



<b>Company:</b> Orbi Serviços de Internet LTDA <b>CIF:</b> 37.282.638/0001-72	
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<p style="text-align: center;"><b>Short Company presentation</b>          (R &amp; D guidelines, international activities, etc.)</p>
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Orbi Serviços de Internet LTDA is a high-technology company headquartered in São Paulo, Brazil, and funded by FAPESP under the PIPE Phase 2 program. The company specializes in applied geospatial computing and cultural intelligence, operating at the intersection of territorial data, civic technology, and social infrastructure.

Orbi is the developer of Orbis, an international geosocial network designed to map and analyze the spatial dynamics of cultural and social groups. The platform introduces a novel system of amorphous, data-driven territories—zones on the map that evolve continuously based on collective user behavior, location patterns, and engagement signals. These territories serve both as containers for digital social presence and as interfaces for participatory cultural mapping.

Orbis transforms the abstract concept of “community” into a tangible, spatialized layer—bridging the virtual and physical through algorithmic representation. The result is a dynamic map of cultural activity and group identity, built to support institutions, researchers, and the public in understanding, visualizing, and activating the social fabric of a region. The company operates an internal research lab and seeks international R&D partners to expand and co-develop the platform under shared innovation agendas.

## DESCRIPTION OF ITS TECHNOLOGY AND CAPABILITIES IN R & D

(Products, technologies, applications, services, etc.)

Orbi's unique technological innovation revolves around the creation of dynamic "amorphous polygons," a proprietary geospatial method that visualizes social interactions and cultural dynamics in real-time. These digital polygons expand, contract, and reshape based on user engagement, geolocated check-ins, and community activity, representing living cultural territories on interactive urban maps.

Additionally, Orbi serves as an innovative social media platform. Users can check-in at locations, dynamically shaping their community's digital territory. They can discover events, activities, and points of interest within their cities, receiving personalized, real-time recommendations. Furthermore, Orbi enables users to join and actively engage with local social groups that match their interests and geographic proximity, fostering deeper community connections.

Orbi provides:

- Proprietary "Amorphous Polygon" technology enabling real-time, dynamic community mapping, as illustrated in the images provided.
- Advanced AI-powered algorithms for identifying, predicting, and analyzing cultural and social clusters.
- Cross-platform engagement tools (Web, Android, iOS) for enhanced user interactivity.
- CRM integrations and analytical dashboards tailored for cultural institutions, community leaders, and urban planners.
- Robust and flexible APIs enabling seamless integration with external data sources and third-party applications.
- Tools for community groups to monetize their engagement, fostering local entrepreneurship and economic sustainability.

### Website & App Links:

Website: <https://orbis.social>

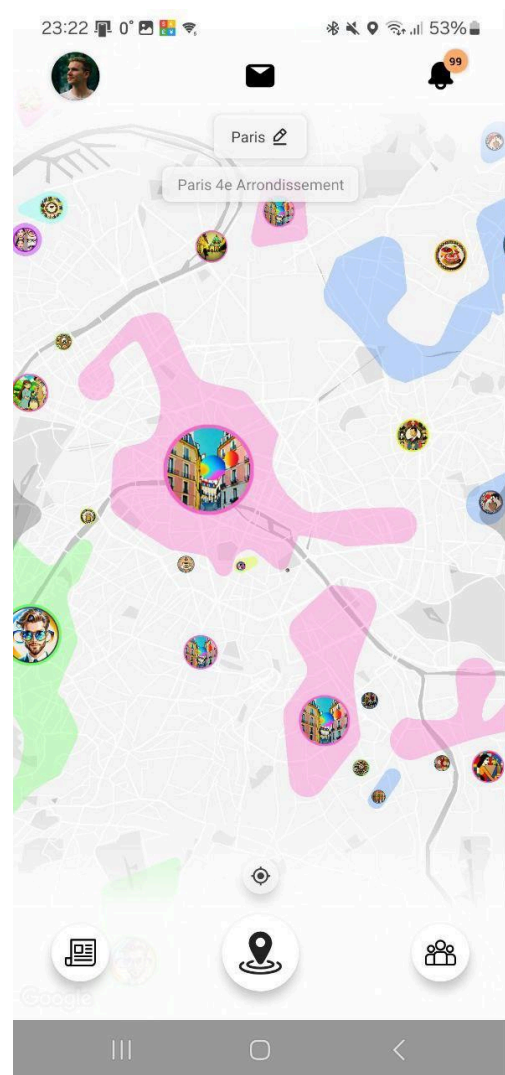
Madrid Map Preview:

