

Blue Mustangs Solar Decathlon 2017 Audio-Visual Presentation

Script:

- 1.) “Today I’m declaring a drought emergency in the State of California. It’s important to awaken all Californians to this serious matter of drought and the lack of rain. We are in an unprecedented, very serious situation and people should pause and reflect on how dependent we are on rain, on nature, and on one another”. **Licensed for public reuse under Creative Commons Attribution License:**
<https://www.youtube.com/watch?v=VAwrnqVyqZw>
- 2.) “At just over 900 square feet, Our H2Ouse targets the ZNE-friendly home markets of Sacramento and Yolo county. Our H2ouse is designed around 3 main pillars: to be drought resilient, educational, and inclusive. The home features an industrial modern rustic aesthetic to represent the diverse urban and rural areas of California”.
- 3.) “The home eliminates potable outdoor water use by storing greywater and rainwater, and irrigating plants with simple yet highly efficient methods”.
- 4.) “However, its main innovation lies in its monitoring, analysis, and occupant engagement in water conservation in and around the home.
- 5.) With integrated battery storage, the home’s solar system can produce all the power occupants use during the day and night, while an energy management system can direct excess energy back to the statewide power grid.
- 6.) “It also features super-insulated, 12” thick exterior walls that are made from bamboo, a floor and roof system of structural insulated panels, and aerosol-based sealing. These building strategies result in superior insulation that allows for more passive maintenance of indoor air temperature”.
- 7.) “These are just a couple of the many features that make Our H2Ouse the future of sustainable residential development within California”.
- 8.) “Our H2ouse is a water and energy efficient home that uses engaging and thought-provoking information feedback devices to influence occupants to adopt more conservative practices.
- 9.) “Our H2ouse features 2 bedrooms and 1 bathroom, as well as one private and public exterior deck space.
- 10.) “Team Blue Mustangs is proud to introduce their second entry into the US Solar Decathlon, and looks forward to engaging competition judges and visitors with Our H2Ouse”.

Video filmer and editor: Cassie Boris

Voice over: Jerry Brown, Peter Son-Bell, Bal Sah, Alice Park, Geoffrey Mangalam

Filmed students, listed in order of appearance: Bal Sah, Ruben Ochoa, Bal Sah, Peter Son-Bell & Brye Elyacy, Janwen He