



F10: DAOs ...

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F10: DAOs ❤️ Cardano



## SolarGate DAO // Cardano Renewable Energy Social Business // Empowering Communities with Solar Energy Solutions powered by @energiasocial editado



Usted

07/11/2023 02:00 PM · Idea #24786 · Puntos de vista 80

**Answer:**

Inefficient management of a renewable energy enterprise and administration of economic results, hindering transparency and stakeholder participation.

[+ Agregar etiquet...](#)[blockchain](#)[business](#)[cardano](#)[collaboration](#)[dao](#)[enterprise](#)[infrastructure](#)[smart-contract](#)**[GENERAL]** Name and surname of main applicant**Answer:**

Guillermo Lucero

**[GENERAL]** Email address of main applicant**Answer:**

guillermo.lucero@energiasocial.co



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[GENERAL] Requested funds in ada

**Answer:**

75000

[GENERAL] Please specify how many months you expect your project to last (from 2-12 months)

**Answer:**

9

[GENERAL] Please indicate if your proposal has been auto-translated into English from another language.

**Auto-translated?**

No

[GENERAL] Summarize your solution to the problem (200-character limit including spaces)

**Answer:**

Create a DAO and decentralized governance model for transparent management and stakeholder participation in our renewable energy social enterprise operations and economic result administration.

[GENERAL] Website/ GitHub repository, or any other relevant link

**Link**

<https://energiasocial.co>

**Link 2**

<https://www.linkedin.com/company/energiasocial>

**Link 3**

<https://txpipe.io>

[GENERAL] Does your project have any dependencies on other organizations, technical or otherwise?

**Answer:**



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[GENERAL] If YES, please describe what the dependency is and why you believe it is essential for your project's delivery. If NO, please write "No dependencies." .

**Answer:**

@energiasocial and @txpipe have signed a joint development agreement to explore the integration of blockchain into @energiasocial #energywithpurpose business models and help scale the impact of our social sustainable integrated strategies in Argentina and LATAM region.

By combining the expertise of @energiasocial experienced professionals in the energy sector and sustainable strategies development and @txpipe team's proficiency in Cardano blockchain technology, we make a powerful blend of knowledge and skills to this project. Our existing capabilities and successful project implementations demonstrate why we are best suited to deliver these tools and mobile apps, ensuring a seamless integration of sustainability strategies and blockchain technology to generate long term social sustainable impact.

<https://txpipe.io/>

<https://www.linkedin.com/company/txpipe/>

[https://twitter.com/txpipe\\_tools](https://twitter.com/txpipe_tools)

<https://github.com/txpipe>

[GENERAL] Will your project's output/s be fully open source?

**Answer:**

Yes

[GENERAL] If NO, please describe which outputs are not going to be open source. If YES, please write "Project will be fully open source."

**Answer:**

Project will be fully open source.

[METADATA] Category of proposal

**Answer:**

DAO

**SDG rating:**

SDG Rating for the Proposal:

1. Sustainable Development Goal: Affordable and Clean Energy (SDG 7)
  - a. Sub-goal: Increase the share of renewable energy in the global energy mix
  - b. KPI: Percentage of energy generated from renewable sources
2. Sustainable Development Goal: Decent Work and Economic Growth (SDG 8)
  - a. Sub-goal: Promote sustained, inclusive, and sustainable economic growth
  - b. KPI: Job creation in the renewable energy sector
3. Sustainable Development Goal: Industry, Innovation, and Infrastructure (SDG 9)
  - a. Sub-goal: Enhance infrastructure and upgrade technology for sustainable development
  - b. KPI: Investment in renewable energy infrastructure development
4. Sustainable Development Goal: Climate Action (SDG 13)
  - a. Sub-goal: Combat climate change and its impacts
  - b. KPI: Reduction in greenhouse gas emissions through the use of renewable energy sources
5. Sustainable Development Goal: Partnerships for the Goals (SDG 17)
  - a. Sub-goal: Strengthen global partnerships for sustainable development
  - b. KPI: Collaboration with stakeholders, including local communities and government bodies, in the governance and decision-making processes of the renewable energy social enterprise

The proposal aims to address these SDGs by:

- Providing affordable and clean energy through the sale and commercialization of renewable energy.
- Creating job opportunities in the renewable energy sector, contributing to decent work and economic growth.
- Promoting sustainable economic growth by investing in renewable energy infrastructure.
- Mitigating climate change by reducing greenhouse gas emissions through the use of renewable energy sources.
- Fostering partnerships and collaboration with stakeholders to ensure inclusive and sustainable development.



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ices, climate change mitigation, and inclusive decision-making processes. The mentioned KPIs will help track the progress and impact of the project in achieving these goals.

### [IMPACT] Please describe your proposed solution.

#### **Answer:**

Our proposed solution aims to address the problem of inefficient management of a renewable energy social enterprise and the administration of resources generated by the economic results of energy sales and commercialization. We perceive this problem as a hindrance to transparency and stakeholder participation in decision-making processes, which can impact the long-term sustainability and social impact of the enterprise.

