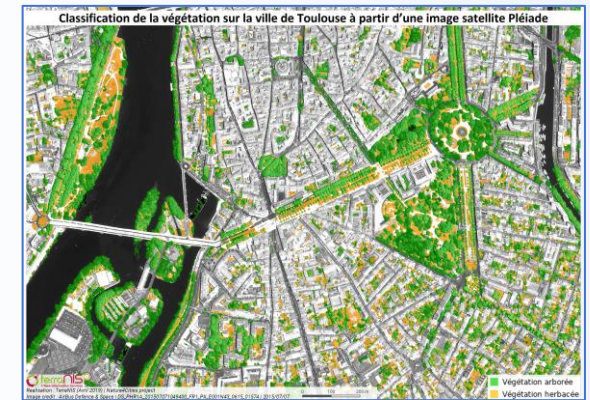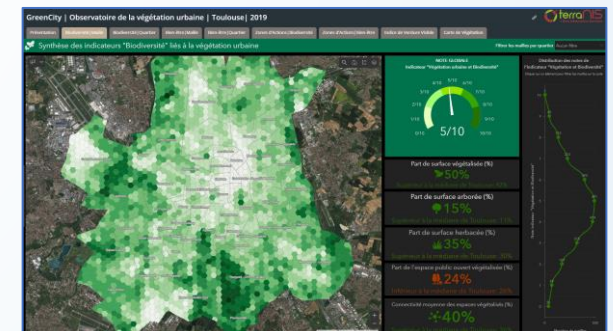# Greencity

11 SUSTAINABLE CITIES AND COMMUNITIES

- User: Cities and public entities
- Challenge/Needs: Urban growth monitoring for sustainable use of land. Indicators of the vegetation state and components in the cities and public entities, tool to help urban vegetation planning.
- Initiative: We provide indicators and dashboards to evaluate the biodiversity and well being of cities and give action tools for cities to take concrete actions and measure the impact. Greencity is based on satellite imagery and local open data.
- Results: Greener cities, preservation of biodiversity in cities, improvement of urban citizens well-being.
  - Benefits: (i) Follow a wide variety of customized indicators to characterize and analyse urban biodiversity (ii) Get a one-stop shop for all green-related data in a given territory (iii) Update, change, replace all or some indicators over time if needed
  - Impact: (i) Define high-priority action areas (ii) Allocate restricted resources to the relevant zones (iii) Work retroactively to analyse real impact of past projects (iv) Get actionable and justified data to craft future projects (v) Communicate and collaborate effectively across departments and functions
- Scalability: (i) Clear market focus (ii) Highly repeatable solution (iii) Unique market differentiation
  - Service Provider: TerraNIS

Target 11.3: By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries.

Low and hight vegetation over a city based on satellite imagery

Example of biodiversity vegetation dashboard

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http://www.terranis.fr/en/environment-territories-greencity/