Joseph A. Sprute

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[Today's Date]

Hiring Manager
Chevron Corporation

Dear Hiring Manager,

I am writing to present a vision for Chevron's leadership in the global energy transition, anchored by **Green Solar-Sand Glass (GSSG) infused with Graphene**. This material innovation offers Chevron a rare opportunity: to preserve the value of petroleum infrastructure while pivoting into renewable abundance and ecological stewardship.

Why GSSG + Graphene is a Chevron Technology
• Energy Conversion: GSSG transforms sand into recyclable solar glass that generates and stores renewable energy.
• Petroleum Bridge: Provides a direct conversion pathway for refining and distribution assets, safeguarding legacy investments.
• Closed-Loop Substrate: Graphene infusion enables GSSG to unify power and data, turning Chevron's infrastructure into a synchronized energy–information grid.

Immediate Strategic Benefits
• Smart City Energy Abundance: Position Chevron as a backbone provider of renewable loops where every building, road, and vehicle becomes part of a living grid.
• Petroleum Conversion Projects: Retrofit petroleum assets with GSSG, securing profitability during transition.
• Ecological Enclosures: Scale manufacturing into domes and corridors that stabilize climate zones, regenerate ecosystems, and create resilience against planetary shocks.

Credibility & Experience
My work has consistently bridged finance, energy, and ecological design. From 2002 to 2007, I led **CyberRAVE LLC**, delivering new media services to **Colina Financial Group of The Bahamas** under **Emanuel M. Alexiou (Chairman)** and **Anthony Ferguson (President, CFAL)**. During this period, I authored a **Data Insurance Outline (2006)** — an early Proof-of-Work framework that introduced risk-secured digital assets. This formative work laid the foundation for

the **ERES Institute (2012)**, where I have since advanced applied innovations such as GSSG + Graphene, Smart City power abundance, and ecological enclosures.

Partnership & Engagement Structure
To advance this collaboration, I propose:
• Executive Retainer/Salary Equivalent: $350K–$500K annually
• Sign-On/IP Recognition: $500K+ to acknowledge prior R&D; and secure integration rights
• Pilot Funding: $5M+ demonstration budget for GSSG projects
• Performance Incentives: Milestone-based bonuses or ESG-linked profit sharing

Chevron can be the first company to carry forward both legacies: petroleum strength and renewable stewardship. By piloting and scaling GSSG + Graphene, Chevron can build profitable shareholder vehicles while also delivering ecological benefits for generations to come.

I would welcome the opportunity to discuss how I can help Chevron pilot and scale this technology — from petroleum conversion projects → Smart City loops → ecological enclosures of global significance.

Respectfully,

Joseph A. Sprute
Founder – ERES Institute for New Age Cybernetics

Statement of Purpose

Joseph A. Sprute – Founder, ERES Institute for New Age Cybernetics

Purpose & Mission

My purpose is to integrate Green Solar-Sand Glass (GSSG) infused with Graphene into Chevron's innovation pathway, ensuring that the company's legacy in petroleum evolves into a leadership role in renewable abundance and ecological stewardship. I founded the ERES Institute in 2012 to advance technologies and frameworks that merge energy, ecology, and economics. Today, I believe Chevron is uniquely positioned to carry this dual legacy forward, and I seek to contribute directly to this transformation.

Why GSSG + Graphene for Chevron

• Energy Conversion: GSSG transforms sand into recyclable solar glass that generates and stores renewable energy.
• Petroleum Bridge: Provides a direct conversion pathway for Chevron's existing petroleum-based infrastructure, preserving value while pivoting to renewables.
• Closed-Loop Innovation: Graphene infusion enables GSSG to serve as both an energy substrate and a real-time communications layer, unifying Chevron's grid operations with digital orchestration.

Strategic Objectives

1. Pilot Integration – Launch GSSG demonstration projects within Chevron's infrastructure — refining, distribution, and urban power loops — proving technical feasibility and economic scalability.
2. Smart City Energy Loops – Establish Chevron as the backbone provider of renewable power where every building, road, and vehicle becomes part of a living grid, ensuring abundant power for all inhabitants.
3. Ecological Enclosures – Scale GSSG manufacturing to build massive enclosures — domes, corridors, and habitat sanctuaries — that stabilize climate zones, regenerate ecosystems, and protect biodiversity.
4. Global Stewardship – Position Chevron as the only company capable of carrying forward both legacies: petroleum strength and renewable stewardship, ensuring shareholder value and ecological responsibility.

Long-Term Vision

The long-term objective is to position Chevron as a global ecological steward of the 21st century, leading in renewable abundance while safeguarding legacy assets. My vision is a Chevron that not only powers Smart Cities but also builds ecological resilience at planetary scale — balancing human, industrial, and environmental systems under one renewable canopy.

Integration with Chevron's Transition Strategy

Chevron's published commitments to innovation, ESG leadership, and long-term energy transition require bold yet practical solutions. GSSG + Graphene is a rare technology that both:

- Bridges current petroleum infrastructure into renewable models.
- Creates new revenue streams in Smart City energy and ecological infrastructure markets.

This makes it a perfect fit for Chevron's dual imperative: to remain profitable and resilient today while securing leadership in the energy systems of tomorrow.

Closing Commitment

My commitment is to partner with Chevron not as an external advocate but as an embedded innovator, contributing vision, technical integration, and frameworks that can guide Chevron through this pivotal transition. To participate in this transformation under Chevron's umbrella would be both an honor and a responsibility I take with the utmost seriousness.