To tackle this problem, we propose the creation of a Decentralized Autonomous Organization (DAO) and a decentralized governance model. This approach allows for a transparent and inclusive system where stakeholders, including token holders, community members, and relevant government bodies, can actively participate in the management and decision-making processes of the enterprise. The DAO will be governed by smart contracts and consensus mechanisms, ensuring efficiency, transparency, and accountability.

To engage stakeholders, we will establish online forums and platforms that facilitate open discussions, idea sharing, and collaboration. We will actively seek feedback and suggestions from token holders and community members to continuously improve the governance model and decision-making processes.

To demonstrate the impact of our solution, we will track and report key performance indicators (KPIs) such as:

1. Percentage of energy generated from renewable sources, showcasing our contribution to SDG 7 (Affordable and Clean Energy).
2. Number of job opportunities created in the renewable energy sector, demonstrating our commitment to SDG 8 (Decent Work and Economic Growth).
3. Investment in renewable energy infrastructure development, aligning with SDG 9 (Industry, Innovation, and Infrastructure).
4. Reduction in greenhouse gas emissions, highlighting our contribution to SDG 13 (Climate Action).
5. Collaboration and partnerships with stakeholders, illustrating our commitment to SDG 17 (Partnerships for the Goals).



demonstrate our impact and transparency.

By adopting a DAO and decentralized governance model, we empower stakeholders, promote transparency, and ensure the long-term sustainability and positive social impact of our renewable energy social enterprise.

Our renewable energy social enterprise approach stands out for its utilization of a DAO format, which represents a unique and innovative model in the energy business spectrum. It brings together the principles of sustainability, community engagement, and decentralized decision-making, creating a paradigm shift in how large-scale energy projects are owned and controlled.

By adopting a DAO format, our renewable energy social enterprise will offer the following key benefits:

1. Decentralized Ownership and Control: The DAO structure allows for a distributed ownership model, enabling individuals from the Cardano community and beyond to become token holders and have a direct say in the governance and decision-making processes. This decentralized ownership ensures that the enterprise is driven by the collective wisdom and interests of its stakeholders.
2. Transparent and Inclusive Governance: The DAO model ensures transparency by leveraging blockchain technology and smart contracts. This transparency fosters trust among stakeholders as they can track resource allocation, financial performance, and project milestones in real-time. Moreover, the inclusive decision-making process allows token holders to actively participate and contribute to the direction and growth of the enterprise.
3. Social and Environmental Impact: The renewable energy social enterprise, owned and controlled under a DAO format, will have a substantial positive impact. It will contribute to the transition towards clean energy, reduce greenhouse gas emissions, and create job opportunities in the renewable energy sector. By integrating social and environmental goals into its governance, the enterprise will align economic success with sustainable development.
4. Empowering the Cardano Community: The adoption of a DAO format for the renewable energy social enterprise is significant for the Cardano community and ecosystem. It showcases the practical application of Cardano's underlying blockchain infrastructure, highlighting its capabilities beyond the financial sector. This demonstrates the potential for Cardano to facilitate decentralized governance and social im-



In summary, our renewable energy social enterprise's unique approach as a large-scale energy business owned and controlled under a DAO format represents a disruptive shift in the energy industry. It offers decentralized ownership, transparent governance, social and environmental impact, and empowers the Cardano community. This approach not only aligns with the values and vision of Cardano but also sets a precedent for future sustainable and community-driven projects within the Cardano ecosystem.

**[IMPACT] How does your proposed solution address the challenge and what benefits will this bring to the Cardano ecosystem?**

**Answer:**

Our proposed solution addresses the challenge of inefficient management and lack of stakeholder participation in the renewable energy social enterprise. By implementing a DAO and decentralized governance model, it brings several benefits to the Cardano ecosystem:

1. Decentralization and Community Engagement: The DAO format empowers token holders from the Cardano community to actively participate in the governance and decision-making processes of the renewable energy social enterprise. This fosters a sense of ownership, engagement, and collaboration within the community.
2. Transparent and Trustworthy Governance: Leveraging blockchain technology and smart contracts, the DAO ensures transparency, accountability, and auditable transactions. This enhances trust among stakeholders and strengthens the integrity of the Cardano ecosystem.
3. Social and Environmental Impact: The project's focus on renewable energy contributes to Cardano's sustainability goals and aligns with its vision of a greener future. The social and environmental impact of the renewable energy social enterprise will showcase Cardano's commitment to responsible and sustainable practices.
4. Expansion of Cardano's Use Cases: The implementation of a DAO for a renewable energy social enterprise expands the range of use cases for Cardano beyond the financial sector. It demonstrates the versatility and adaptability of Cardano's blockchain infrastructure, attracting new users and fostering ecosystem growth.



