



# Octa Models opens realistic environments of real places — the ground of every operation

*Ground, Water, Air and Sky of any octagon on Earth, modelled in 2D and 3D from the authorities' own data — the ecological forces behind every decision, every value with its source*

**5 October 2026** — Octa Models today opens its Ecological models: realistic environments of one octagon of real ground — from 1 to 300 km across, anywhere on Earth — built as the foundational ground on which any operation is planned, built and run. The models show the place storey by storey: the rock and soil, the water, the air and the sky above it — the ecological forces that weigh on every decision made on the ground. Each model opens in 2D and 3D, as tables and as cards, and every tab begins with the plain question it answers, such as “Which rivers, streams and ditches cross this ground, how large is each one, and which way does the water flow?”

What is known about a place sits with dozens of agencies, in different formats and scales. Octa Models reads them — the country's own authority first — and puts their answers on the same ground, under one clock and one light. Every value names the source it comes from and how it is known. Every equation is shown with its published reference: the four models open today carry 278 equations, 206 published references and 42 named data sources. Where no source exists, the model shows a dash, not a guess.

The demo place, Breda–Montseny in Catalonia, was measured against independent references rather than against itself. Its ground is read at 0.45 m a pixel from Catalonia's own LiDAR survey; the free world elevation model sits typically 4.7 m from that true ground, which is why the model reads the national survey instead. Its sun lies on average 0.15° from NASA JPL's ephemeris over every daylight hour of 2024.

Clients can bring their own layers onto the true ground, send live readings by API, and ask about their place in plain words with Ask Octa, which puts Claude inside the model. They pay once for the modelling, then a monthly subscription for the model and its data.

*“We are living through a time of drastic change, at one of the most decisive moments in the history of human evolution. Now, more than ever, the environment will set the rules of engagement. Octa Models exists so that those rules can be seen, measured and understood before anyone acts on the ground.”*

THE FOUNDER OF OCTA MODELS

Octa Models runs on Octa Intelligence, the engine of Octa HQ, and grows from more than twenty years of work that began in 2004. The Biological model of cultures — who lives on a place, and how — is in development; corridors, connectivity, hotspots and the Economic aspect follow in 2027.

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## ABOUT OCTA MODELS

Octa Models creates realistic environments of real places: the foundational ground on which any operation on Earth is planned, built and run. It models the ecological forces that weigh on every decision — the rock and soil, the water, the air and the sky — on one octagon of real ground, from 1 to 300 km across, anywhere on Earth, from the authorities' own data, in 2D and 3D. Every value names its source; where none exists, it shows a dash, not a guess. Octa Models is a fruit of Octa Intelligence, a Seed of the incubator Octa HQ.

## ABOUT OCTA HQ

Octa HQ is an incubator. It develops the methodology, services and tools that help businesses operate more independently, adapt to disruption and stay viable for the long term, through a regenerative, cooperative and sovereign model of enterprise. It grows eight Seeds — among them Octa Intelligence, the engine of Octa Models. [octahq.xyz](https://octahq.xyz)