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F10: OSDE: Open Source Dev Ecosystem



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Answer:

Lack of affordable and eco-friendly housing options for individuals and communities in need. Core issue: Addressing the housing crisis through social sustainability and blockchain technology.

[+ Agregar etiquet...](#)[access](#)[blockchain](#)[cardano](#)[collaboration](#)[developers](#)[housing](#)[infrastructure](#)[scaling](#)[smart-contract](#)**[GENERAL] Name and surname of main applicant****Answer:**

Guillermo Lucero

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

guillermo.lucero@energiasocial.co

Additional applicants[Volver arriba](#)



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[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 an open source platform on Cardano blockchain for designing, constructing, and distributing affordable modular social sustainable housing through transparent and decentralized processes.

[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?

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Answer:

Yes



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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://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:

Dev Ecosystem Collaboration

[METADATA] SDG rating

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- a. Subgoal 11.1: Ensure access for all to adequate, safe, and affordable housing
 - i. KPI: Number of affordable modular housing units constructed and distributed
 - b. Subgoal 11.3: Enhance inclusive and sustainable urbanization
 - i. KPI: Percentage increase in community engagement and participation in housing development process
 - c. Subgoal 11.6: Reduce the environmental impact of cities
 - i. KPI: Percentage of modular housing units built with eco-friendly materials and energy-efficient designs
2. SDG 9: Industry, Innovation and Infrastructure
- a. Subgoal 9.4: Upgrade infrastructure and retrofit industries for sustainability
 - i. KPI: Number of modular housing units incorporating sustainable technologies (e.g., solar panels, rainwater harvesting)
 - b. Subgoal 9.5: Enhance scientific research and promote technological capabilities
 - i. KPI: Number of innovative design features and technologies implemented in modular housing units
3. SDG 13: Climate Action
- a. Subgoal 13.2: Integrate climate change measures into national policies, strategies, and planning
 - i. KPI: Adoption of climate change adaptation and mitigation strategies in the modular housing construction process
 - b. Subgoal 13.3: Improve education, awareness, and capacity on climate change
 - i. KPI: Number of educational resources developed and disseminated on sustainable modular housing practices

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The project's Key Performance Indicators (KPIs) will be used to measure progress and assess the impact of the project on achieving the identified Sustainable Development Goals. Regular monitoring and



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munities in need. We perceive this problem as a critical issue that hinders social sustainability and quality of life for many people.

To tackle this problem, we have chosen to develop a blockchain-based platform on the Cardano network. By leveraging blockchain technology, we can ensure transparency, security, and community participation in the entire housing development process. The decentralized nature of the platform will empower individuals and communities to actively engage in designing, constructing, and acquiring affordable modular housing units.

We intend to engage a wide range of stakeholders in this project. This includes individuals and families in need of affordable housing, community organizations, architects and designers, construction professionals, sustainable housing advocates, and financial institutions. By involving these stakeholders, we aim to foster collaboration, gather diverse perspectives, and ensure the solution meets the needs of the target beneficiaries.

To demonstrate the impact of our solution, we will employ several methods. Firstly, we will track and measure the number of affordable modular housing units constructed and distributed through the platform. This will directly show the tangible outcomes and the scale of the solution's reach. Additionally, we will monitor the level of community engagement and participation in the housing development process, indicating the empowerment and involvement of stakeholders. Furthermore, we will assess the adoption of sustainable practices and technologies in the construction of modular housing units to demonstrate our commitment to environmental impact.

Through continuous monitoring, evaluation, and feedback mechanisms, we will refine and improve the platform based on the demonstrated impact and user experiences. This iterative process will enable us to make data-driven decisions and ensure the project's effectiveness in solving the identified problem.

Our solution stands out due to its unique combination of social sustainability, modular housing, and blockchain technology running on

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strengthens social cohesion and resilience.

2. Modular Housing: Modular housing offers numerous advantages, including cost-effectiveness, faster construction timelines, and flexibility in design and customization. By leveraging modular construction techniques, our solution enables the production of affordable housing units that can be easily replicated and adapted to different needs and locations.
3. Blockchain Technology on Cardano: The utilization of blockchain technology, specifically on the Cardano ecosystem, ensures transparency, security, and immutability throughout the housing development process. Cardano's robust infrastructure provides a reliable and scalable platform for decentralized applications, enabling efficient tracking, verification, and management of housing-related transactions and data.