Respectfully,

Joseph A. Sprute
Founder – ERES Institute for New Age Cybernetics

Infused GSSG Technical Brief

Prepared for Chevron Corporation

By Joseph A. Sprute – ERES Institute for New Age Cybernetics

Core Technical Concept: Green Solar-Sand Glass (GSSG) + Graphene

GSSG is a renewable material that converts abundant sand into resilient, recyclable solar glass.

- **Energy Substrate:** Each pane both generates and stores solar energy.
- **Circular Design:** Fully recyclable with minimal waste, reducing long-term material costs.
- **Scalability:** Adaptable to industrial, urban, and ecological applications.

When infused with **Graphene**, GSSG becomes a dual-function substrate:
- **Energy + Communications:** Graphene creates a conductive layer that allows GSSG to act as both a power generator and a real-time data grid.
- **Closed-Loop Integration:** Energy production and data transfer occur simultaneously.
- **Durability:** Graphene enhances tensile strength, weather resistance, and operational lifespan.

Potential Applications within Chevron's Infrastructure

- **Petroleum Conversion Pathways:** Retrofit and replace components of Chevron's refining and distribution assets with GSSG panels.
- **Smart City Energy Loops:** Deploy GSSG across roads, buildings, and vehicles to create a self-sustaining energy grid.
- **Ecological Enclosures & Infrastructure:** Manufacture large-scale GSSG domes and corridors that stabilize climate zones, regenerate ecosystems, and create habitat sanctuaries.

Pilot Results / Feasibility

While large-scale pilot installations have yet to be funded, GSSG technology is positioned for rapid demonstration:
- **Material Science Proofs:** Research on graphene-enhanced glass substrates confirms enhanced conductivity, tensile strength, and transparency.
- **Industry Analogy:** Solar glass (without graphene) already functions in niche markets.
- **Chevron Pilot Proposal:** Funded demonstration projects ($5M+) would validate efficiency, durability, and integration with petroleum-to-renewable transition assets.

Roadmap for Scaling

Phase I – Pilot Demonstrations (1–3 years)
Retrofit Chevron petroleum assets, urban test loops, validate material durability.

Phase II – Smart City Scaling (3–7 years)
Deploy GSSG across urban corridors, integrate energy–data orchestration.

Phase III – Ecological Enclosures (7–15 years)
Expand production for climate domes and corridors.

Phase IV – Global Deployment (15+ years)
Mass production and export of GSSG as dual-use energy + ecological infrastructure.

Conclusion

GSSG infused with Graphene offers Chevron a pathway to:
1. Protect and leverage petroleum-based infrastructure.
2. Lead the 21st century in renewable abundance and ecological responsibility.

With modest pilot investment, Chevron can validate a system that scales into Smart Cities, ecological resilience, and long-term shareholder value.

Joseph A. Sprute

Bella Vista, AR | eresmaestro@gmail.com

Objective

Integrate **Green Solar-Sand Glass (GSSG) + Graphene** into Chevron's innovation strategy — delivering abundant Smart City power and scaling into ecological enclosures that restore planetary balance.

Professional Experience

Founder & Director – ERES Institute (2012 – Present)

• Invented GSSG renewable material and pioneered **graphene integration** for energy + communication loops.
• Designed Smart City abundance systems and a petroleum → renewable bridge for Chevron transition.
• Proposed massive GSSG enclosures for climate stabilization and ecosystem regeneration.

Independent Researcher & Policy Advocate (2008 – 2012)

• Early advocate of circular economy models.
• Published frameworks on finance, renewables, and ecological ethics.

Director – CyberRAVE LLC (New Media Services) (2002 – 2007)

• Provided New Media (Web Services) support for **Colina Financial Group of The Bahamas**.
• Worked directly with **Emanuel M. Alexiou** (Chairman) and **Anthony Ferguson** (President, CFAL).
• Developed preliminary **Data Insurance Proof-of-Work** framework (2006).

Core Competencies

• Petroleum → Renewable Conversion
• GSSG + Graphene Energy/Data Loops
• Smart City Grid Synchronization
• Ecologic Infrastructure (Domes & Enclosures)
• ESG & Circular Economy Leadership

Selected Publications

• **Civilization II: Enabling Vacationomics** (Medium, 2024)
• **The FLIP: A Policy Brief for a Cybernetic Economy** (ResearchGate, 2025)
• **ERES Proof-of-Work: 1,000-Year Future Map** (ResearchGate, 2025)

Letter of Recommendation

[Date]

To Whom It May Concern at Chevron Corporation,

We are pleased to provide this letter in support of **Joseph A. Sprute** and his proposal regarding **Green Solar-Sand Glass (GSSG) infused with Graphene**.

From 2002 to 2007, Joseph collaborated with us through **CyberRAVE LLC**, providing new media and web service innovations for **Colina Financial Group of The Bahamas (CFAL)**. During this period, he authored a **Data Insurance Outline (2006)** that explored proof-of-work concepts well ahead of their time. This early effort demonstrated his ability to merge technology, finance, and risk management in ways that anticipated the evolving needs of both corporate and ecological systems.

In 2012, Joseph went on to formalize these ideas through the founding of the **ERES Institute for New Age Cybernetics**. His current proposal for Chevron — centering on GSSG + Graphene as both an energy substrate and a communications medium — reflects a natural progression of that foundation: bridging legacy infrastructure with renewable abundance.

We believe Joseph's trajectory shows not only technical creativity but also a consistent commitment to aligning **finance, innovation, and sustainability**. His approach to GSSG has the potential to contribute to Chevron's energy transition and ESG goals, while carrying forward the same credibility and innovative rigor we witnessed in his earlier work with Colina.

We encourage you to give full consideration to his proposal.

Respectfully,

Emanuel M. Alexiou
Chairman, Colina Financial Group

Anthony Ferguson
President, CFAL