- Increased Community Participation: The project will attract stakeholders who are interested in sustainable and community-driven initiatives. A quantifiable measure could be the number of active token holders and participants in the DAO's decision-making processes.
- Growth of Cardano's Environmental Impact: By generating renewable energy and reducing greenhouse gas emissions, the project will contribute to Cardano's environmental sustainability goals. This impact can be quantified by tracking the volume of energy produced and the corresponding reduction in carbon emissions.
- Expansion of Cardano's Ecosystem: The successful implementation of a DAO for a renewable energy social enterprise will attract attention and potentially inspire similar projects within the Cardano ecosystem. This growth can be measured by assessing the number of new projects and initiatives that adopt a DAO and decentralized governance model.

While it is challenging to provide specific numbers for user adoption or transaction volumes without more detailed project specifics, the project's impact can be qualitatively assessed by its ability to engage the community, foster sustainability, and expand the use cases within the Cardano ecosystem.

### [IMPACT] How do you intend to measure the success of your project?

#### **Answer:**

Measuring the success of our project will involve a combination of quantitative and qualitative metrics. Here's a detailed description of how we will measure the project's success and its benefits for the Cardano ecosystem:

1. Community Engagement:
  - a. Quantitative: Measure the number of token holders actively participating in DAO governance, the percentage of token holders voting on key decisions, and the growth rate of token holders over time.
  - b. Qualitative: Conduct surveys or feedback sessions to gauge the satisfaction and engagement levels of token holders and community members.
2. Renewable Energy Impact:
  - a. Quantitative: Measure the amount of renewable energy generated by the solar park and track the corresponding reduction in carbon emissions. This can be quanti-

**b. Qualitative:** Capture testimonials or feedback from

stakeholders on the positive environmental impact of the renewable energy project.

**3. Ecosystem Growth:**

a. Quantitative: Monitor the number of new projects or initiatives within the Cardano ecosystem that adopt a DAO and decentralized governance model. This can be measured by tracking the growth in the number of projects, collaborations, or partnerships.

b. Qualitative: Gather feedback from project teams and stakeholders on how the success of our project has inspired or influenced their decision to adopt a similar model within the Cardano ecosystem.

**4. Transparency and Trust:**

a. Quantitative: Evaluate the level of transparency achieved by tracking the accessibility and accuracy of financial reports, project milestones, and resource allocation data within the DAO. This can be measured by conducting audits or assessments.

b. Qualitative: Collect feedback from stakeholders on their perception of transparency and trust within the governance model through surveys or interviews.

**Short-term impact:**

- Increased community engagement and participation in decision-making processes.
- Establishment of transparent governance practices.
- Generation of renewable energy and initial reduction in carbon emissions.
- Inspiration for other projects to adopt a DAO format.

**Long-term impact:**

- Continual growth in the number of token holders and active participation in governance.
- Expansion of renewable energy capacity and significant reduction in carbon emissions.
- Adoption of DAO and decentralized governance models becoming a norm within the Cardano ecosystem.
- Enhanced reputation of Cardano as a platform that fosters sustainable and community-driven projects.

The measures outlined above are realistic because they align with the nature and objectives of the proposed project. They capture both quantitative indicators (such as energy generated and number of token holders) and qualitative aspects (such as stakeholder feedback and ecosystem growth). By combining these metrics, we can



**[IMPACT] Please describe your plans to share the outputs and results of your project?**

**Answer:**

We have a comprehensive plan to share the outputs and results of our project, ensuring widespread dissemination and maximizing the opportunities that arise from its completion. Here is our detailed plan:

**1. Reporting and Documentation:**

- a. Develop a comprehensive project report that outlines the objectives, methodologies, and findings of the project.
- b. Create an executive summary and non-technical summaries to make the information accessible to a broader audience.
- c. Document the implementation process, challenges faced, and lessons learned to provide insights for future projects.

**2. Public Communication and Outreach:**

- a. Organize public presentations and workshops to share the project's outputs, impact, and lessons learned with stakeholders, including the Cardano community, industry experts, and relevant organizations.
- b. Participate in conferences, seminars, and industry events to present our findings and engage in discussions on sustainable energy and decentralized governance.
- c. Leverage digital platforms, social media, and project websites to disseminate information and updates about the project to a wider audience.

**3. Collaborative Partnerships and Publications:**

- a. Collaborate with research institutions, academic bodies, and industry partners to publish research papers, articles, and case studies on the project's outcomes and innovative aspects.
- b. Engage in knowledge-sharing networks and seek opportunities to contribute to industry publications, newsletters, and online platforms to promote the project's impact and share best practices.

**4. Policy and Advocacy:**

- a. Use the project's results and outputs to advocate for the adoption of decentralized governance models and sustainable energy practices at local, national, and international levels.



or the project's approach and seek opportunities for policy advancements.

#### 5. Further Research and Development:

- a. Utilize the results generated from the project as a foundation for further research and development activities in the renewable energy and decentralized governance domains.
- b. Identify areas for improvement and innovation based on the project's findings, incorporating feedback from stakeholders and the wider community.
- c. Explore potential collaborations with academic institutions, industry partners, and research organizations to leverage the project's outcomes in future research initiatives.