The beneficiaries of our solution are multifaceted:

1. Individuals and Communities in Need: The primary beneficiaries are individuals and communities facing a lack of affordable housing options. They gain access to sustainable, cost-effective, and customizable modular housing units, improving their quality of life and creating long-term stability.
2. Architects, Designers, and Construction Professionals: Our solution provides a platform for architects, designers, and construction professionals to contribute their expertise and collaborate on sustainable housing projects. They can showcase their skills, create innovative designs, and positively impact communities in need.
3. Cardano and the Cardano Ecosystem: Our solution's implementation on the Cardano ecosystem showcases the platform's capabilities and use cases beyond cryptocurrency. It enhances Cardano's reputation as a technology that enables real-world solutions with tangible social impact. By attracting sustainable housing projects, Cardano strengthens its ecosystem and fosters positive global change.

The importance of our solution to Cardano and the Cardano ecosystem lies in its ability to demonstrate the practical applications of blockchain technology beyond financial transactions. By showcas-

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ecosystem?

Answer:

Our proposed solution addresses the Open Source Dev Ecosystem challenge by creating an open source platform for social sustainable modular housing on the Cardano ecosystem. This platform allows developers, architects, and designers to contribute their expertise, collaborate, and build upon the existing codebase. By fostering an open source community, our project encourages innovation, knowledge sharing, and continuous improvement within the Cardano ecosystem.

The benefits that this solution brings to the Cardano ecosystem are manifold:

1. Enhanced Developer Community: Our open source platform attracts developers who are passionate about sustainable housing and blockchain technology. By providing a collaborative environment, it fosters the growth of the Cardano developer community, expands the pool of talent, and encourages the creation of diverse applications and solutions.
2. Innovation and Iteration: Through open source collaboration, our project encourages the exploration of new ideas and iterative development. The community can contribute improvements, suggest features, and identify and fix bugs, leading to a more robust and refined platform. This iterative process aligns with Cardano's philosophy of peer review and scientific rigor.
3. Diverse Use Cases: Our solution showcases a tangible and impactful use case for the Cardano ecosystem beyond financial applications. It demonstrates the versatility and potential of blockchain technology in addressing real-world challenges, attracting individuals and organizations interested in socially responsible projects.
4. Positive Social Impact: By enabling affordable and sustainable housing solutions, our project brings significant social impact to Cardano. It addresses SDG 11 (Sustainable Cities and Communities) by providing access to safe and affordable housing, contributing to community development and well-being.

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1. Diversification of Applications: By expanding the use cases to sustainable modular housing, our project diversifies the applications built on the Cardano ecosystem. This diversification enhances the overall ecosystem resilience, making it less dependent on a single industry or use case.
2. Community and Developer Growth: The open source nature of our project encourages collaboration and attracts developers interested in sustainability and social impact. This leads to an increased developer base within the Cardano ecosystem, fostering innovation, knowledge-sharing, and continuous improvement.
3. Social and Environmental Impact: The social sustainable modular housing project brings tangible social and environmental benefits by addressing the affordable housing crisis and promoting sustainable development practices. This impact showcases Cardano's commitment to fostering positive change and contributes to its reputation as a responsible and impactful blockchain platform.

In summary, our project's value lies in addressing the Open Source Dev Ecosystem challenge by creating an open source platform for social sustainable modular housing on the Cardano ecosystem. This initiative fosters developer engagement, expands the use cases of Cardano, drives network effects, enhances Cardano's reputation, and brings social and environmental impact, all of which contribute to the long-term success and value of the Cardano ecosystem.

The impact our project will bring to the Cardano ecosystem can be qualitatively and quantitatively measured. While it is challenging to provide precise numbers without extensive market analysis, we can offer a realistic estimation of the potential impact:

1. Community Growth: Our project has the potential to attract a significant number of individuals and organizations interested in social sustainability and affordable housing. We anticipate a substantial increase in the Cardano community, including developers, architects, designers, and individuals passionate about the project's objectives.

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to market demand and outreach efforts, we aim for a substantial adoption rate.

4. Transactions and Usage: As the platform facilitates the buying and selling of modular housing units, we anticipate a significant number of transactions occurring on the platform. This would demonstrate the utility and value of the solution while increasing the usage and activity within the Cardano ecosystem.

It is essential to approach these estimations realistically and consider external factors such as market conditions, competition, and regulatory aspects. Close monitoring, feedback loops, and iterative improvements will be crucial to achieving and exceeding the projected impact.

Overall, our project has the potential to attract new users, enhance developer engagement, and foster a stronger Cardano ecosystem by providing practical solutions to the affordable housing crisis.

