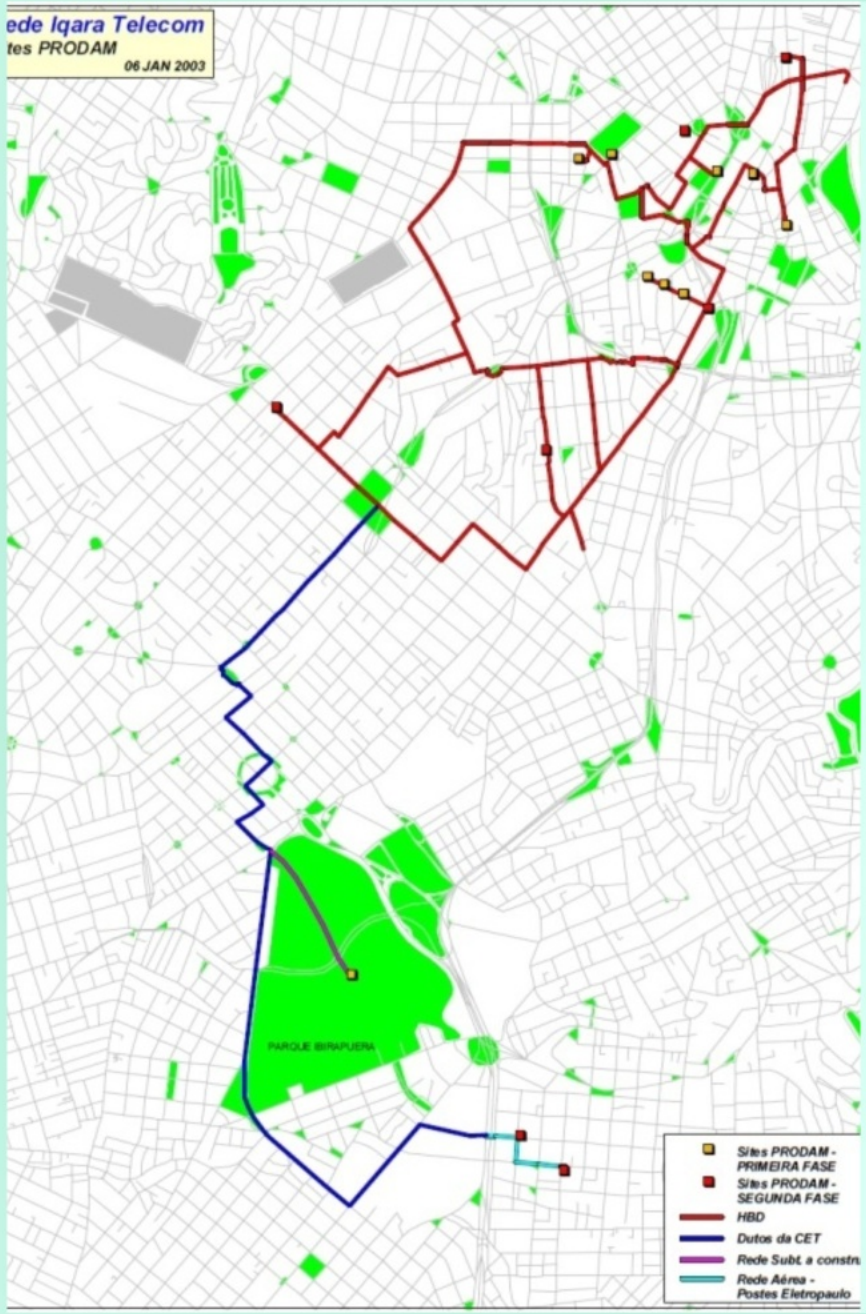
4.Data Sources and Integration



Offline Schedules and Maps

Offline Schedules and Maps





3. Map Integration

