

Real Estate Economics

Autocase Economic Advisory supports the real estate sector by combining our cloud-based software [Autocase](#) with our customized economic consulting expertise. Autocase is the economic lens for sustainable and resilient building and site design. Our team of experienced consultants have conducted economic analyses on over \$100 billion worth of projects and successful grant applications, our expertise in real estate economics is concentrated in:

Economic Analyses

- Capital Investment Planning Valuation and Prioritization
- Carbon Life Cycle Analysis
- Cross Asset Strategic Planning
- Cost Benefit Analysis (CBA)
- Econometric Modeling
- Economic Impact Analysis (EIA)
- Environmental, Social & Governance (ESG)
- Financial Life Cycle Cost Analysis
- Geospatial (GIS) Impact Evaluation
- Grant Application Support
- Life Cycle Cost Analysis (LCCA)
- Multicriteria Decision Analysis (MCDA)
- Real Estate Economic Analysis
- Regulatory Economic Analysis
- Resilience Analysis with Climate Change
- Risk Analysis

Sector Knowledge

- Carbon Life Cycle Analysis
- Decarbonization & Net Zero
- Environmental, Social, & Governance (ESG)
- Integrated Project Delivery
- Interior Environmental Quality
- LEED, WELL, Fitwel, Envision Certifications

Valuation Methods

- Ecosystem Services & Natural Capital
- Input-Output Multipliers
- Macroeconomic Indicators
- Occupant Health, Productivity & Absenteeism
- Owner Cost Savings
- Rental Premiums
- Social Cost of Carbon & Air Pollution
- Probabilistic Risk Analysis/Monte Carlo



Quantify

- Carbon & Pollutants
- Embodied Carbon
- Energy Saved
- Occupant Sick Days
- RECs/Carbon Offsets
- Water Saved



Value

- Avoided Health Costs
- Operation Cost Savings
- Reduced Absenteeism
- Regional GDP
- Social Cost of Carbon
- Utility Cost Savings



Communicate

- Case Studies
- KPIs
- Literature Reviews
- Methodology Reports
- Technical Reports
- Stakeholder Seminars

Trusted by Industry



**Rexford
Industrial**

Autocase Economic Advisory has provided robust economic analytics included in Rexford Industrial's Corporate Sustainability ESG Reports in both 2019 and 2020. The economic outcomes at the portfolio and building level of Rexford Industrial's strategic plan to renovate existing locations in infill locations in Southern California were quantified and monetized. Benefits included employee health, reduced absenteeism, reduced trucking miles from material reuse, reduced carbon and air pollution, among others.

Brookfield Properties

Autocase Economic Advisory has provided the economic lens to support Brookfield Properties Development's (BPD) sustainability investment decisions. Analyses included 5 mixed-use office-residential properties across California as well as cost benefit analyses of Livingston Urban Agriculture and Stormwater Pond in Calgary, Alberta. Results indicate that BPD's investment in occupant amenities (e.g., urban farms, green space, multi-use stormwater parks) and high performance buildings drives significant benefits to not only to their occupants and neighbouring community, but also financial savings to BPD.



Engaged by Miami-Dade County's Sustainability and Resilience Department to conduct an economic analysis demonstrating the county-wide as well as building specific benefits of Building Efficiency 305, which is a policy initiative aimed to increase energy and water use efficiency in large buildings across the county. The analysis covered 10,778 buildings, both publicly and privately owned, as well as seven building types. Autocase provided objective, third party validation of energy policy outcome projections as well as a tool for better communication to stakeholders.



Engaged to utilize economic analysis as a means to support the Carbon Neutral Buildings Roadmap aspect of the New York Climate Leadership and Community Protection Act (CLCPA) for NYSERDA. Using CBA, provided policy-makers and public stakeholders with quantified metrics to better understand the long-term value proposition of decarbonization and targeted investments under building retrofit and new construction scenarios across the State of New York.

Visit our website for more [project experience](#) and [case studies](#).

About Us

Our team of professional economists conduct rigorous, evidence-based economic analyses of the financial, social, and environmental costs and benefits of sustainable and resilient investments in the infrastructure, real estate, public policy and regulatory worlds.

Our economic analyses help you prioritize investments, understand risks, develop strategic plans, report Environmental, Social, and Governance (ESG) metrics, secure funding, communicate with stakeholders, support climate equity, and understand the holistic trade-offs of your investments and policies. We provide objective, third-party, data-driven quantitative insights to support you.



Interested in our services? Contact us at:

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