By implementing this plan, we aim to share the outputs and impact of our project with various audiences, including the Cardano community, industry stakeholders, policymakers, and researchers. We will actively seize opportunities that arise from the completed project to foster knowledge exchange, drive innovation, and advocate for sustainable practices and decentralized governance. The results and findings generated will serve as valuable inputs for further research and development activities, enabling us to contribute to the ongoing growth and advancement of the renewable energy and blockchain sectors.

**[CAPABILITY/ FEASIBILITY]** What is your capability to deliver your project with high levels of trust and accountability?

**Answer:**

@energiasocial and @txpipe have signed a joint development agreement to explore the integration of blockchain into @energiasocial #energywithpurpose business models and help scale the impact of our social sustainable integrated strategies in Argentina and LATAM region.

The @energiasocial team, composed of experienced professionals in the energy sector, and the @txpipe developer team, with master knowledge of blockchain technology, are exceptionally well-suited for the task and challenges ahead. Our existing capabilities demonstrate why we believe we are the best choice to deliver this project:

1. Expertise in the Energy Sector: The @energiasocial team brings deep knowledge and extensive experience in the energy sector, particularly in renewable energy. We have a



tion, and delivering sustainable outcomes.

2. Strong Technical Proficiency: The @txpipe developer team possesses advanced expertise in blockchain technology, specifically in the Cardano ecosystem. We have a deep understanding of smart contracts, decentralized governance models, and the implementation of DAOs. Our technical capabilities enable us to design and develop the necessary infrastructure and functionalities required for the proposed project.
3. Collaborative Experience: Our teams have a history of effective collaboration, combining the expertise of the @energiasocial team in the energy sector with the technical proficiency of the @txpipe developer team. This collaborative approach ensures a holistic understanding of the project's requirements and the ability to translate them into practical solutions.
4. Trustworthy Financial Management: We have established a robust financial management system that ensures the proper management of funds. Our processes include:
  - a. Clear budget planning: We develop comprehensive budgets, clearly outlining the allocation of funds for different project components.
  - b. Financial reporting: We maintain transparent financial reporting mechanisms, providing regular updates on fund utilization and expenditure.
  - c. Accountability and auditability: We adhere to rigorous financial controls, ensuring that funds are used in accordance with the project's objectives and are subject to regular audits.
5. Track Record of Delivery: Our teams have a strong track record of delivering projects on time and within budget. We have successfully managed complex initiatives, demonstrating our ability to navigate challenges and achieve project milestones.
6. Trust and Reputation: The @energiasocial and @txpipe teams have earned the trust and respect of stakeholders in the energy and blockchain sectors through our past accomplishments and contributions. We are committed to upholding the highest standards of professionalism, ethics, and integrity in all aspects of our work.

By combining our extensive experience in the energy sector, mastery of blockchain technology, collaborative approach, financial management capabilities, and track record of successful delivery, we are confident in our ability to execute this project effectively and deliver the desired outcomes. Our teams' expertise and capabilities



<https://energiasocial.co/>  
<https://twitter.com/energiasocialco>  
<https://www.linkedin.com/company/energiasocial/>  
<https://github.com/energiasocial>

<https://txpipe.io/>  
<https://www.linkedin.com/company/txpipe/>  
[https://twitter.com/txpipe\\_tools](https://twitter.com/txpipe_tools)  
<https://github.com/txpipe>

**[CAPABILITY/ FEASIBILITY]** What are the main goals for the project and how will you validate if your approach is feasible?

**Answer:**

Main Goals for the Project:

A. Establish a functioning DAO: The primary goal is to create and implement a Decentralized Autonomous Organization (DAO) for the efficient management of the renewable energy social enterprise. This includes designing and developing the technical infrastructure, defining the token economy and governance framework, and establishing a decentralized decision-making process.

Validation: The successful implementation and functioning of the DAO, demonstrated through the execution of transparent governance processes, active participation of token holders, and the ability to make collective decisions and allocate resources effectively.

B. Ensure Transparent Resource Allocation: The project aims to establish clear rules and guidelines for resource allocation within the DAO. This includes defining the allocation percentages for project expansion, infrastructure maintenance, community development initiatives, and token holder rewards.

Validation: Transparent reporting mechanisms that provide regular updates on resource allocation and utilization. Clear documentation showcasing the allocation of funds and resources in alignment with the established rules and guidelines.

C. Foster Stakeholder Participation: The project seeks to engage and empower stakeholders, including token holders and community members, in the decision-making processes of the renewable energy social enterprise. It aims to foster a sense of ownership and active participation in shaping the enterprise's direction.



ATION FROM TOKENHOLDERS AND COMMUNITY MEMBERS IN THE DECISION-MAKING PROCESSES. FEEDBACK MECHANISMS, SUCH AS SURVEYS AND FORUMS, TO GATHER STAKEHOLDERS' OPINIONS AND ASSESS THEIR SATISFACTION AND ENGAGEMENT LEVELS.

D. Drive Social and Environmental Impact: The project aims to achieve tangible social and environmental impact through the generation and commercialization of renewable energy. This includes reducing greenhouse gas emissions, contributing to sustainable development goals, and creating job opportunities in the renewable energy sector.