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

Answer:

To measure the success of our project, we will implement various metrics and evaluation methods. These include:

1. Number of Affordable Modular Housing Units: We will track the number of modular housing units designed, constructed, and distributed through our platform. This metric reflects the tangible impact of our project in providing affordable housing options.
2. Community Engagement and Participation: We will assess the level of community engagement and participation in the housing development process. This can be measured through surveys, feedback mechanisms, and the number of users actively contributing to the platform's design and improvement.
3. Sustainable Design and Practices: We will monitor the adoption of sustainable design principles and practices within the modular housing units created through our platform. This includes metrics such as the percentage of units incorporating

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the developer community within the Cardano ecosystem.

6. Social Impact: We will evaluate the social impact of our project by assessing the improvement in access to affordable housing, the satisfaction of users, and the overall well-being of the communities benefitting from the modular housing units.

In our opinion, these measures are realistic because they align with industry-standard metrics for affordable housing projects and community-driven platforms. They are also aligned with the project's objectives, which aim to provide sustainable and affordable housing options while fostering community participation. Realistic measures are based on market research, stakeholder feedback, and an understanding of the existing housing market dynamics and adoption rates for similar initiatives.

Regular monitoring and evaluation, coupled with iterative improvements based on feedback, will ensure that the measures remain relevant and aligned with the evolving needs of the users and the Cardano ecosystem.

The innovation proposed in our project will have a significant impact on Cardano's productivity and growth in both the short and long term. Here is a detailed description of how the innovation will affect Cardano:

Short Term Impact:

1. Increased Developer Engagement: The open source nature of our project will attract developers interested in social sustainability and affordable housing. Their active participation and contributions to the project will enhance Cardano's developer community and ecosystem. This increased engagement will result in faster development cycles, more innovative applications, and a broader range of solutions built on the Cardano platform.
2. Expanded Use Cases: Our project's focus on social sustainable modular housing expands the use cases of the Cardano blockchain beyond finance. This diversification stimulates interest from various industries, attracting more users, developers, and stakeholders to the ecosystem. This influx of interest and activity will drive short-term growth and adoption.

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1. Ecosystem Maturity: Our project contributes to the long-term maturity of the Cardano ecosystem. By providing a platform for social sustainable modular housing, we bring real-world utility and demonstrate the scalability, security, and versatility of Cardano. This maturity attracts institutional players, government entities, and large-scale projects, fostering sustainable growth and long-term stability.
2. Network Effects: As the project gains traction and adoption, it generates network effects within the Cardano ecosystem. More users, developers, and stakeholders are attracted, creating a vibrant and interconnected community. This network effect strengthens the ecosystem, enhances collaboration, and drives further growth in terms of usage, innovation, and market relevance.
3. Social and Environmental Impact: Our project's long-term impact is reflected in the positive social and environmental changes it brings. By addressing the affordable housing crisis and promoting sustainable development practices, Cardano establishes itself as a force for positive change. This impact resonates with users, investors, and stakeholders who prioritize socially responsible solutions, resulting in long-term growth and support for the ecosystem.

While quantitative metrics such as user adoption, transaction volume, and developer engagement are essential indicators of growth, qualitative metrics such as user feedback, testimonials, and satisfaction surveys also play a vital role. These qualitative measures provide insights into user opinions, experiences, and the perceived value of the innovation, influencing Cardano's productivity and growth by informing iterative improvements and attracting positive attention to the ecosystem.

In summary, our innovation will have both short and long-term effects on Cardano's productivity and growth. It will drive developer engagement, expand use cases, enhance Cardano's reputation, and foster network effects. Furthermore, it will contribute to ecosystem maturity, create social and environmental impact, and be supported by qualitative feedback and user opinions, thus driving long-term growth and success for Cardano.

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1. Documentation and Reports: We will prepare detailed documentation and reports that outline the project's objectives, methodologies, key findings, and outcomes. These documents will be made available in digital formats, such as PDFs, on our project website, and other relevant platforms.
2. Project Website: We will create a dedicated project website that serves as a central hub for information about the project. The website will host project updates, progress reports, case studies, success stories, and relevant resources. It will also provide contact information for inquiries and opportunities for collaboration.
3. Open Source Repository: To foster collaboration and knowledge sharing, we will maintain an open source repository on platforms like GitHub. This repository will contain the project's source code, technical documentation, and guidelines for developers interested in contributing to or building upon our project.
4. Social Media and Online Presence: We will leverage social media platforms, such as Twitter, LinkedIn, and Facebook, to share regular updates, news, and achievements of the project. These channels will allow us to engage with a wider audience, including potential users, developers, and stakeholders.
5. Industry Conferences and Events: We plan to participate in relevant industry conferences, events, and workshops related to sustainable housing, blockchain, and technology. By presenting our project's outcomes and experiences, we can share insights, learn from others, and inspire further innovation in the field.
6. Collaborative Partnerships: We will actively seek partnerships with organizations and institutions aligned with our project's objectives. Collaborative efforts can include joint research papers, co-presentations, and sharing of resources, amplifying the dissemination of project outputs.
7. Publications and Media: We will explore opportunities to publish articles, whitepapers, or opinion pieces in reputable publications and media outlets. This will help raise awareness about our project's results and generate wider discussions around sustainable housing, blockchain, and social impact.

