

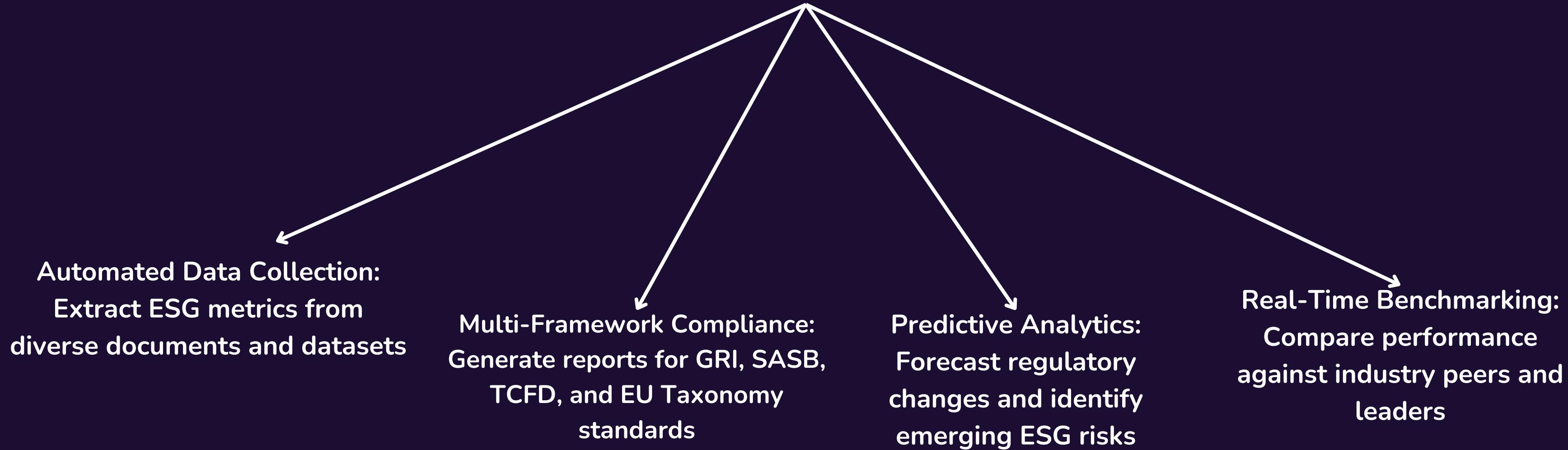
# Eco AI: AI-powered ESG Rating and Reporting Platform

## Add a subheading

*AI has become increasingly powerful, offering opportunities to tackle climate change.*

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# All About EcoAI



# Problem Statement



## 1 Time-intensive manual process (200+ hours per client)

- 200+ hours per client spent on compliance, reporting, and optimization.

## 2 Constantly evolving regulatory landscape

- Frequent policy changes create compliance challenges.
- Lack of automation leads to inefficiencies in adapting to new regulations.

## 3 Inconsistent data standards across frameworks

- Different regions and agencies have varied reporting requirements.
- Data silos make it difficult to integrate and standardize information.

## 4 Limited actionable insights from reports

- Existing reports are often complex and lack real-time recommendations.
- Decision-makers struggle to translate data into impactful actions.

# Customer Segments

Target Customer	Jobs to be Done	Pains	Gains ( What EcoAI is helping with?)
X Consulting company with 1000 employees	Generate ESG reports efficiently	Time-intensive manual processes, evolving regulations	Faster reporting, AI-driven compliance checks
Corporate Sustainability Teams ex: Tesla, Unilever	Ensure regulatory compliance and improve ESG ratings	Complexity of ESG frameworks, high costs	Streamlined reporting, predictive insights
Financial Institutions Ex: Goldman Sachs, Morgan Stanley	Assess ESG risks for investment decisions	Inconsistent ESG data, lack of standardization	Reliable ESG ratings, improved risk assessment

# Value Proposition

Customer Segment	Value Proposition
Sustainability Consulting Firms	Reduce ESG report generation time from 200+ hours to ~60 hours, allowing firms to serve 3x more clients efficiently.
Corporate Sustainability Teams	AI-driven real-time ESG scoring that adapts to evolving regulations and provides actionable insights.
Financial Institutions	Reliable ESG ratings and analytics to support sustainable investment decisions.