Validation: Quantitative measurements of the renewable energy generated, reduction in greenhouse gas emissions, and documentation of the project's impact on job creation and socio-environmental indicators. Compliance with relevant sustainability standards and certifications.

E. Establish a Replicable Model: The project aims to develop a scalable and replicable model for the integration of DAOs and decentralized governance in the renewable energy sector. It seeks to provide a blueprint for other similar projects to adopt decentralized decision-making and community engagement.

Validation: Documentation of the project's approach, methodologies, and best practices to facilitate knowledge sharing and replication. Engagement with external stakeholders, industry experts, and regulatory bodies to showcase the model and its potential for wider adoption.

By setting these goals and establishing clear validation criteria, we will be able to assess the feasibility and success of our approach. The validation process will include evidence-based measurements, transparent reporting, stakeholder feedback, and the establishment of replicable practices.

#### Quantifiable Goals:

1. Increase in Month-on-Month Transactions: Set a specific target for increasing the number of transactions by a certain percentage each month compared to the previous figure. This can be measured by tracking transaction data and comparing it month-on-month.
2. Revenue Growth: Define a revenue growth target to measure the financial success of the project. This could be a percentage increase in revenue compared to a previous period or a



3. Energy Generation: Set a goal for the amount of renewable energy to be generated by the solar park. This can be measured in terms of kilowatt-hours (kWh) or megawatt-hours (MWh) of energy produced.

Qualitative Goals:

1. User Experience Improvement: Although difficult to quantify numerically, user experience improvement can be measured through qualitative means. This can include conducting user surveys to gather feedback on their experience, analyzing user feedback and reviews, and tracking changes in customer satisfaction levels.
2. Stakeholder Engagement: Measure stakeholder engagement through qualitative indicators such as the level of participation in community forums, the quality of discussions and feedback received, and the extent of collaboration and contributions from stakeholders in decision-making processes.

Regarding the implementation of our social business unique approach, we intend to execute the following steps:

1. DAO Establishment: Create the technical infrastructure, develop smart contracts, and issue governance tokens to establish the DAO for the renewable energy social enterprise.
2. Token Holder Engagement: Facilitate active participation and engagement of token holders through regular communication channels, voting mechanisms, and community forums. Encourage collaboration, feedback, and proposal submission from token holders.
3. Transparent Governance: Implement a transparent governance model where decisions are made collectively, ensuring the principles of fairness, inclusivity, and accountability. Establish clear rules and guidelines for resource allocation and decision-making processes.
4. Resource Allocation: Develop a framework for resource allocation, ensuring a portion of revenue is allocated to project expansion, infrastructure maintenance, community development initiatives, and token holder rewards. Implement transparent reporting mechanisms to track and communicate the allocation of resources.
5. Impact Measurement: Establish metrics and indicators to measure the social and environmental impact of the renewable energy social enterprise. This can include tracking energy generation, reduction in greenhouse gas emissions, job creation, and community development initiatives.



gaged community, foster transparency and inclusivity, and deliver measurable social and environmental impact through our unique social business approach.

**[CAPABILITY/ FEASIBILITY]** Please provide a detailed breakdown of your project's milestones and each of the main tasks or activities to reach the milestone plus the expected timeline for the delivery.

**Answer:**

Project Milestones and Tasks (9-month Period):

1. Milestone: Design and Infrastructure Setup

a. Key Activities:

- i. Assemble the core team responsible for designing and implementing the DAO and decentralized governance model.
- ii. Conduct a comprehensive analysis of existing DAO frameworks and identify the most suitable one.
- iii. Set up the technical infrastructure required for the functioning of the DAO, including blockchain integration, smart contract development, and token creation.

b. Timeline: Month 1-2

c. Success/Acceptance Criteria: Core team assembled, DAO framework selected, technical infrastructure set up.

2. Milestone: Token Economy and Governance Framework

a. Key Activities:

- i. Define the token economy and governance framework of the DAO, including the distribution and allocation of governance tokens among stakeholders.
- ii. Develop a decentralized voting mechanism for stakeholders to propose and vote on key decisions.
- iii. Establish a robust decision-making framework that considers the expertise and interests of the community.

b. Timeline: Month 3-4

c. Success/Acceptance Criteria: Token economy and governance framework defined, decentralized voting mechanism developed, decision-making framework established.

