THE FUTURE OF SPATIAL COMPUTING

Leveraging geo-localized Augmented Reality, OVER unlocks our current experience of the web to produce immersive three-dimensional wonders that exist anywhere and at any time.
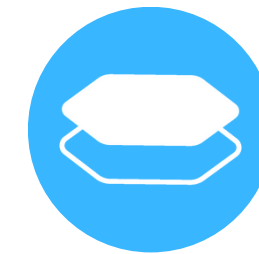
1.15Mln+
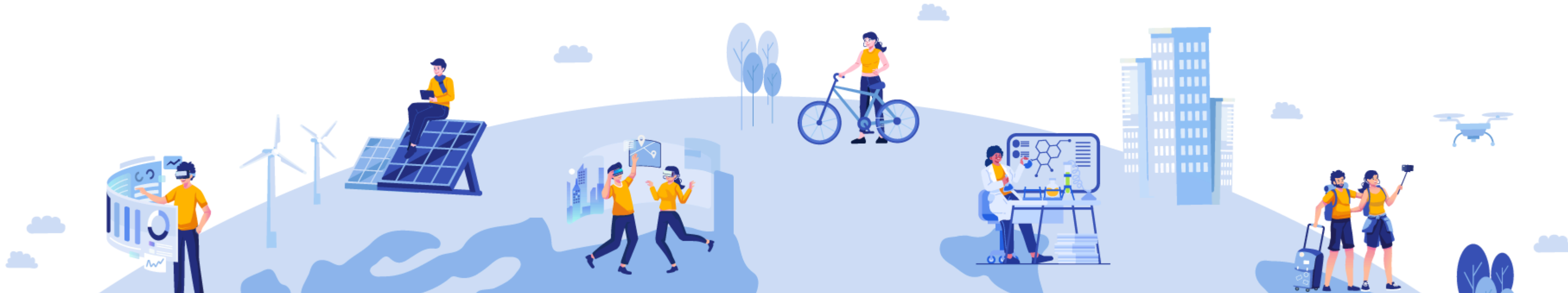Registered Users

874k+
OVRLand Sold

1.6Mln+
OVER Lands Explored

120k+
3D Maps Created

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THE BUILDING BLOCKS OF OVER AR PLATFORM

3 - OVER SDK
The builder layer
Thanks to the SDK, builders will be able to use an expressive tool to connect 3D assets, experiences, and play-to-earn games to the spatial domains defined by OVRLands and mapped with OVRLand Mapping.
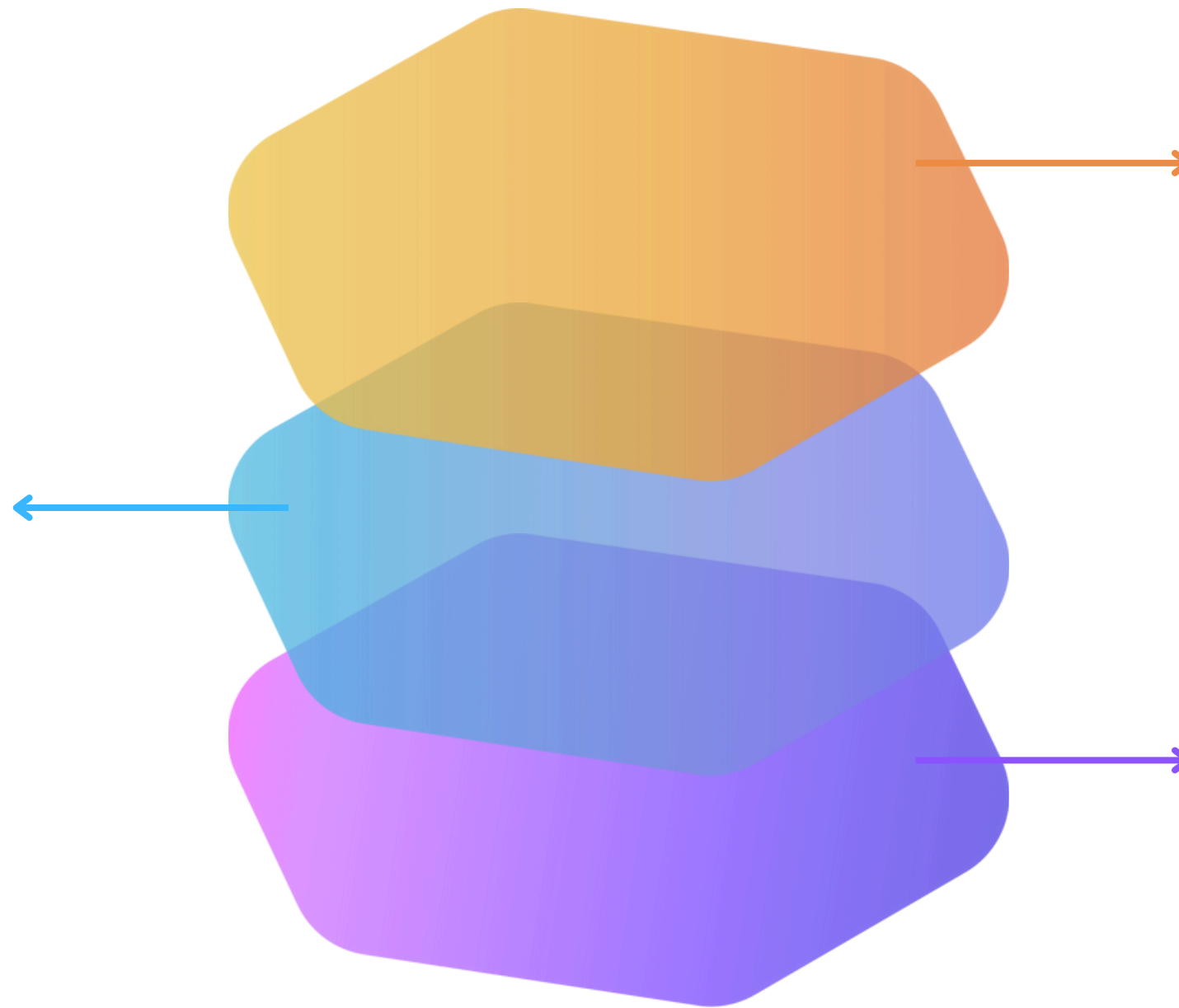
2 - OVRLand Mapping
The mapping layer
Land Mapping (Map2earn) allows for precise localization of AR assets to geographic locations creating a bridge between the physical and virtual world.