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uals, communities, and organizations interested in implementing similar initiatives. This knowledge sharing will enable others to replicate and build upon our project's outcomes.

By executing this comprehensive dissemination plan, we aim to reach a diverse range of stakeholders, including potential users, developers, policymakers, academics, and the general public. This widespread sharing of our project's outputs and results will contribute to knowledge exchange, collaboration, and the adoption of sustainable housing solutions on the Cardano ecosystem and beyond.

We have a clear strategy to share the outputs, impact, and opportunities that arise from our completed project. Additionally, we plan to leverage the results generated to fuel further research and development activities. Here's a breakdown of our approach:

1. Dissemination Channels: We will utilize various channels to share the outputs and impact of our project. These include project websites, social media platforms, industry conferences, workshops, and publications. By leveraging a diverse range of channels, we can reach a wider audience, including potential users, developers, policymakers, and industry stakeholders.
2. Project Reports and Documentation: We will produce comprehensive reports and documentation that outline the outcomes, methodologies, and key findings of the project. These documents will be made publicly available on our project website and through other relevant platforms. They will provide a detailed account of the project's results, lessons learned, and implications for future development efforts.
3. Case Studies and Success Stories: To demonstrate the practical application of our project, we will develop case studies and success stories that highlight the positive impact and benefits achieved. These materials will showcase real-world examples of how our project has made a difference in addressing the affordable housing crisis and promoting social sustainability.
4. Partnerships and Collaborations: We will actively seek partnerships and collaborations with organizations, institutions, and community groups interested in sustainable housing and

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reach. The insights gained will inform future iterations of the platform, enabling us to enhance its functionality, user experience, and overall impact.

6. Funding and Investment Opportunities: The demonstrated impact and success of our project will position us favorably for funding and investment opportunities. We will actively seek funding sources, grants, and partnerships to support the continuation of research and development activities. This financial support will enable us to leverage the project's results, refine the platform, and explore new avenues for growth and impact.

By effectively sharing the outputs, impact, and opportunities that arise from our completed project, we aim to inspire further research, collaboration, and innovation in the field of social sustainable housing and blockchain technology. The results generated will be utilized to fuel ongoing development efforts, expand the project's reach, and contribute to the broader goal of providing affordable and eco-friendly housing solutions to communities in need.

[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 and the @txpipe developer team are uniquely suited for the task and challenges ahead due to their combined expertise and capabilities in social sustainable integrated strategies development and blockchain technology. Here's an overview of their existing capabilities that demonstrate why they are the best fit for delivering this project:

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text of Cardano. They have a deep understanding of the Cardano ecosystem, smart contract development, and decentralized applications. Their technical proficiency and familiarity with blockchain protocols ensure the successful implementation of the project on the Cardano mainnet.

3. Collaborative Strengths: The collaboration between @energiasocial and @txpipe combines the strengths of social sustainability and blockchain technology. This unique partnership allows for a holistic approach, integrating the social and technical aspects required for the project's success. The teams' ability to work together synergistically ensures a comprehensive and well-rounded solution.
4. Track Record of Success: Both teams have a history of successful projects and initiatives in their respective fields. Their past accomplishments demonstrate their ability to deliver results and make a positive impact. The combination of social sustainability expertise and blockchain technology knowledge creates a strong foundation for the successful execution of this project.
5. Adaptability and Innovation: The @energiasocial and @txpipe teams are known for their adaptability and innovation. They embrace new technologies, methodologies, and best practices, enabling them to stay at the forefront of their respective domains. This forward-thinking mindset ensures that the project will benefit from the latest advancements and industry standards.
6. Collaboration and Partnerships: Both teams have a strong network of collaborators, partners, and stakeholders in the fields of sustainable development and blockchain technology. These existing relationships provide valuable resources, knowledge exchange opportunities, and potential avenues for scaling and expanding the project's impact.

Together, the @energiasocial team and the @txpipe developer team possess the combined expertise, experience, and collaborative spirit necessary to successfully deliver this project. Their existing capabilities and track record make them the ideal choice to tackle the challenges ahead and create a tangible, sustainable impact in the realm of social sustainable modular housing on the Cardano ecosystem.

