

## About Autocase

- An automated economics tool that generates results based on site or building parameters for US and Canada
- Utilizes Triple Bottom Line Cost Benefit Analysis (TBL CBA)

Sample Output from Autocase

Value by Stakeholder	
Cost or Benefit Category	Lifetime Present Value
<b>Owner</b>	
Capital Expenditure	-\$515,627
<b>Occupant</b>	
Absenteeism	\$66,200
Electricity Costs	\$603,700
Natural Gas Costs	\$532,177
Productivity	\$1,199,516
Water Costs	\$83,636
<b>Community</b>	
Air Pollution	\$680,694
Carbon Emissions	\$411,839
Social Water Value	\$334
Stakeholder Group Totals	
	Lifetime Present Value
<b>Owner</b>	-\$515,627
<b>Occupant</b>	\$2,485,229
<b>Community</b>	\$1,092,867
<b>Triple Bottom Line Value</b>	\$3,062,469

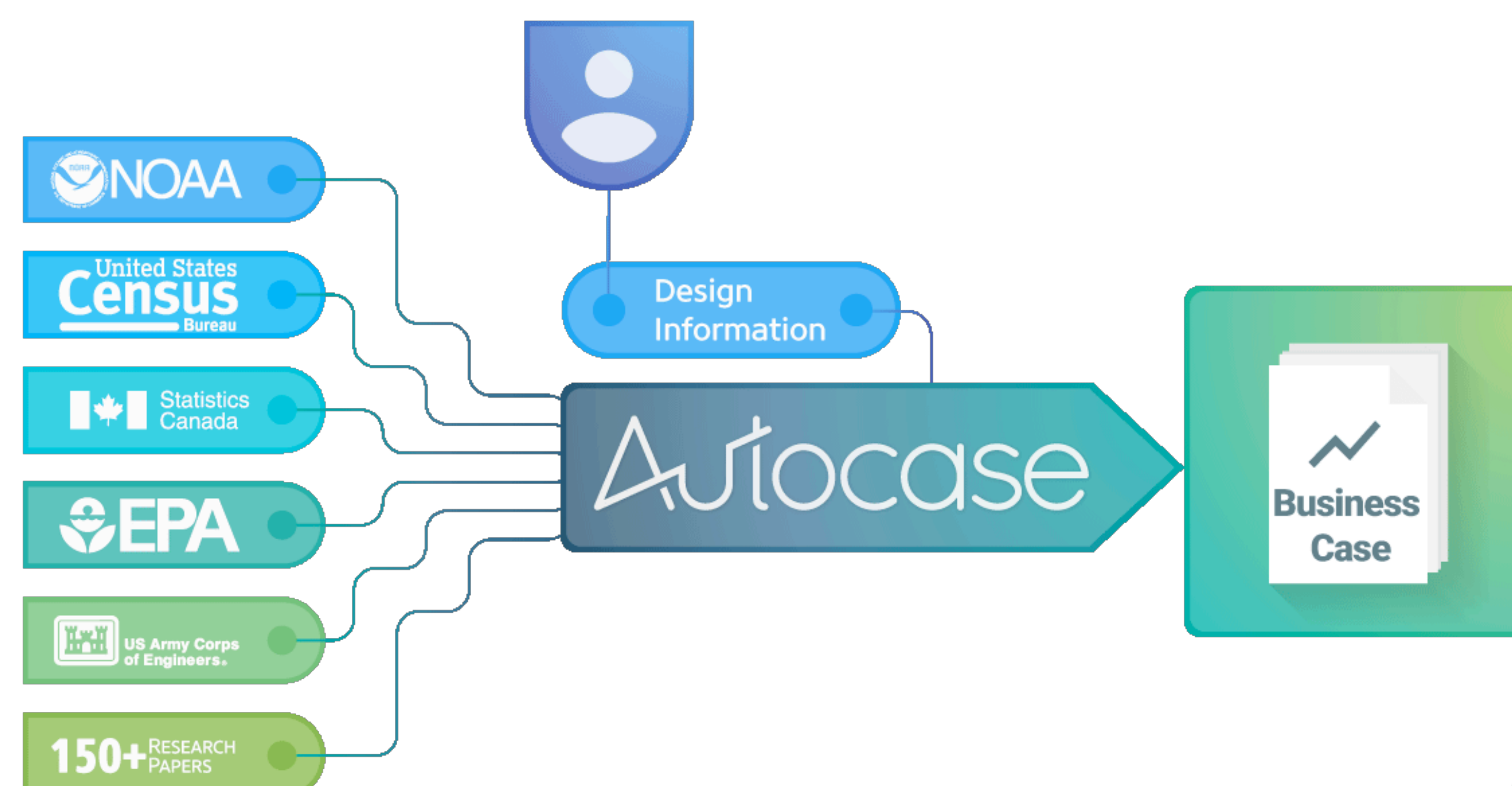
## Takeaways

- ✓ A great team dynamic and strong company culture is important
- ✓ Economics and Sustainability can work side by side to create value for project owners
- ✓ Transparency is key: people believe in sustainable impacts but require credible sources to justify it to upper management and owners



## Role + Accomplishments

- Developed economic models that monetize environmental and social impacts of building attributes
- Wrote the suggested additional language for California Energy Code (Title 24) and California Water Board Storm Water Discharge Permits for MS4s
- Assisted in the conversion of economic models into the online application, best practices for documentation, and new UI design



## Skills Learned

- Economic modeling in excel (utilizing VBA code)
- Research methods and documentation
- Python, Markdown
- Communication with developers and small team dynamic