3. Milestone: Resource Allocation and Reporting



- cation, specifically focusing on the economic results generated by the sale and commercialization of energy.
- ii. Determine the percentage of revenue to be allocated to project expansion, infrastructure maintenance, community development initiatives, and token holder rewards.
  - iii. Implement a transparent reporting system that provides regular updates on financial performance, project milestones, and community initiatives.
- b. Timeline: Month 5-6
- c. Success/Acceptance Criteria: Resource allocation rules defined, transparent reporting system implemented.
4. Milestone: Community Engagement and Governance Optimization
- a. Key Activities:
- i. Foster community engagement by establishing online forums and platforms for open discussions, idea sharing, and collaboration.
  - ii. Gather feedback and suggestions from token holders and community members to improve the governance model and decision-making processes.
  - iii. Conduct periodic audits and reviews to optimize the governance model, enhance efficiency, and address any identified issues.
- b. Timeline: Month 7-8
- c. Success/Acceptance Criteria: Community engagement platforms established, feedback incorporated into governance model, governance model optimized based on audit results.
5. Milestone: Impact Measurement and Evaluation
- a. Key Activities:
- i. Establish metrics and indicators to measure the social and environmental impact of the renewable energy social enterprise.
  - ii. Track energy generation, reduction in greenhouse gas emissions, job creation, and community development initiatives.
  - iii. Evaluate the project's impact on achieving sustainability goals and its alignment with the Cardano ecosystem.
- b. Timeline: Month 9
- c. Success/Acceptance Criteria: Impact measurement metrics established, data collected and analyzed, eval-



Note: The provided timeline reflects a condensed 9-month period. It is important to consider the project's complexity, resource availability, and team capacity when determining realistic timeframes for each milestone. Adjustments to the timeline may be necessary based on project-specific factors.

#### Project Implementation Plan:

##### 1. Project Initiation:

- a. Assemble the project team, including members from @energiasocial and @txpipe teams, with assigned roles and responsibilities.
- b. Conduct a project kickoff meeting to align the team's understanding of the project goals, objectives, and timeline.
- c. Establish communication channels and project management tools for seamless collaboration and progress tracking.

##### 2. Requirement Gathering and Analysis:

- a. Conduct a thorough analysis of the renewable energy social enterprise, its existing processes, and challenges.
- b. Engage with stakeholders, including token holders and community members, to gather their requirements, expectations, and feedback.
- c. Document the project scope, objectives, and deliverables, ensuring alignment with the identified goals and stakeholder needs.

##### 3. Design and Development:

- a. Develop a detailed design for the DAO and decentralized governance model, considering the project's requirements and best practices.
- b. Implement the technical infrastructure, including blockchain integration, smart contract development, and token creation, based on the selected design.
- c. Conduct iterative development and testing cycles to ensure the functionality, security, and performance of the implemented solutions.

##### 4. Governance Framework and Resource Allocation:

- a. Define the token economy and governance framework, including the distribution and allocation of governance tokens.
- b. Establish rules and guidelines for resource allocation, specifying the percentage of revenue to be allocated to project expansion, infrastructure maintenance, community development, and token holder rewards.



ity initiatives.

#### 5. Community Engagement and Launch:

- a. Foster community engagement by launching online forums, social media channels, and communication platforms to facilitate open discussions, idea sharing, and collaboration.
- b. Encourage active participation and feedback from token holders and community members through surveys, feedback mechanisms, and regular updates.
- c. Conduct awareness campaigns and marketing activities to attract new users, promote the project's goals, and increase community engagement.

#### 6. Optimization and Evaluation:

- a. Continuously monitor and evaluate the performance of the DAO, governance model, and resource allocation rules.
- b. Conduct periodic audits and reviews to identify areas for optimization, enhance efficiency, and address any identified issues.
- c. Collect data and measure the project's impact, including energy generation, reduction in greenhouse gas emissions, job creation, and community development initiatives.

#### 7. Reporting and Documentation:

- a. Prepare regular reports documenting the project's progress, achievements, and challenges faced.
- b. Share the project's outputs and results with stakeholders, industry experts, and the Cardano community through publications, presentations, and online platforms.
- c. Maintain comprehensive documentation of the project's methodologies, lessons learned, and best practices for future reference and knowledge sharing.

#### Project Management Approach:

- Adopt an agile project management approach, allowing for flexibility and iterative development.
- Conduct regular team meetings to ensure effective communication, progress updates, and issue resolution.
- Utilize project management tools to track tasks, monitor progress, and manage dependencies.
- Establish clear milestones and deliverables, with well-defined success criteria for each stage.
- Regularly review and adjust the project plan based on feedback, emerging requirements, and project constraints.



all team members.



By following this detailed implementation plan and employing a proactive project management approach, we aim to successfully deliver the project, achieve the defined goals, and ensure the engagement and satisfaction of all stakeholders involved.

**[CAPABILITY/ FEASIBILITY] Please describe the deliverables, outputs and intended outcomes of each milestone.**

**Answer:**

Project Deliverables, Documentation, and Outputs for Each Milestone (9-Month Development Period):

Milestone 1: Design and Infrastructure Setup

- Deliverables:

- Core team assembled, including roles and responsibilities defined.
- Analysis report of existing DAO frameworks and selection of the most suitable one.
- Technical infrastructure set up, including blockchain integration, smart contract development, and token creation.

Milestone 2: Token Economy and Governance Framework

- Deliverables:

- Token economy and governance framework document outlining the distribution and allocation of governance tokens.
- Decentralized voting mechanism developed and integrated into the DAO platform.
- Decision-making framework established, defining the process for proposing and voting on key decisions.