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<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:

The main goals of our project are to develop a social sustainable modular housing platform on the Cardano ecosystem and to address the affordable housing crisis through transparent and decentralized processes. To validate the feasibility of our approach, we have set the following objectives and goals:

1. Objective: Develop an Open Source Platform
 - a. Goal 1: Build and deploy an open source platform for designing, constructing, and distributing modular housing units.
 - b. Validation: The successful launch of the platform with core functionalities, including a user-friendly interface, design tools, and transaction capabilities.
2. Objective: Ensure Social Sustainability
 - a. Goal 2: Enable community engagement and participation throughout the housing development process.
 - b. Validation: Measure the level of community involvement through user surveys, feedback, and quantifiable metrics such as the number of user-generated designs and collaborations.
3. Objective: Provide Affordable Housing Solutions
 - a. Goal 3: Design and construct a significant number of affordable modular housing units.
 - b. Validation: Track the number of affordable housing units produced and distributed through the platform, ensuring they meet predefined affordability criteria.
4. Objective: Promote Environmental Responsibility
 - a. Goal 4: Incorporate sustainable design principles and eco-friendly materials in the modular housing units.
 - b. Validation: Evaluate the percentage of modular housing units built with sustainable features, such as energy-e

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- a. Goal 6: Encourage developer engagement and contribution to the platform's development.
 - b. Validation: Measure the number of external developers actively contributing code, proposing improvements, and expanding the platform's functionalities.
7. Objective: Demonstrate the Cardano Ecosystem's Potential
- a. Goal 7: Showcase the viability and scalability of blockchain technology on the Cardano ecosystem beyond financial applications.
 - b. Validation: Highlight the successful implementation of the project on the Cardano mainnet, emphasizing the advantages of using blockchain for housing-related transactions, transparency, and security.

To validate if our goals have been achieved, we will utilize a combination of quantitative and qualitative measures. These include tracking specific metrics such as the number of affordable housing units produced, user adoption rates, community engagement levels, environmental sustainability indicators, and developer contributions. Additionally, user feedback, surveys, and case studies will provide qualitative insights into the project's impact, user satisfaction, and success in addressing the affordable housing crisis. Regular monitoring, evaluation, and reporting will help validate the attainment of our goals and objectives.

Goals can be measured directly using numerical data. Goals, like improving user experience, are qualitative and difficult to assign numeric values and for those we rely on alternative methods to measure and evaluate the achievement of these goals.

For quantifiable goals:

1. Increasing Transactions: We can measure the number of transactions occurring on the platform on a monthly basis. By comparing the figures month on month, we can determine if we have achieved a 30% increase.
2. User Adoption: We can track the number of new user registrations and active users on the platform. Monitoring the growth

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meric value to user experience, we can employ qualitative methods to measure and improve it. User surveys, feedback mechanisms, and usability testing can provide valuable insights into user satisfaction, ease of use, and overall experience. Gathering feedback from users and incorporating their suggestions into iterative improvements will help enhance the user experience.

2. Community Engagement: While it may not be easily quantifiable, community engagement can be measured through qualitative methods. Monitoring the level of participation, interaction, and collaboration within the community, collecting testimonials, and assessing the quality of contributions can indicate the success of our approach in fostering community engagement.

Regarding our social business unique approach, we intend to implement it by:

1. Collaborative Decision-making: Involving stakeholders, users, and the community in the decision-making process to ensure a collective and inclusive approach to platform development, governance, and resource allocation.
2. Social Impact Measurement: Implementing a framework to measure and evaluate the social impact of our project. This includes assessing indicators such as the number of individuals provided with affordable housing, environmental sustainability metrics, and community well-being.
3. Community Partnerships: Collaborating with local communities, non-profit organizations, and government entities to ensure the project aligns with their needs, addresses their challenges, and creates positive social change.
4. Knowledge Sharing: Providing educational resources, guidelines, and toolkits that empower users and communities to replicate and implement similar social sustainable housing initiatives. Sharing knowledge and best practices will help drive wider adoption and further the social business approach in the housing sector.

While some goals may not have numerical quantification, it is crucial to establish clear criteria and measurement methods to assess their

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Answer:

Here is a breakdown of the project's milestones, main tasks, expected timeline, and success criteria for each milestone within a 9-month period:

Milestone 1: Project Initiation and Planning (Duration: 1 month)

- Task 1: Project kickoff meeting and team alignment
- Task 2: Conduct a comprehensive project planning session
- Task 3: Define project objectives, deliverables, and success criteria
- Task 4: Finalize the project timeline, resource allocation, and budget
- Success Criteria: Completion of project planning documentation, including objectives, deliverables, timeline, and budget.

