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1 PRODUCING OF THE VIDEO

Camera: Jurjen van den Hengel

Edit: Jurjen van den Hengel, Janiek van der Palen and Maela Verschuren

Voice over: Robin Sikkens

Music: Timelapse Dubstep & Future Bass

Poem: Lana van Nuissenburg

Producers: Jurjen van den Hengel, Janiek van der Palen and Maela Verschuren

Animators: Janiek van der Palen and Maela Verschuren

Render video: Edwin van der Kroft

2 SEEN IN THE VIDEO

Team: Emiel Hofman, Edwin van der Kroft, Tim van der Wal, Joël de Koning, Anne Borst, Esther Nijenhuis, Tessa Caine, Hans Hoving, , Chris Graafmans, Kalan Sahin, Halil Öztürk, Martijn Oskam, Ruben Bultman, Jelle Wenting, Koen Maas, Harold van Faassen, Milou Meurkes, Patrick van Dam, Kars Slagter, Wilko Planje, Joost Cornelisse, Wilmar van Dijk, Ludo Teirlinck, Arif Duman, Renee van Noort, Wouter Engelse, Rogier Laterveer, Liza Zjyrova, Thijs Barkmeijer, Wouter van Amerongen, Sjors Peeters Weem, Bart Vos, Janiek van der Palen, Kadri Akbas, Milan Dammingh, Maurice de Bruin, Joran Veenman, Huib Snijder, Ben Hassing, Henry Zwaving, Robert Molenaar, Marciano Mascini, Carolina Halevy, Robin Stuiver, Danique Besslink, Linn Holleman, Martin Moinat, Arjen Blok, Remco Pollé, Mart Knook, Jesse Frericks, Tom Heimweg, Vivian Yip, Julia van de Warenburg, John Driedonks, Jan Willem van den Boogert, Kasper van Tuil, Eva Pijnappel, Lana Timmermans, Anne Slegten, Lorenzo Gentili, Amin Godarzi Nejad, Jason Hoogerbrug, Jan Reinier van de Kieft, Meine Jansma, Mads de Kock, Thijs Morel, Solenn Walstra, Kayan Lam, Maela Verschuren.

3 MUSIC IN THE VIDEO

Internet link music:

[“Timelapse Dubstep & Future Bass”](#)



4 TEXT VOICE OVER

Change

The human race, the most dominant race on earth, has an instinct to improve this planet, we call home.

We invent

We create

We build

We grow

We forget: change affects.

Did we ran out of time?

No

We can also change in favor of the earth. By reusing, saving and decreasing the footprint we create by living.

So, if only there was a house...

With **solar panels** that use and store energy to share with everyone.

If only there was a house

With modular elements that allows residents to resize. To live smaller, or even bigger, depending on their stage of life.

*If only there was a house with **efficient use of materials**. Such as having an isolation of residual paper, or a modular frame made of wood that has come from durable forest management.*

One that doesn't need gas, external energy, liters of water, illegally logged wood, old fashion bricks, carbon or even toilet paper.

One with a heat pump that warms you automatically in the winter and cools you in the summer.

A place to come home to, that makes life easier. A house that is not only sustainable, but also able to sense your needs.

If only there was an affordable house like that...

We just happen to build one.



We are building the Selficient house.

- Solar Panels
- Vehicle Charging Station
- Centercon Module, controls Hvac systems
- Entrée
- Bathroom with shower
- Bedroom on the south
- Pergola
- Living Room
- Kitchen
- Walking deck around the house

Our house has three core elements

It is built with a modular system. The house can be changed at all times due to its scalable function. Resizing the house, or replacing parts when damaged, are realistic possibilities. Besides that, the modular systems makes it possible to reduce the energy use during the building process.

It is fully Self-sufficient, by using Solar Panels, a heat pump and smart technologies. The Solar Panels can generate its own energy, the heat pump controls the temperature which means that there will be a minimal use of energy. To do this effectively the house includes a battery to store the energy and it uses only when needed. All of these elements are connected to a smart technology system.

It is designed with a Circular philosophy

So instead of the standard linear approach 'make, take and dispose' we will fully use the resources and make sure that is possible to reuse it.

But who are we?

We are Selficient, a multidisciplinary group of students from the University of Applied Sciences. We are all kind of engineers, we are young and eager to show the world what we can do to change the world for the better. We've been working 2 years on the Selficient house. And now, finally, we will proudly present it to you at the Solar Decathlon 2017. We are Selficient, it is time to meet us.



But this time in person, see you in Denver!