# Company Persona

## Green Tech Manufacturing, Inc

Before Eco AI	After Eco AI
⌚ 3 Full- Time staff	✅ 1- Part - Time Coordinator
⌚ 8+ Weeks	✅ 3 Days
⌚ 12+ Systems	✅ Single DashBoard
⌚ 73% Confidence	✅ 95% Confidence

## Real Business Impact

60%  
Reduction  
in reporting  
costs

92%  
Fewer  
compliance  
issues

15%  
Improved  
ESG Rating

# Competitive Analysis

Features	Eco AI	ESG Pro	Green Metrics	Compliance X
AI Driven ESG Rating	<span>✓</span> Advanced	<span>!</span> Basic	<span>✓</span> Good	<span>✗</span> Missing
Regulatory Compliance Automation	<span>✓</span> Comprehensive	<span>✓</span> Good	<span>✗</span> Missing	<span>✓</span> Advanced
Data Processing Automation	<span>✓</span> Advanced	<span>!</span> Limited	<span>✓</span> Advanced	<span>!</span> Basic
Real Time Regulatory Updates	<span>✓</span> Real-Time	<span>!</span> Periodic	<span>!</span> Periodic	<span>✓</span> Good
Enterprise Integration	<span>✓</span> Comprehensive	<span>✓</span> Good	<span>!</span> Periodic	<span>!</span> Limited

# Business Case

1

## Market Opportunity & Business Impact

- The global ESG consulting market is projected to reach \$53.4 billion by 2027, growing at a 25% CAGR.
- 92% of S&P 500 companies publish ESG reports, creating massive demand for efficient analysis.
- Consulting firms spend an average of 200+ hours per client on ESG report preparation.
- Recent SEC climate disclosure proposals are driving urgent need for better ESG reporting solutions.

2

## Benchmarks & Assumptions

- AI-powered automation can reduce ESG reporting time by at least 70%.
- Adoption of AI in ESG reporting will increase by 30% annually.
- 50% of sustainability consulting firms will integrate AI solutions by 2026.

3

## Riskiest Assumptions

- AI-driven ESG ratings will be widely accepted by regulatory bodies.
- Companies will be willing to replace existing manual ESG processes with AI automation.
- The platform will accurately interpret complex, evolving ESG regulations.

# Essential MVP Features

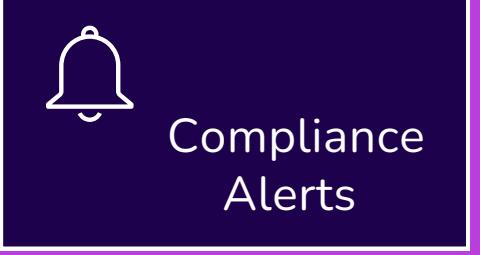
## Eco AI Core Components



User Management



ESG Analytics



Compliance Alerts

### Risk 1 : AI Regulatory Acceptance

**Assumption:** AI-driven ESG ratings will be widely accepted by regulatory bodies

#### REQUIRED FEATURES

##### Transparent AI Rating

- Rating calculation breakdown
- Methodology documentation
- Regulatory Compliance tracking

##### Developer Implementation

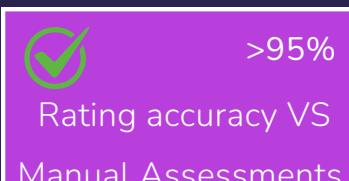
Build modular rating engine with detailed audit trails

##### Compliance Documentation

- Automated report generation
- Regulation mapping
- Version control

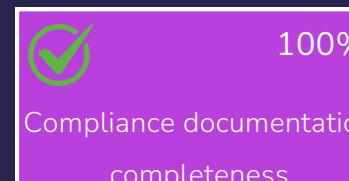
Create document management system with regulatory templates

##### Validation Metrics



>95%

Rating accuracy VS  
Manual Assessments



100%

Compliance documentation completeness



Regulatory alignment verification

### Risk 2 : Process Automation Adaption

**Assumption:** Companies will be willing to replace existing manual ESG processes with AI automation.

#### REQUIRED FEATURES

##### Automated Data Processing

- Multi-format data import
- Automated data validation
- Error correction suggestion

##### Compliance Documentation

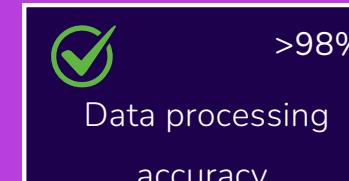
- User review interface
- Edit history tracking
- Approval workflows

##### Developer Implementation

Build data processing pipeline with validation rules.

