## 🌐 **Community and Collaboration**

### 🔑 Most Important

* Collective Structure: Should be open, inclusive (OSS/resources), and searchable; support sharing of tools, data, and metadata.
* Equity & Inclusion: Ensure participation across geographic, institutional, and disciplinary lines; no fees for Global South; include low-skilled participants.
* Governance: Host a diverse steering committee (career stage, institution, geography); establish shared leadership roles with accountability.
* Commitments: Members should engage in data sharing, participation, co-development, mentorship, and infrastructure contribution.
* Access & Interoperability: Ensure understandable formats (metadata, standards); adopt federated structure and usable APIs.

### ⚙️ Operational Priorities

* Develop standardized data collection/processing compatible across regulations
* Emphasize outputs that are open, reproducible, well-documented, and easily reused
* Support mentorship and student participation, including mobility between groups
* Encourage collaboration across disciplines (e.g., CS, geography, engineering)
* Publish ethical/privacy guidelines; ensure transparent communication
* Platform should include automatic data collection APIs, open source tools, guides
* Showcase open-sourced platforms (e.g., OGC), and accept volunteer-led contributions
* Clearly articulate benefits for each participant; shared platform for results
* Promote cross-sector collaboration: universities, NGOs, developers, policymakers

## 🧰 **Data and Tools**

### 🔑 Most Important

* Barriers to Openness: Business interests limit data sharing; strong legal and policy push needed to open private datasets
* Documentation Gaps: Many datasets/tools exist but lack documentation and labeling
* Legal Fragmentation: National laws differ, creating cross-country interoperability issues
* Data Value & Cost: Mobility data is expensive and tied to economic and reputational incentives

### 🛠 Recommended Datasets & Tools

* App-based datasets: GTFS, SSP, R5, scikit-mobility, movingpandas
* APIs: U.S. Census API (noted for usability), Google Maps API, Mapbox API, OpenStreetMap
* Simulation: SUMO models; NYC TLC data; San Francisco taxi dataset
* Tools for summarizing GPS-based data; platforms for aggregating available sources
* Synthetic data and federated learning cited as useful alternatives

### ⚠️ Gaps and Ethical Concerns

* Interoperability across FOSS tools remains unclear
* Ethical/legal: privacy protocols and anonymization essential
* Define clear OD matrix formats (e.g., TAZ vs square grids)
* Gaps include: spatio-temporal data formats, quality, bias, accessibility, and licensing
* Need simple, anonymous participatory tools for public contributions

## 📢 **Events and Knowledge Mobilization**

### 🔑 Most Important

* Core Communication Infrastructure: A good website, GitHub org, mailing list, and chat/calendar system are foundational
* Event Cadence: Annual conferences, bi-annual working group meetings, monthly lightning talks, online seminars/roundups
* Format Preferences: Workshops preferred over traditional conferences (more practical, engaging)
* Ongoing Knowledge Sharing: Shared repositories, regular outputs, rotating volunteers
* Hackathons/Challenges: Should include private sector, be tied to funding, and support local governments

### 🎯 Effective Practices

* Highlight research on the website; list members/projects/blogs
* Create a competition or prize structure (e.g., for students, early-career researchers)
* Promote student mobility between institutions
* Rotate leadership roles to maintain accountability
* Use existing platforms (e.g., GitHub, SharePoint, Slack) to support events and outputs
* Organize MOOCs or thematic series from the workshop (e.g., on Zoom)

## 🧭 **Vision and Impact**

### 🔑 Long-Term Goals

* Mobility Observatory: A public-facing, policy-relevant observatory that could launch spin-off projects or start-ups
* Open Toolkit: Widely accessible and explainable toolkit for stakeholders (e.g., policymakers)
* Policy Shaping: Regular public posts, media engagement, outreach to authorities
* Best Practices: Recommend standards for tools, processes, and research ethics
* Field Building: Institutionalize “mobility studies” as a recognized domain

### 🏛 Structural & Ecosystem Goals

* Well-established collective that acts as a hub for tools, data, and analytics
* Inclusive of marginalized or underrepresented groups
* Facilitate collaboration between cities, researchers, and communities
* Improve affordability, accessibility, and data-driven decision-making
* Promote actionable outputs: shared datasets, guides, documented methods
* Maintain documentation of effective processes and decision pathways