Milestone 3: Resource Allocation and Reporting

- Deliverables:

- Resource allocation rules document, specifying the percentage of revenue allocated to project expansion, infrastructure maintenance, community development initiatives, and token holder rewards.
- Transparent reporting system implemented, providing regular updates on financial performance, project milestones, and community initiatives.

Milestone 4: Community Engagement and Governance Optimization

- Deliverables:

- Online forums and platforms established for community engagement, idea sharing, and collaboration.
- Feedback and suggestions from token holders and community members incorporated into the governance



for the governance model, efficiency enhancements, and issue resolution.

#### Milestone 5: Impact Measurement and Evaluation

- Deliverables:

- Metrics and indicators for measuring the social and environmental impact of the renewable energy social enterprise.
- Data collection and analysis of energy generation, reduction in greenhouse gas emissions, job creation, and community development initiatives.
- Evaluation report assessing the project's impact on sustainability goals and alignment with the Cardano ecosystem.

#### Intended Outcomes and Results:

- A functioning DAO and decentralized governance model for the renewable energy social enterprise.
- Transparent and inclusive decision-making processes, with active participation from token holders and community members.
- Clear rules and guidelines for resource allocation, ensuring effective utilization of revenue.
- Increased community engagement, collaboration, and ownership.
- Tangible social and environmental impact through renewable energy generation, emissions reduction, and community development.
- Knowledge sharing and replication potential for similar projects within the Cardano ecosystem.

#### Measurement of Project Progress:

1. Core Team Assembly: Completion of team formation, documented roles and responsibilities, and team member engagement levels.
2. DAO Framework Selection: Analysis report of existing DAO frameworks, decision on the most suitable framework, and rationale for the selection.
3. Technical Infrastructure Setup: Confirmation of blockchain integration, successful smart contract deployment, and token creation.
4. Token Economy and Governance Framework: Documented token distribution model, decentralized voting mechanism development, and decision-making framework implementation.
5. Resource Allocation Rules: Documented resource allocation percentages, transparent reporting system implementation,



active participation metrics, and feedback collection mechanisms.

7. Impact Measurement Metrics: Defined metrics and indicators for social and environmental impact measurement, data collection methodology, and analysis framework.
8. Evaluation and Reporting: Evaluation report assessing the project's impact, alignment with sustainability goals, and lessons learned documented for knowledge sharing.

#### Measurement Methodologies:

- Quantitative data collection through tracking platforms, energy generation monitoring systems, and financial reporting mechanisms.
- Surveys and feedback mechanisms to gather qualitative feedback from token holders and community members.
- Analysis of key performance indicators (KPIs) related to community engagement, revenue allocation, and environmental impact.
- Regular progress reviews, team meetings, and stakeholder consultations to assess the project's overall progress and success criteria achievement.

By tracking these measurements and assessing progress against the defined deliverables and outcomes, we will be able to monitor the project's advancement, ensure its alignment with the intended goals, and make informed adjustments as necessary throughout the 9-month development period.

#### [RESOURCES & VALUE FOR MONEY] Please provide a detailed budget breakdown of the proposed work and resources.

##### **Answer:**

Budget Breakdown for the Proposed Work and Resources:

##### Milestone 1: Design and Infrastructure Setup

- Team Salaries and Fees: ₦ 10,000.00
- Blockchain Integration and Development: ₦ 7,000.00
- Smart Contract Development: ₦ 5,000.00
- Token Creation: ₦ 2,000.00
- Total Budget for Milestone 1: ₦ 24,000.00

##### Milestone 2: Token Economy and Governance Framework

- Team Salaries and Fees: ₦ 7,000.00
- External Expert Consultation: ₦ 3,000.00
- Total Budget for Milestone 2: ₦ 10,000.00

## F10: DAOs ...

- Reporting and Documentation: ₩ 2,000.00
- Total Budget for Milestone 3: ₩ 7,000.00

## Milestone 4: Community Engagement and Governance Optimization

- Team Salaries and Fees: ₩ 5,000.00
- Community Engagement Platforms: ₩ 2,000.00
- Total Budget for Milestone 4: ₩ 7,000.00

## Milestone 5: Impact Measurement and Evaluation

- Team Salaries and Fees: ₩ 7,000.00
- Data Collection and Analysis: ₩ 5,000.00
- Evaluation Reporting: ₩ 3,000.00
- Total Budget for Milestone 5: ₩ 15,000.00

## Additional Budget Elements:

- Publicity/Marketing/Promotion/Community Engagement: ₩ 3,000.00
- Project Management: ₩ 5,000.00
- Documentation: ₩ 2,000.00
- Reporting Back to the Community: ₩ 2,000.00
- Total Budget for Additional Elements: ₩ 12,000.00

Total Project Budget: ₩ 75,000.00

Note: The adjusted budget ensures that the total project cost does not exceed the available funding of ₩ 75,000.00. The reductions in team salaries and fees, as well as certain budget elements, allow for proper allocation within the given budget while still addressing the necessary resources and activities mentioned in the plan.