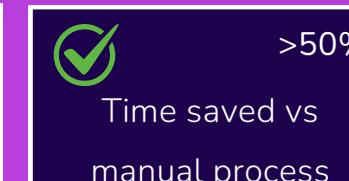
Create user interface for manual data management

##### Validation Metrics



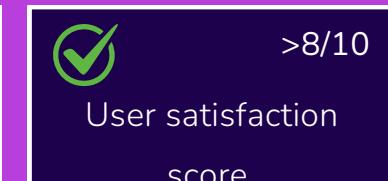
>98%

Data processing accuracy



>50%

Time saved vs manual process



>8/10

User satisfaction score

### Risk 3 : Process Automation Adaption

**Assumption:** Platform will accurately interpret complex, evolving ESG

#### REQUIRED FEATURES

##### Regulatory update Systems

- Real-time regulation monitoring
- Impact assessment
- Change notification system

##### Compliance Documentation

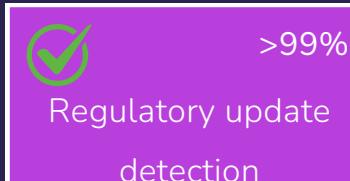
- User review interface
- Edit history tracking
- Approval workflows

##### Developer Implementation

Create regulation monitoring and update service

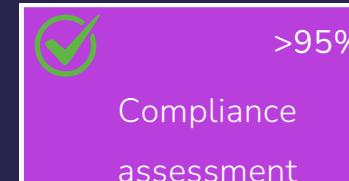
Build compliance analysis engine with rule management.

##### Validation Metrics



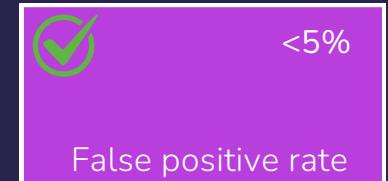
>99%

Regulatory update detection



>95%

Compliance assessment



<5%

False positive rate

# EcoAI : Feature Prioritization Matrix

Feature	Impact	Effort	Priority	Implementation Details
AI rating System	★★★	⌚ High	P0	<ul style="list-style-type: none"><li>Rating Calculation engine</li><li>Methodology documentation</li><li>Audit trail system</li></ul>
Data Processing Pipeline	★★★	⌚ Medium	P0	<ul style="list-style-type: none"><li>Multi-format import</li><li>Validation rules engine</li><li>Error handling system</li></ul>
Compliance Monitoring	★★★	⌚ Medium	P0	<ul style="list-style-type: none"><li>Status monitoring</li><li>Alert system</li><li>Compliance reporting</li></ul>
Report Generation	★★	⌚ Low	P1	<ul style="list-style-type: none"><li>Report Templates</li><li>PDF Generation</li><li>Export Options</li></ul>
Dashboard Interface	★★	⌚ Low	P1	<ul style="list-style-type: none"><li>Metrics Display</li><li>Interactive charts</li><li>User controls</li></ul>

## Priority Levels

P0 Must Have - Critical for MVP

P1 Should Have - Important but not critical for MVP

P2 Nice To Have - Can be added later for MVP

## Effort Levels

⌚ High : 4+ weeks

⌚ Medium: 2-4 weeks

⌚ Low: 1-2 weeks

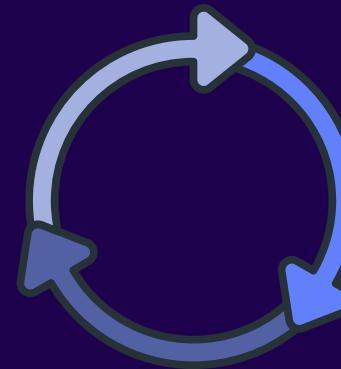
## Implementation Strategy

### Phase 1 (P0 Features)

- Focus on core AI rating and data processing
- Establish basic compliance monitoring
- Timeline: Weeks 1-6

### Phase 2 (P1 Features)

- Implement reporting system
- Develop dashboard interface
- Timeline: Weeks 7-8



# Build-Measure-Learn Plan



## Build (Week 1 - 4)

- AI generated engine
- core UI/UX
- Data Processing

Developers, Designers,  
Product Manager, AI Engineers

## Measure (week 5 - 6)

- Beta testing program
- Performance monitoring
- User feedback collection

Data Analyst, QA, UX Researcher

## Learn (week 7-8)

- Data Analysis
- Performance review
- Iteration Planning

Developers, Designers, Tech  
Lead, Product Manager, AI  
Engineers



## Team Roles

**TOTAL MVP BUDGET:**  
\$350,000

Contingency: 9%

\$185,000 (53%)

\$82,000 (23%)

\$52,000 (15%)



