

COMPANY & SOLUTION PROFILE

Satellite intelligence for city decisions

Smart City Open Innovation Challenge 2026

Kolibree-Tech is an Italian technology company specialising in Earth Observation, artificial intelligence and geospatial intelligence. We develop **XSensee**, our proprietary platform for analysing satellite imagery and territorial data.

XSensee produces mapped features and analytical indicators for urban planning, environmental assessment and infrastructure management. Public authorities and asset operators can use these outputs alongside reference records and local knowledge to review their territory and plan further action.

WHAT WE BRING

Proprietary satellite image analysis

Our technology combines AI analysis and proprietary super-resolution for selected satellite imagery workflows, including Sentinel-2 applications.

Applications linked to a territorial decision

The selected workflow connects the area of interest with a specific question, suitable observations and the outputs needed for assessment.

Mapped results with a defined scope

Outputs are agreed around available data, observation dates and validation criteria. Local reference information supports interpretation and verification.

WHO WE WANT TO MEET

Municipalities, utilities, infrastructure operators, environmental organisations and geospatial integrators with a concrete territorial challenge or a complementary solution.

COLLABORATION OPPORTUNITIES

Focused pilots, product integration projects and commercial partnerships. We contribute XSensee analytical workflows and satellite-data expertise to a jointly defined use case.

SELECTED APPLICATIONS

Outputs for urban decisions

Choose the application around the decision and territory you need to assess.

APPLICATION	AVAILABLE OUTPUTS	DECISION SUPPORTED
Urban intelligence	Building footprints and available attributes in their neighbourhood context.	Inventory review and targeted record checks.
Urban climate	Surface heat patterns and vegetation information for selected observations.	Areas to prioritise for detailed heat assessment.
CertiCity	Urban green coverage, land cover and soil sealing indicators.	Greening priorities and land-use assessment.
Infrastructure intelligence	Corridor context and geospatial observations from selected workflows.	Technical review and inspection planning.
Solar asset mapping	Candidate existing PV installations and visible installation extent.	Verification of territorial solar inventories.
Coastal assessment	Historical water indicators, sea surface salinity and temperature.	Environmental baselines and sampling priorities.

A FOCUSED FIRST DISCUSSION

Bring your target territory and the decision you need to support. Together, we can review the available reference data, agree the analytical outputs and define how to validate the results.

Request a meeting through the Kolibree-Tech organisation profile.