

Reference

Atos empowers urban and smart biodiversity planning for European Government Entity



Atos

About the client

The client was a consortium of Dutch provincial governments that were responsible for ecological planning, environmental compliance, and sustainable development across the Netherlands. They manage biodiversity data and ensure alignment with national and EU conservation goals.

At a glance

Dutch provinces appoint Atos to accelerate urban planning while protecting biodiversity and adhering to conservation compliance goals – cutting permit delays and enabling nature-inclusive growth.

Outcomes

- **40% faster permit approvals** through early species detection
- **Protected Natura 2000 habitats and endangered species**
- Enabled nature-inclusive urban zoning and green corridors
- Improved compliance, stakeholder trust, and planning efficiency

Challenges

Assessing ecological impacts

The client was under growing pressure to accelerate urban development while meeting strict biodiversity protection mandates. Legal obligations under the Nature Conservation Act required early identification of protected species, but existing processes were slow, fragmented, and risked non-compliance.

The client needed a smarter, faster solution to assess ecological impact before construction began – one that would reduce delays, ensure legal adherence, and support their vision for sustainable, nature-inclusive growth aligned with national and EU conservation goals.

Solution

Leveraging Atos' scalable BeSI platform

Atos delivered the **Benthic Protected Species Indicator (BeSI)** platform – a powerful, intuitive tool that enables early detection of protected species in development zones. By integrating ecological intelligence with spatial planning workflows, BeSI empowers provincial authorities to make informed decisions quickly and confidently.

Atos not only overcame challenges in data harmonization and usability but delivered a scalable solution aligned with national conservation standards. The result was accelerated planning, reduced risk, and a future-ready platform that supports biodiversity and sustainable development.

Results

Protecting what matters the most

BeSI **transformed ecological planning** for Dutch provinces. Permit processing times dropped by 40%, biodiversity loss was prevented, and legal compliance was ensured. The platform enabled nature-inclusive urban development, supported Sustainable Development Goals (SDGs) 11, 13, and 15, and enhanced climate resilience.

Stakeholder trust improved, collaboration between planning and environmental teams strengthened, and the provinces gained a strategic edge in sustainable growth. With Atos, the client moved faster, smarter, and greener, delivering measurable impact and long-term value.

Find out more

Atos' deep expertise in ecological data platforms and focus on sustainability was the key differentiator in the success of this project. The team's focus on a user-centric design approach enabled them to deliver a scalable solution that supports sustainability, compliance, and smart urban planning.

>> Find out how Atos' sustainable and ecological solutions are changing the future today:

Digital Applications - Atos.

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Let's start discussion together



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