<https://orbis.social/map?city=Madrid&lat=40.41650&long=-3.70256>

Android App: <https://play.google.com/store/apps/details?id=com.orbis.orbis>

iOS App:

<https://apps.apple.com/ca/app/orbis-digital-tribes/id1453025529?platform=iphone>



## PROPOSED COLLABORATIVE PROJECT IN R & D

(As much detail as possible, both in what it offers and what you want in a potential partner)

- **Technology offered to international partners:**
- **Technology looking for an international partner:**
- **Other specifications, requirements or comments:**
- **PROPOSED COLLABORATIVE PROJECT IN R & D:**

**Project Objective:** To collaboratively develop a cross-border, scalable geosocial platform specifically tailored for cultural intelligence and participatory territorial mapping, leveraging innovative technologies to foster cultural understanding, civic engagement, and social cohesion between Brazil and Spain.

### Detailed Collaboration Scope:

- **Platform Expansion:** Enhance the Orbis platform by introducing full multilingual capabilities (Spanish, Portuguese, English) and region-specific adaptations tailored explicitly for diverse cultural contexts within Spain.
- **Data Integration:** Collaboratively integrate robust cultural datasets from Spanish public institutions, universities, NGOs, and other relevant sources. This data will feed into advanced analytical frameworks, enriching insights and enabling sophisticated cultural mappings.
- **AI and Machine Learning Models:** Jointly develop and train specialized AI and machine learning models designed to identify and analyze high-engagement cultural clusters, community trends, and emerging micro-territories across Spanish cities.
- **Pilot Projects and Validation:** Execute pilot projects in selected urban areas across Spain. This stage will involve active collaboration with local stakeholders—such as city administrations, cultural organizations, and community groups—to test, refine, and validate platform functionalities and user engagement strategies.
- **Open Methodologies and Publications:** Create and disseminate open-access methodologies, guidelines, and best practices for digital cartography, cultural analytics, and participatory urban mapping. These resources will be aimed at empowering broader community engagement and fostering replication across other regions and cities.

### Technology Offered by Orbi:

- A fully operational, scalable geosocial mapping platform featuring unique dynamic "Amorphous Polygon" visualization technology.
- Sophisticated AI-driven analytics tools for precise identification and understanding of community interactions and cultural trends.

- Integrated CRM and visualization dashboards specifically developed to empower cultural groups, municipalities, and urban planners.
- Access to established R&D resources in Brazil, supported by FAPESP's robust scientific infrastructure.
- Monetization solutions enabling community groups and cultural entrepreneurs to generate sustainable revenue streams directly through platform engagement.

**Seeking in a Spanish Partner:**

- Access to cultural datasets, territorial taxonomies, and comprehensive data resources.
- Expertise in artificial intelligence, geoinformatics, digital humanities, cultural heritage studies, or closely related technological and academic disciplines.
- Demonstrable capacity to implement and manage pilot projects through municipal governments, research laboratories, or local innovation ecosystems.
- Proven track record with CDTI, Horizon Europe, or equivalent European innovation frameworks, indicating ability and experience in managing collaborative R&D initiatives and commercial exploitation of project outcomes.

Orbi Serviços de Internet LTDA warmly invites interested Spanish entities committed to technological innovation, cultural engagement, and social transformation to join this groundbreaking collaborative initiative under the auspices of the **FAPESP–CDTI cooperation program**.

**General comments:**

- By sending this information document authorizing its dissemination.
- A profile of the company must be attached