Milestone 2: Platform Development and Prototyping (Duration: 2 months)

- Task 1: Gather requirements and conduct user research
- Task 2: Design the user interface and platform architecture
- Task 3: Develop the core functionalities of the platform (design tools, transaction capabilities, user management)
- Task 4: Build prototypes and conduct usability testing
- Success Criteria: Prototype developed, usability testing conducted, and positive feedback received from user testing sessions.

Milestone 3: Platform Deployment and Testing (Duration: 2 months)

- Task 1: Implement the platform on the Cardano mainnet
- Task 2: Conduct comprehensive testing for functionality, security, and scalability
- Task 3: Address any identified issues and bugs
- Task 4: Prepare documentation for platform usage and deployment guidelines
- Success Criteria: Platform successfully deployed on the Cardano mainnet, comprehensive testing conducted, and documentation completed.

Milestone 4: Community Engagement and Partner Collaboration (Duration: 1 month)

- Task 1: Develop community engagement strategies and outreach plans

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Milestone 5: Affordable Housing Unit Design and Construction (Duration: 2 months)

- Task 1: Collaborate with architects and designers to develop modular housing designs
- Task 2: Implement sustainable design principles and eco-friendly materials
- Task 3: Construct a significant number of affordable housing units
- Task 4: Ensure compliance with affordability criteria and quality standards
- Success Criteria: Affordable housing units designed, constructed, and meeting predefined affordability criteria.

Milestone 6: User Adoption and Expansion (Duration: 1 month)

- Task 1: Develop user adoption strategies and marketing plans
- Task 2: Launch targeted campaigns to attract users
- Task 3: Monitor user adoption rates and platform usage metrics
- Task 4: Analyze user feedback and incorporate improvements
- Success Criteria: Increased user adoption, positive feedback from users, and growth in platform usage metrics.

Milestone 7: Evaluation and Documentation (Duration: 1 month)

- Task 1: Evaluate project outcomes against predefined success criteria
- Task 2: Gather data on key metrics, user satisfaction, and community impact
- Task 3: Prepare comprehensive project documentation, including reports and case studies
- Task 4: Conduct a project review and lessons learned session
- Success Criteria: Project evaluation completed, comprehensive documentation prepared, and lessons learned identified.

Note: The durations mentioned for each milestone are approximate and can be adjusted based on project-specific considerations. It is important to regularly review and reassess the timeline to accommodate any unforeseen circumstances or changes in project requirements.

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Implementation Plan:

1. Project Initiation:



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- b. Analyze the gathered information to define the scope, functionalities, and technical requirements of the platform.
- 3. Design and Development:
 - a. Create the user interface and platform architecture based on the defined requirements.
 - b. Develop core functionalities such as design tools, transaction capabilities, and user management.
 - c. Follow an iterative development approach, conducting regular testing and incorporating user feedback.
- 4. Testing and Quality Assurance:
 - a. Conduct comprehensive testing of the platform for functionality, security, and performance.
 - b. Identify and address any bugs or issues through rigorous testing and debugging processes.
 - c. Ensure the platform meets high-quality standards and adheres to best practices.
- 5. Platform Deployment and Launch:
 - a. Prepare for the deployment of the platform on the Cardano mainnet.
 - b. Develop deployment guidelines and documentation for users and stakeholders.
 - c. Conduct final testing and verification to ensure a smooth and successful launch.
- 6. Community Engagement and Partner Collaboration:
 - a. Develop strategies for community engagement, user adoption, and partnerships.
 - b. Conduct workshops, webinars, and engagement sessions to involve the community.
 - c. Foster collaborations with relevant organizations and stakeholders for greater impact.
- 7. Affordable Housing Unit Design and Construction:
 - a. Collaborate with architects and designers to create sustainable modular housing designs.
 - b. Implement eco-friendly materials and construction practices.
 - c. Oversee the construction process and ensure compliance with affordability criteria and quality standards.
- 8. User Adoption and Expansion:

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- b. Gather data on key metrics, user satisfaction, and community impact.
- c. Prepare project documentation, including reports, case studies, and lessons learned.

Project Management Approach:

1. Project Team: Assemble a cross-functional team with expertise in social sustainability, housing, blockchain, development, design, marketing, and project management.
2. Agile Methodology: Adopt an agile project management approach, breaking down the project into iterative sprints with regular feedback and adaptation.
3. Communication and Collaboration: Maintain open and transparent communication channels, ensuring regular team meetings, progress updates, and addressing any issues promptly.
4. Risk Management: Identify and assess potential risks and develop mitigation strategies to minimize their impact on project delivery.
5. Stakeholder Engagement: Engage stakeholders throughout the project lifecycle, seeking their input, addressing concerns, and ensuring their involvement in decision-making processes.
6. Project Monitoring and Reporting: Regularly monitor project progress, track milestones, and report on key metrics, budget, and timeline adherence.
7. Continuous Improvement: Foster a culture of continuous improvement by conducting periodic project reviews, capturing lessons learned, and incorporating feedback into future iterations.