## Critical Path

- Data Model Completion
- API Integrations

## Testing Focus

- AI Accuracy Validation
- Time Saving Reports

## Key Decisions

- Feature Adjustments
- Scaling strategy



## Risks

## Technical

- Parallel Development
- Weekly code Reviews

## Market

- Early user Feedback
- Regulatory Consultation
- Competitor Analysis

## Resource

- Backup team (dev, designers)
- Vendor Alternatives
- Scaled rollout Plan

# EcoAI Interactive Demo: Transforming ESG Reporting

[Figma Demo](#)

AI Solutions for a Sustainable Future

*"Harnessing artificial intelligence to protect and preserve our planet"*

**Watch Demo**

**Ai-Powered ESG Reporting**

*Showcases your core value proposition of reducing reporting time from 200+ hours to just 60 hours (70% efficiency improvement)*

**Intelligent ESG Integration & Analytics**

*Transform complex multi-framework compliance into actionable intelligence with real-time monitoring and predictive insights.*

**Transparent AI Rating System**

*Features your ethical approach with complete calculation breakdowns and documented methodologies*

# Datastax Langflow: A Real-World Application

## Connecting the Nodes

[Datastax Demo](#)

Flow Path: The nodes are connected in a sequence, ensuring that data flows from one step to the next:

User input → 2. Prompt preparation → 3. AI processing via provider → 4. Formatted output to user

Real-Time Interaction: Once connected, this flow allows for real-time interaction with the AI agent. The user chats, the prompt prepares the input, the AI generates the output, and the final response is provided to the user.

## Playground and AI Agent in Action

Playground: This is likely the user interface (UI) where you can test the chat interactions. When you "start chatting," the system becomes interactive, simulating a conversation between the AI Agent (AI-powered system) and the User.

AI Agent vs. User:

AI Agent: Responds based on the input it receives and the structure of the prompt.

User: Provides input to start the conversation or make a query, which is processed and answered by the AI.

# Testing Plan

Method	Purpose	When to use
Surveys	Understand ESG reporting challenges	Before Building MVP
Beta Testing	Validate AI accuracy with real data	During MVP Development
A/B Testing	Compare Features effectiveness	Test Different Rating Algorithms
Usability Testing	Evaluate Interface Intuitiveness	With Sustainability Professionals
Time- Motion Studies	Measure Efficiency improvements	Compare against manual Processes

# Success Metrics

- 90% Users find AI ratings accurate vs. manual assessment
- 85% Report time savings of 50% or more
- 75% Complete core tasks without training
- 70% Express willingness to pay for full solution
- 95% Compliance accuracy with regulatory requirements
- 60% Beta participants continue using after trial period
- 80% Report improved visibility into ESG performance

## Plan For Iteration Future Enhancements

- Advanced Analytics & Predictive Capabilities
- Enterprise System Integration
- Industry-Specific Modules

# Revenue

## MVP Launch Strategy

**Early Adopter Program**  
**\$ 75,000** per year  
Our core subscription that includes:

- AI-driven ESG rating system
- Compliance automation
- Data processing
- Reporting dashboard

**Limited to 10 clients during MVP phase**

**Implementation**  
**\$ 25,000** One Time  
Required setup services including:

- Data integration
- System configuration
- User training
- 90-day launch support

**All clients must purchase implementation**

**First 5 Customers**  
**25% Off** subscription (\$56,250/year)  
Special benefits including:

- Discounted annual subscription
- Product roadmap influence
- Monthly feedback sessions
- Early access to new features

**Still requires \$25,000 implementation fee**

# Cost Comparison

## Traditional Model vs. EcoAction AI

Traditional Approach	EcoAction AI Approach
<b>Personnel Costs</b> <ul style="list-style-type: none"><li>• ESG Director (1 FT) \$180,000</li><li>• ESG Analysts (2 FT) \$220,000</li><li>• Data Specialists (1 FT) \$95,000</li><li>• Legal Consultants \$75,000 (part-time)</li></ul> <b>Total</b> \$570,000	<b>Personnel Costs</b> <ul style="list-style-type: none"><li>• ESG Director (1 FT) \$180,000</li><li>• ESG Analysts (1 PT) \$55,000</li></ul> <b>Total</b> \$260,000
<b>Software &amp; Systems</b> Includes compliance errors, Missed opportunities, Lost Productivity <b>Total</b> \$395,000	<b>EcoAction AI Platform</b> Annual Subscription, Implementation and support & Maintenance <b>Total</b> \$175,000

## Cost Analysis Summary

**Traditional Cost**  
**\$1,185,000**  
Including Hidden costs

**Eco AI Cost**  
**\$435,000**

**Annual Savings**  
**\$745,000**

FYI- All these Numbers (related to Salary) are taken from Job portals

FT- Full Time  
PT- Part Time

# THANK YOU!

ANY  
QUESTIONS?