The Digital twin
Thanks to latest AI tech users can create a navigable virtual representation, a digital twin, of mapped locations. Geolocalized AR experiences become visible both locally and remotely.

1 - OVRLand
The ownership layer
OVER divided the world in 300 Sqm hexagonal Spatial Domains, mapped 1-to-1 to actual geographic locations. Just as for WebDomains, ownership of OVRLands, based on NFT standard, grants control on AR experiences in the defined geo-location

OVER CAPABILITIES FOR SMART COMMUNITIES A PILOT PROJECT IDEA

This Project Idea aims to integrate a **CitiVerse** implementation with both specific data sets and those organized within any **Smart City Data Space** framework. The goal is to establish a benchmark standard for the **real-time visualization of big data** within Smart Cities.

The project phases are outlined as follows:

1. **Completion of Smart City Components**

2. **Data Integration and Structuring**

3. **CitiVerse Deployment**

4. **Pilot Testing and Stakeholder Interaction**

5. **Results Sharing and Optimization**

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OVER'S CONTRIBUTION AS TECHNOLOGY PROVIDER

As a leading player in the **Smart Cities-to-CitiVerse transition, OVER** offers an advancedtechnological solution to integrate and communicate infrastructure and service data through a geolocated, immersive, and interactive approach. By leveraging our **3D mapping** and **augmented reality (AR)** platform, citizens, operators, and administrators can access critical data on services such as **transportation, energy, and education**, revolutionizing the interaction between the digital and physical worlds.

Key Technological Pillars

| 1. Virtual Positioning System (VPS): Precision Localization | 2. Digital Twin Technology | 3. Jump-In Functionality |

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OVER PLATFORM CAPABILITIES

The OVER platform builds **geolocated spatial layers** that host precisely positioned **3D data and assets**, offering a comprehensive system to organize and manage information by interest categories. Key functionalities include:

➡ **Customizable Layers:** Each layer can be populated with data related to various categories, such as **public transport, energy services, or educational points of interest.**

➡ **Advanced Management:** Local and governmental administrations can manage individual layers, defining which data is accessible at specific geolocated points.

➡ **Immersive Experiences:** Users, both remotely and physically present, can experience identical immersive interactions, accessing data seamlessly in augmented environments.

➡ **Real-Time Interaction:** The platform supports real-time communication via voice, text, or gestures, enhancing user engagement and collaboration.

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STRATEGIC OBJECTIVES

The overarching goal is to merge **augmented and virtual reality experiences** with meaningful data for citizens, administrators, and service providers. By creating a **layered, geolocated system**, this initiative aims to:

➡ **Improve Data Management:** Enable precise and customizable data access, enhancing transparency for citizens.

➡ **Ensure Equal Access:** Make remote interactions identical to physical ones, fostering equitable access to public services.

➡ **Enhance Collaboration:** Provide a unified system for administrations and businesses to communicate and collaborate efficiently.

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