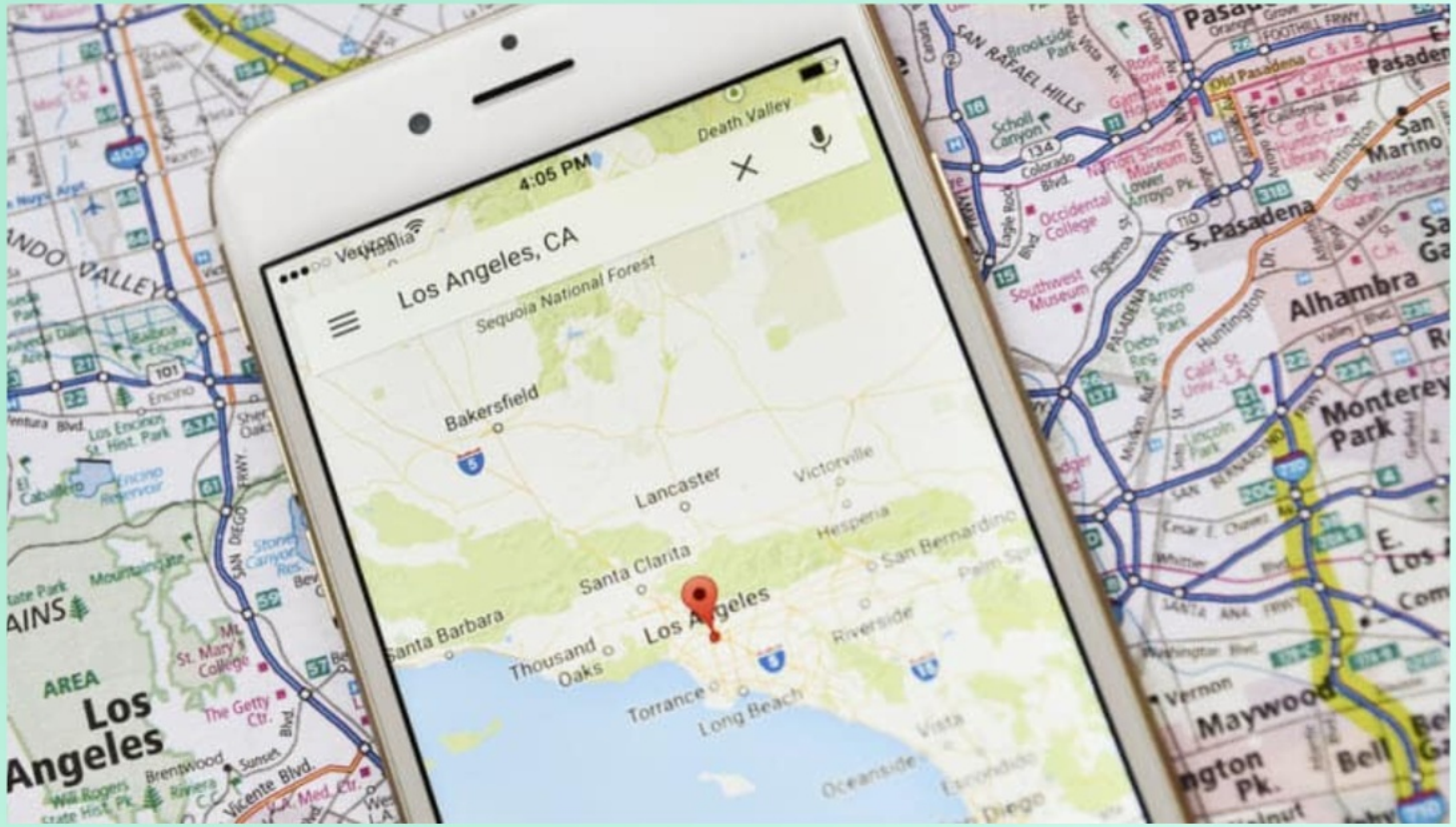
- Map component
- Advantage over other cards
- New features

- Selecting or excluding specific companies
- Group filters
- Factoring in live delays

