



# GIS Working Group: 2026 Objectives & Key Results (OKRs)

**Objective:** Release a stable "working beta" of the Gaia toolchain.

**Key Result (Definition):** Deployable version with no workflow breaking bugs and a stable PostgREST API layer.

**Scope:** Priority on core functionality (ingestion, pipeline execution); connectors are secondary.

**Target Timeline:** Early May 2026

*(Rationale: Allows summer testing ahead of October OHDSI Global Symposium).*

**Objective:** Ensure location\_history and external\_exposure tables meet forthcoming OHDSI extension requirements

**Key Deliverables:** Extension tables and associated documentation and tooling that meet formal requirements

**Scope:** DQD Checks - SQL/R checks for new tables, transformation examples incl documented workflow to external\_exposure, analytical tools built on extension tables.

**Target Timeline:** June 2026

**Objective:** Demonstrate a reproducible workflow using GIS data within the OHDSI stack.

**Key Result:** Workflow established using CaprForExtensions and featureExtractionForExtensions packages

**Dependency:** Synthetic data (environmental and socioeconomic factors linked to respiratory disease) posted to GIS repo.

**Target Timeline:** Present at OHDSI Europe, Expand to Showcase at OHDSI Global

**Objective:** Validate the entire workflow with real-world data across multiple sites

**Significance:** Pilot completion is essential proof-of-value for a strong GIS manuscript

**Potential Data Sources:** CHoRUS (Bridge2AI): Centralized multi-site access, MUSC/VA Rural Program (Strong candidate), CODATA: Real-world sensor data (Dhaka/Douala)

**Target Timeline:** October 2026