



5. Cost, ROI & Financial Clarity

For many decision-makers, the challenge with new building solutions is not that they fail to understand the technology, but that they cannot clearly see the numbers.

5: Calculate It Yourself - Making the Business Case Visible

For many decision-makers, the challenge with new building solutions is not that they fail to understand the technology, but that they cannot clearly see the numbers. They are used to evaluating projects in terms of cost per square meter, installation cost share, build time, financing exposure, or CO₂ footprint. If a solution cannot be expressed in those terms, it remains abstract and easy to dismiss.

That is why the **Ekonod Economic Impact Calculator** is such a powerful part of the story. It transforms the benefits of decentralization into clear, project-specific financial and environmental outcomes. Instead of general claims, a developer or investor can enter their own project data and immediately see the quantified effects on cost, schedule, risk, and climate performance.

How It Works

The calculator uses a simple, transparent method based on real, measured data.

→ **Inputs include:**

- Apartment size (m²) and number of units
- Building type (timber, concrete, or steel)
- Baseline construction cost and installation share
- Construction time and financing rate
- Risk buffer and yield, with an optional “Green Premium” for ESG-aligned projects
- Energy use and CO₂ emission data from verified Ekonod benchmarks

→ **Outputs include:**

- Total construction cost (SEK/m² and total)
- Installation cost savings (SEK total and per apartment)
- Build-time financing savings (reflecting shorter project duration and lower credit exposure)
- Reduced risk buffer (from fewer cost overruns and predictable off-site production)
- Yield compression gain (showing higher asset value for ESG-secured projects)
- CO₂ savings (kg/m² and total tons saved)
- Energy cost reductions (SEK per year and over lifecycle)
- Digital readiness (Modbus and Matter-compatible) enabling automated data collection, real-time diagnostics, and transparent ESG reporting.
- Cumulative lifecycle savings (25-year comparison)