Granular Routing Preferences

Granular Routing Preferences

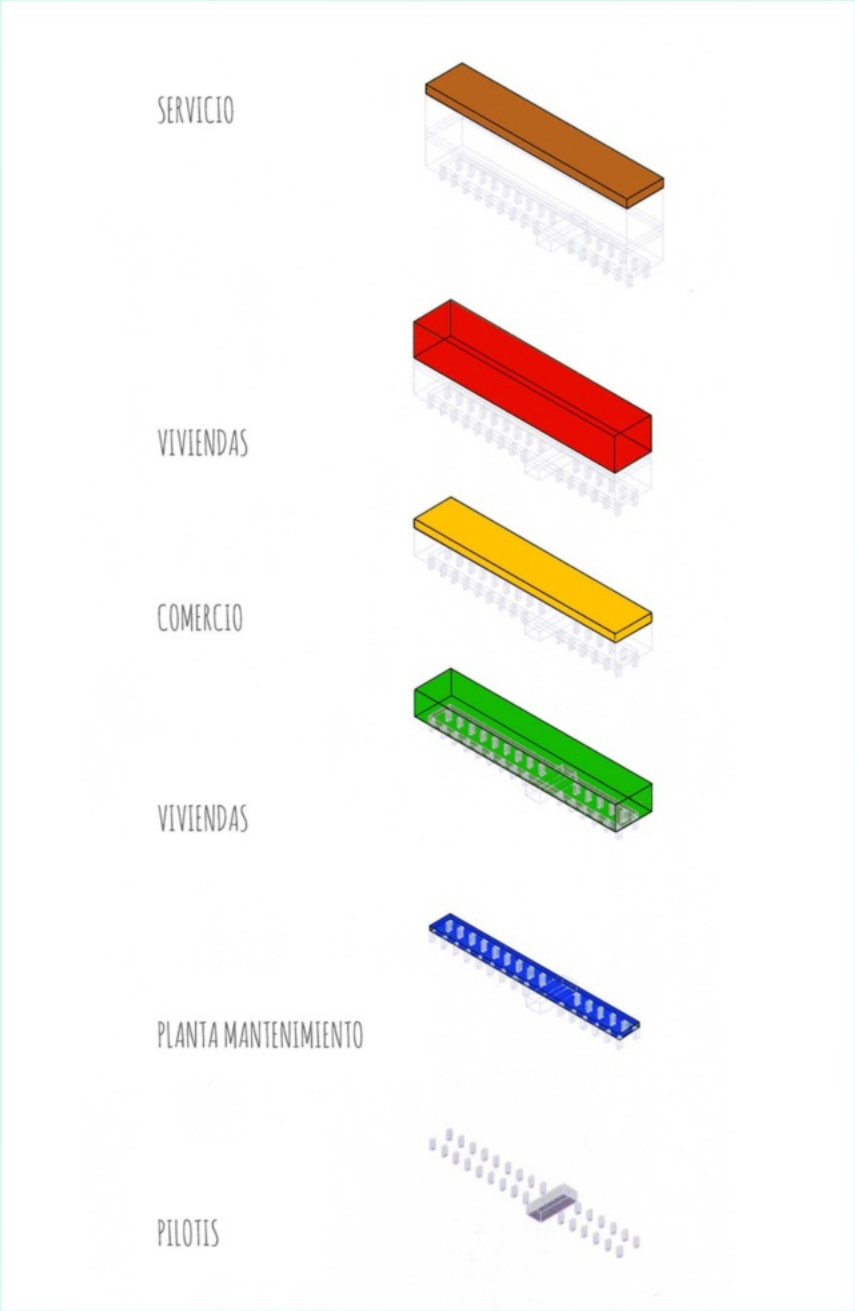
- Manual fine-tuning
- Predefine alternative routes
- Export/Import functionality
- Presence of license plates
-



5. User Database Editing

- Suggest corrections
- Apply them locally

- Android, IOS, Desktop (Linux, Windows, macOS), Mobile Linux support
- Where it is implemented
- Importance of idea

