



Texas A&M University

Solar Texas

Jury Presentation

March 28, 2023

Project Narrative

Solar Texas | Texas A&M University (TAMU)

Project Tagline: Net-zero begins at home.

Solar Texas is a collaborative project between the Texas A&M School of Architecture Departments of Architecture and Construction Science and the College of Engineering Department of Architectural Engineering in partnership with the Brazos County non-profit Habitat for Humanity to bring resources to the working poor. The following narrative links the team's website, social media accounts, and on-site public exhibition materials.

Solar Texas Website:

• https://www.arch.tamu.edu/solartexas/

Articles about the Solar Texas project:

- https://www.arch.tamu.edu/news/2022/12/06/solar-decathlon/
- https://engineering.tamu.edu/news/2023/02/mtde-texas-am-team-selected-for-solar-decathlon-build-challenge.html
- https://www.arch.tamu.edu/solartexas/news/2022/12/designing-a-cost-effective-net-zero-home/

Social Media Accounts for the Solar Texas project:

- LinkedIn: https://www.linkedin.com/feed/update/urn:li:activity:7027004241059733504
- Facebook: post: https://www.facebook.com/558605342934952/posts/630357605759725
- Instagram: https://www.instagram.com/tamusolartexas/

Social Media Accounts Analytics:

The Solar Texas project has a monthly reach and following of 12 million individuals. It is followed by some of the world's biggest firms in architecture & engineering. (See Figure 1 and Figure 2 below). This is a positive and exciting opportunity for the students to showcase their entrepreneurial spirit and ingenuity.

On the flip side, the opportunity to engage with the neighborhood has brought some sobering information to the team. An unintended consequence of building a series of Habitat for Humanity homes in this particular location of the City of Bryan is that local landlords have increased rental income on area residences. Some of these neighbors have been in the area for 15 years or more and have not experienced this before. The team is learning real lessons and challenges with community development and urban revitalization projects, something

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that is harder to learn in the classroom. The images below, Figure 3 and 4 show the team members interacting with the neighborhood. Fortunately, several of the team members are bi-lingual and were able to converse with the neighbors in Spanish.

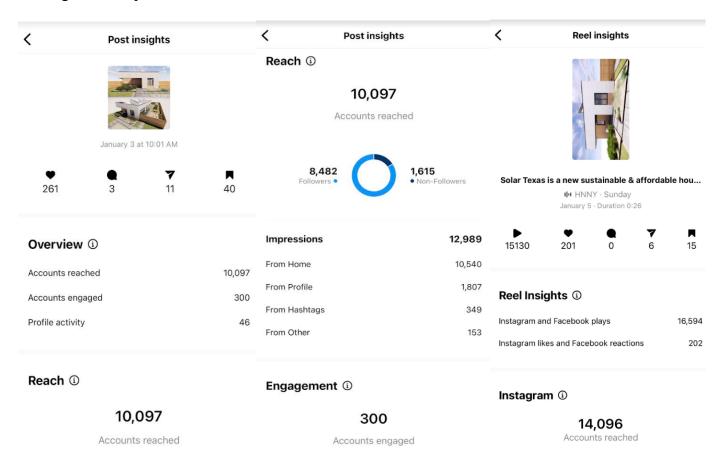


Figure 1: Instagram/Facebook Campaign Analytics

Social Media Campaigns

The Solar Texas Net Zero Home project struggled to increase its online presence and reach its target audience effectively. That's when they decided to partner with Archiseeker Digital Media, a leading digital marketing agency in Architectural Design. Archiseeker Digital Media's team of experts worked closely with Solar Texas to devise a comprehensive online marketing strategy that included SEO optimization, social media marketing, and email campaigns. As a result, the partnership generated close to 30 thousand impressions, greatly increasing Solar Texas's online visibility and boosting their project's global exposure. The successful campaign brought in new partnerships and helped Solar Texas establish a strong online presence that continues to benefit them today (Figures 1 & 2).





Figure 2: Archiseeker Analytics



Figure 3: SolarTexas Team interacting with local residents as the project began construction.



Figure 4: SolarTexas Team interacting with local residents. Interestingly, since the beginning of the project, local landlords have increased rental income on area residences, many of whom have been in the area for 15 years or more.

Media Campaign Flyer

The Solar Texas Net Zero Energy Home team has been working to spread information about the Solar Decathlon project in the local community through the faculty and students network to the Texas community through the advisory councils from Architecture, Construction Science, and Architectural Engineering Industry Advisory Board members and nationally through our donors.

A sampling of the flyers and PPT presentations made to various groups inside and outside the university are attached below.



Figure 5: Solar Texas team flyer announcing its partnership with B/CS Habitat for Humanity

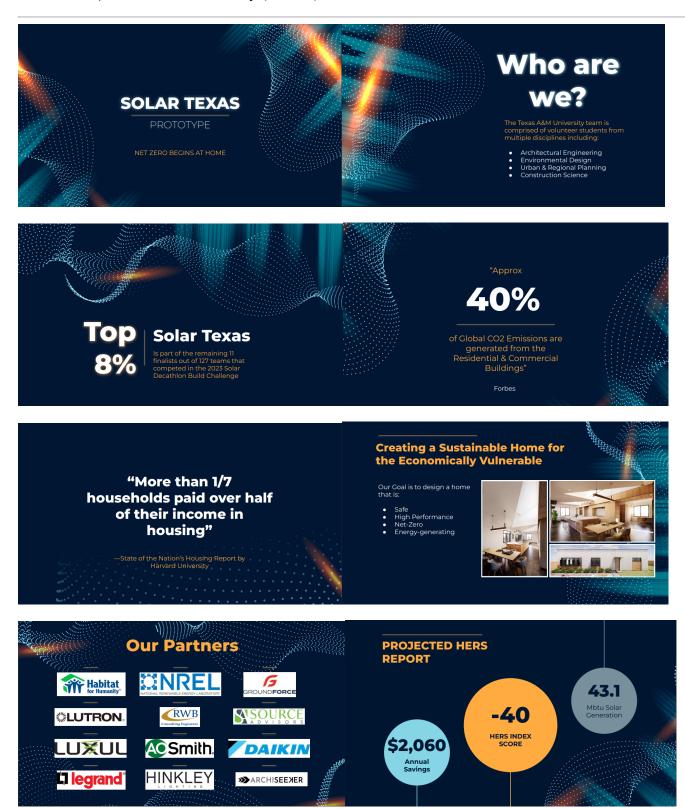


Figure 6: Presentation given to the Architectural Engineering Industry Advisory Council 2023

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Energy Conservation We have the



Potential for AREN

AREN Avareness

People will learn what our program is about

More people will join

Program will match national level recognition

Benefits for AREN

Hands on experience for dudents

Develop dails for future careers

Form connections with companies and organizations

Potential for You

What benefits you?

Aide a good cause
Recognition in all promotional literature
Presence on TAMU & AIESN velocitie and social media for Solar Texas
Broad recognition within College of Engineering & compus at large
Potential pool of interns / access to secure talent

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The Few | The Proud

15 16





Figure 7: Presentation given to the Architectural Engineering Industry Advisory Council 2022