**[RESOURCES & VALUE FOR MONEY]** Who is in the project team and what are their roles?**Answer:**

@energiasocial and @txpipe have signed a joint development agreement to explore the integration of blockchain into @energiasocial #energywithpurpose business models and help scale the impact of our social sustainable integrated strategies in Argentina and LATAM region.

By combining the expertise of @energiasocial experienced professionals in the energy sector and sustainable strategies development and @txpipe team's proficiency in Cardano blockchain technology, we make a powerful blend of knowledge and skills to this project. Our existing capabilities and successful project implementations demonstrate why we are best suited to deliver these tools and mobile apps, ensuring a seamless integration of sustainability strategies and blockchain technology to generate long term social sustainable impact.

## F10: DAOs ...

<https://twitter.com/energiasocialco>  
<https://www.linkedin.com/company/energiasocial/>  
<https://github.com/energiasocial>

<https://txpipe.io/>  
<https://www.linkedin.com/company/txpipe/>  
[https://twitter.com/txpipe\\_tools](https://twitter.com/txpipe_tools)  
<https://github.com/txpipe>

**[RESOURCES & VALUE FOR MONEY]** How does the cost of the project represent value for money for the Cardano ecosystem?

**Answer:**

The cost of the project represents value for money for the Cardano ecosystem for several reasons:

1. Experienced Professionals: The project team consists of experienced professionals in the energy sector and blockchain technology, ensuring high-quality deliverables and efficient execution. The allocated budget for team salaries and fees reflects the expertise and value these professionals bring to the project.
2. Time and Effort: The cost accounts for the significant time and effort required to design and implement a DAO, develop a governance model, and establish transparent resource allocation and reporting mechanisms. It considers the complexity and depth of work involved in achieving the project's goals.
3. Market Rates: The budget allocation for various activities is based on market rates and industry standards. This ensures that the project's costs are proportional to the average wages in the country or typical freelance rates in the industry. Extensive research and analysis have been conducted to determine competitive and fair pricing for the resources required.
4. Deliverable-oriented Approach: The cost is justified by the value of the project's deliverables and outcomes. Each milestone and its associated costs are aligned with the objectives and expected results, ensuring that the expenses are directly linked to the achievement of tangible outcomes and impact.
5. Long-Term Benefits: The project aims to contribute to the growth and sustainability of the Cardano ecosystem. The investment in project management, documentation, reporting, and community engagement reflects a commitment to ensure transparency, accountability, and knowledge sharing within



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By carefully considering market rates, the skills and expertise of the team, and the deliverables and impact of the project, the allocated costs are justified and proportional to the value they bring to the Cardano ecosystem. The project's budget ensures that resources are allocated appropriately to achieve the desired goals and outcomes, providing value for money and advancing the growth and development of the Cardano ecosystem.

[IMPORTANT NOTE] The Applicant agreed to Fund10 rules and also that data in the Submission Form and other data provided by the project team during the course of the project will be publicly available.

**Answer:**

I Accept

Añadir Ideas vinculadas

<https://energiasocial.co> ^

@energiasocial #usuariogenerator

We are a renewable energy social business. Bringing solar energy solutions for your home and business. Take control of your energy cost, become a #usergenerator. Join the network with purpose of @energiasocial



<https://ar.linkedin.com/company/energiasocial> ^

@EnergiaSocialAr | LinkedIn

@EnergiaSocialAr | 1,494 followers on LinkedIn. Una Empresa Social de Energía Renovable | 'Change comes from within the system'

Muhammad Yunus A social enterprise is one that has a positive impact on the environment or society and, at the same time, is profitable as a business. According to Yunus, a social enterprise is a non-dividend organization that exists to address a social problem.



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social mission of the company.



<https://txpipe.io/> ^

TxPipe.io

[TxPipe.io](https://txpipe.io)

Open-source software for a decentralized world.



<https://www.linkedin.com/company/txpipe/> ^

[TxPipe | LinkedIn](#)

TxPipe | 120 followers on LinkedIn. We believe that blockchain adoption can be accelerated by improving developer experience. | Open-source software for a decentralized world. We believe that blockchain adoption can be accelerated by improving developer experience. We develop blockchain tools, leveraging the open-source community and its methodologies.





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<https://github.com/txpipe> ^

GitHub

[TxPipe](#)

Open Source Blockchain Tools. TxPipe has 24 repositories available.

Follow their code on GitHub.

<https://twitter.com/energiasocialco> ^

X (formerly Twitter)

<https://github.com/energiasocial> ^

GitHub

[energiasocial - Overview](#)

From @EnergiaSocialAr &amp; @VentusGlobal, a renewable energy social company is born with more than 3000MW installed and presence in 4 countries in LATAM. - energiasocial



&lt; Submit proposals

&lt; Finalize

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< **Moderation**

< **Governance**

< **Archive**

**Votos netos o...**

1

≡ **Comentarios** El más reciente primero ▾

Publique un comentario para iniciar una discusión. @menciona a alguien para que se involucre

**Enviarme una notificación por correo electrónico sobre cualquier actividad relacionada con esta idea**

**Anotar este comentario**

**Enviar comentario**

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