By following this implementation plan and adopting a robust project management approach, we ensure efficient coordination, effective communication, and successful delivery of the project's goals.

Regular monitoring, evaluation, and adaptation will be key to achieving a high-quality, impactful solution within the defined timeline and budget.

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• Deliverables:

- Project initiation documentation, including project objectives, scope, and key stakeholders.
- Detailed project plan with timelines, milestones, and resource allocation.
- Roles and responsibilities assignment document.

• Outputs:

- Clear understanding of project objectives, scope, and key milestones.
- Project plan and timeline for effective project management.
- Defined roles and responsibilities to ensure efficient team collaboration.

Milestone 2: Platform Development and Prototyping (Duration: 2 months)

• Deliverables:

- User requirements document, including functional and non-functional requirements.
- User interface design, wireframes, and mock-ups.
- Prototype of the platform with core functionalities.
- Usability testing report and user feedback documentation.

• Outputs:

- Detailed understanding of user requirements and expectations.
- User interface design and prototype for user testing and feedback.
- Usability testing report to identify areas for improvement and optimize user experience.

•

Milestone 3: Platform Deployment and Testing (Duration: 2 months)

• Deliverables:

- Deployed platform on the Cardano mainnet.
- Technical documentation, including deployment guidelines and API documentation.
- Testing reports for functionality, security, and scalability.
- Bug tracking and resolution documentation.

• Outputs:

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- Deliverables:

- Community engagement plan and outreach strategies.
- Partnership agreements and collaboration documentation.
- Workshop materials, including presentations and interactive sessions.
- Feedback and survey reports from community engagement activities.

- Outputs:

- Community engagement plan to foster user participation and involvement.
- Established partnerships for wider reach and impact.
- Workshop materials and documentation demonstrating knowledge sharing and community involvement.

Milestone 5: Affordable Housing Unit Design and Construction

(Duration: 2 months)

- Deliverables:

- Modular housing designs and architectural plans.
- Sustainability guidelines and material selection documentation.
- Construction progress reports and documentation.
- Quality assurance reports for affordability and sustainability criteria.

- Outputs:

- Modular housing designs meeting affordability and sustainability criteria.
- Documentation outlining sustainable practices and material selection.
- Construction progress reports showcasing the number of units built and their adherence to quality standards.

Milestone 6: User Adoption and Expansion (Duration: 1 month)

- Deliverables:

- User adoption strategy and marketing plan.
- Campaign materials, including advertisements and promotional content.
- User adoption metrics and analysis reports.
- User feedback analysis and improvement recommendations.

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Milestone 7: Evaluation and Documentation (Duration: 1 month)

- Deliverables:
 - Evaluation reports assessing project outcomes and success criteria.
 - Key metrics and impact assessment documentation.
 - Comprehensive project documentation, including reports, case studies, and lessons learned.
- Outputs:
 - Evaluation reports showcasing the achievement of project outcomes and success criteria.
 - Metrics and impact assessment documentation demonstrating the project's effectiveness.
 - Comprehensive project documentation serving as a knowledge base for future reference and replication.

Each milestone's deliverables, outputs, and intended outcomes are designed to contribute to the overall success of the project, providing tangible assets, documentation, and progress updates that reflect the project's development, user engagement, and impact.

As a result of our work, we aim to achieve several intended outcomes that align with the objectives of the project. These outcomes are:

1. Availability of an Open Source Modular Housing Platform:
 - a. Outcome: The creation of an open source platform that enables users to design, construct, and distribute modular housing units.
 - b. Measurement: We will measure the successful deployment of the platform on the Cardano mainnet and the availability of its core functionalities through user testing and feedback.
2. Increased Access to Affordable Housing:
 - a. Outcome: Increased availability of affordable housing units through the platform.
 - b. Measurement: We will track the number of affordable housing units designed, constructed, and distributed through the platform, ensuring they meet predefined affordability criteria.

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community in the housing development process.

b. Measurement: We will measure the level of community involvement through user surveys, feedback, and quantifiable metrics such as the number of user-generated designs, collaborations, and community event participation.

5. Adoption and Usage Metrics:

a. Outcome: Increased user adoption and usage of the platform.

b. Measurement: We will monitor metrics such as the number of registered users, active users, frequency of transactions, and growth in platform usage to gauge the adoption and engagement levels.