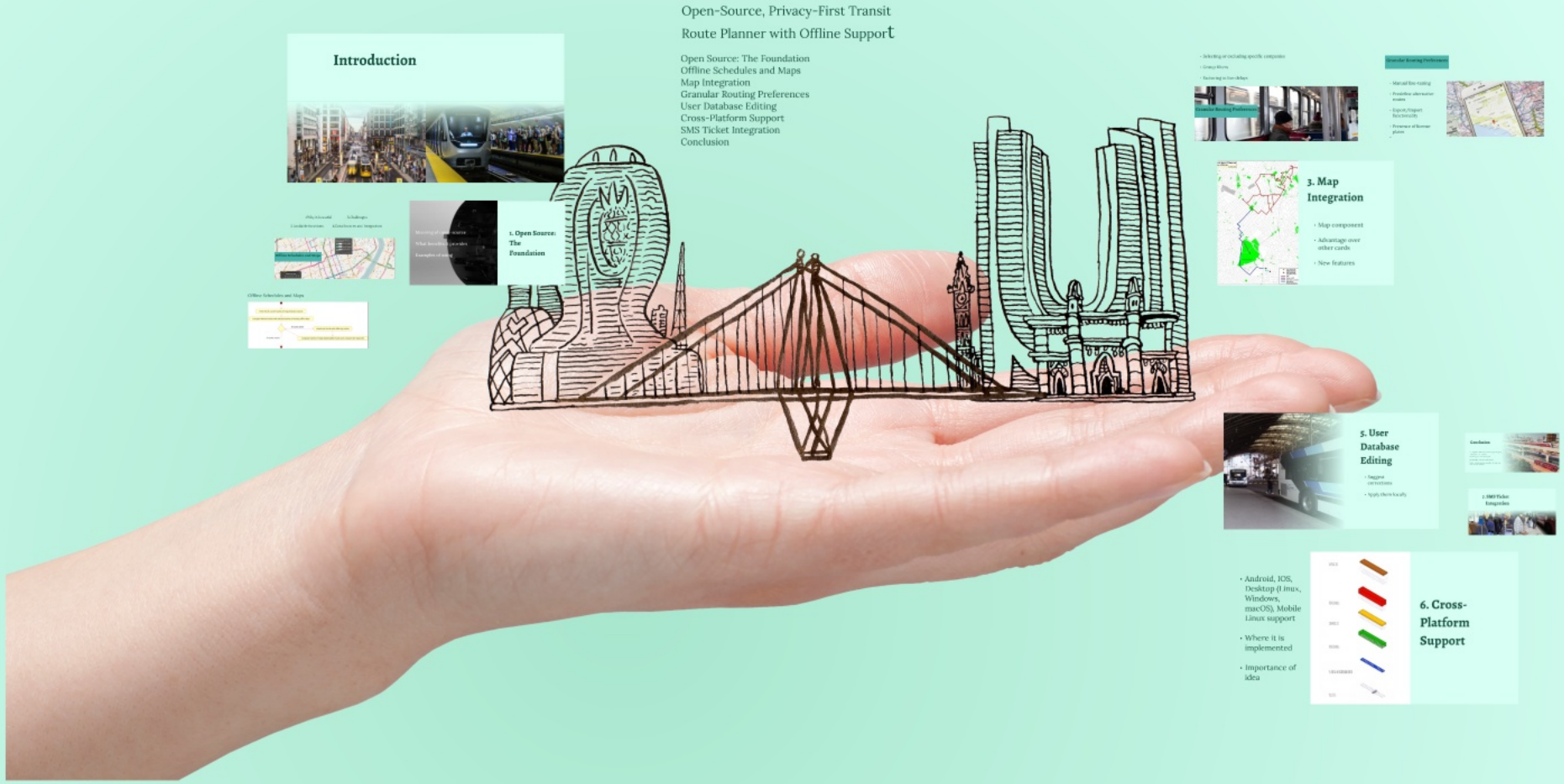


6. Cross-Platform Support

7. SMS Ticket Integration

Conclusion

- It's a community-driven, privacy-preserving, offline-capable, cross-platform travel companion.
- Empowering users, not exploiting them.
- Making transport data open, not proprietary.
- And proving that convenience doesn't have to come at the cost of privacy or openness.



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