6. Environmental Sustainability:

a. Outcome: Integration of sustainable design principles and eco-friendly materials in modular housing units.

b. Measurement: We will evaluate the percentage of modular housing units built with sustainable features, such as energy-efficient designs, use of eco-friendly materials, and incorporation of renewable energy sources.

To measure the progress and achievement of these intended outcomes, we will utilize a combination of qualitative and quantitative metrics, including:

- User surveys and feedback: Conducting surveys to gauge user satisfaction, user experience, and overall perception of the platform.
- Usability testing: Analyzing user interactions and feedback during usability testing sessions to identify areas for improvement.
- Adoption metrics: Tracking the number of registered users, active users, and transaction volumes to monitor the growth in platform adoption and usage.
- Community engagement metrics: Assessing the level of community participation, collaboration, and event attendance.
- Affordability metrics: Monitoring the number of affordable housing units designed, constructed, and distributed through the platform.

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tiveness of our work.

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

Answer:

Here is a detailed budget breakdown for the proposed work and resources, ensuring that each element aligns with the plan and timeline.

1. Publicity/Marketing/Promotion/Community Engagement:
 - a. Social media advertisements and promotions:
A10,000.00
 - b. Community event organization and participation:
A5,000.00
 - c. Content creation (blog posts, videos, graphics):
A7,000.00
 - d. Marketing materials (brochures, flyers): A3,000.00
 - e. Total: A25,000.00
2. Project Management:
 - a. Project manager (part-time): A15,000.00
 - b. Communication and collaboration tools: A2,000.00
 - c. Travel and accommodation for team meetings:
A5,000.00
 - d. Total: A22,000.00
3. Documentation:
 - a. Technical documentation and guides: A3,000.00
 - b. Reporting and analysis documentation: A2,000.00
 - c. Total: A5,000.00
4. Reporting Back to the Community:
 - a. Reports and case studies preparation: A3,000.00
 - b. Presentation materials and visuals: A2,000.00
 - c. Total: A5,000.00
5. Development Resources:
 - a. Developer salaries and fees: A30,000.00
 - b. Testing and quality assurance tools: A2,000.00
 - c. Total: A32,000.00

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ence and make any necessary modifications.

[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.

<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://github.com/txpipe>

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

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Answer:



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2. Quality and Expertise:

- a. The costs reflect the need to engage a team of professionals with specialized knowledge in social sustainable integrated strategies development, blockchain technology, software development, design, and project management. The expertise and quality of the team contribute to the value delivered by the project.

3. Time and Effort:

- a. The costs account for the extensive time and effort required to develop, deploy, and manage an open source modular housing platform on the Cardano ecosystem. They encompass the resources needed to complete each milestone within the proposed timeline.

4. Country's Average Wage and Freelance Rates:

- a. The costs have been benchmarked against the average wage in the country or typical freelance rates in the industry. By ensuring that the costs are proportional to these benchmarks, the project aligns with local economic considerations.

Supporting Evidence:

1. Market research and analysis of prevailing rates and wages in the relevant industries have been conducted to determine the appropriate cost estimates for the project. Comparisons have been made with similar projects, professional service providers, and industry standards to ensure that the costs are fair and reasonable.
2. Reference points such as industry reports, freelance platforms, and consulting firms' data on market rates have been considered to validate the reasonableness of the cost estimates.
3. The expertise and experience of the @energiasocial and @txpipe teams, as well as their respective track records and references, demonstrate their value and competence in delivering projects of this nature.

Overall, the costs associated with the project are proportionate to the value delivered, considering the expertise required, the industry standards, and the local economic context. By investing in the

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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.

Investors can recover their investment but not get rich and therefore the benefits are reinvested in the organization so as not to divert the social mission of the company.

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

TxPipe.io

TxPipe.io

Open-source software for a decentralized world.



[https://www.linkedin.com/company/txpipe/ ^](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://twitter.com/txpipe_tools ^](https://twitter.com/txpipe_tools)

X (formerly Twitter)



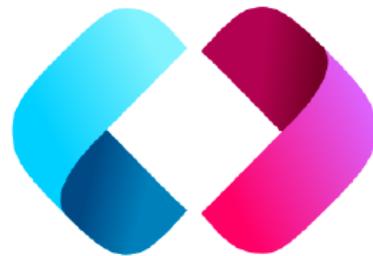
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<https://twitter.com/energiasocialco> ^

X (formerly Twitter)



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

GitHub

[energiasocial - Overview](#)

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



< Submit proposals



< Finalize



< Community Review

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The logo consists of a circular icon with a stylized brain-like pattern inside, followed by the word "Catalyst" in a serif font, with "— SINCE —" in a smaller sans-serif font below it.

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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

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