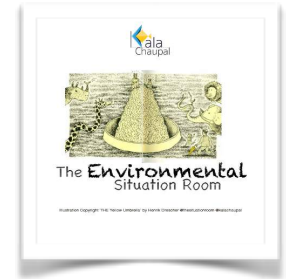


A  
special  
mid week  
feature

# Grasshopper.

“Sustainable Living In The Future”



***‘Vidyut is in the new breed of Maker/Designers that will need to address world challenges in sustainable mobility.’***



#### **Introduction**

As the world copes with the ongoing plight of Covid 19, the issues it has brought forth are of grave importance. The grasshopper project was done in 2019 with sustainability in mind.

I wanted to focus on sustainability being more of a way of life than just a trend. Humans have done it before, albeit 10000 years ago when we were inherently nomadic. However our consumption of resource was purely need based.

Fast- forward to 2020 and while we are on lockdown, nobody is focused on consuming anything but the essentials. No clothes, No gadgets, No cars, No accessories. Just food and water and what we already have. The impact on the environment has been so evident that we marvel at the fact that we can see stars.

Shouldn't this be the time where we reflect on what we do to hurt the environment on a daily basis and change the way we think and behave. I do feel we need a simpler way of life. Hence i present a project that is relevant to the scheme of things.

**VIDYUT NAIDU**

A special  
mid week  
feature



automation

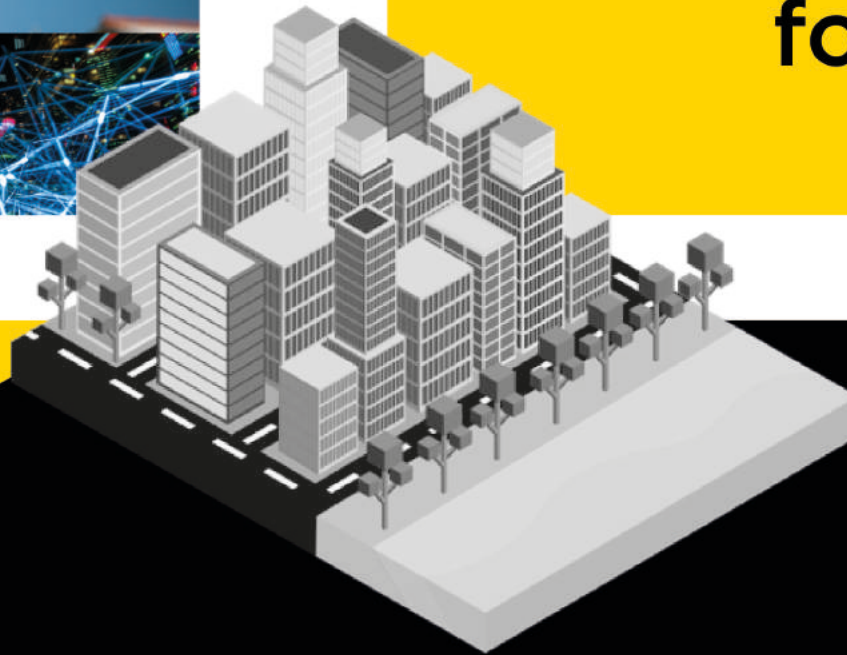
smart logistics

hyper connectivity



# “Urban Living may not be the future for many”

Automation would lead to people having far more time on their hands and much less reason to live in cities that are plagued by various issues ranging from costs to pollution.



The present is a tell tale sign of changing times with the ability to automate manufacturing at a large scale, deliver essentials anywhere and the ever increasing connectivity boom. All of these factors make living as a nomad much more feasible in the future.

Mass Urbanisation



noise



air quality



stress



automation

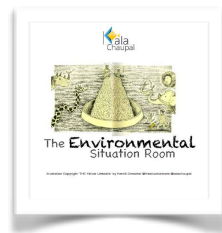


space



water quality

A special  
mid week  
feature



# // Nomadic living as the next salient lifestyle trend

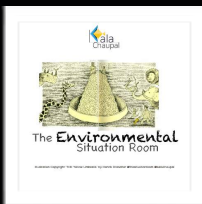
the **concept**

lifestyle

mobility

architecture

A special  
mid week  
feature



the **design**

part 1

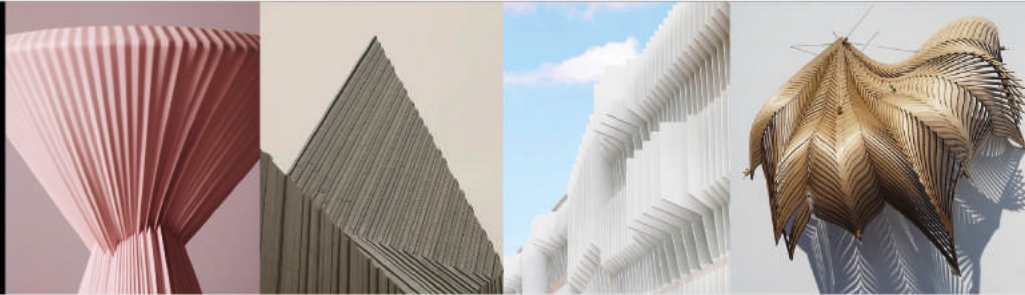
part 2

**MOBILITY** - The mobility allows for flexibility for the user in order to be able to move without constantly moving the home space.

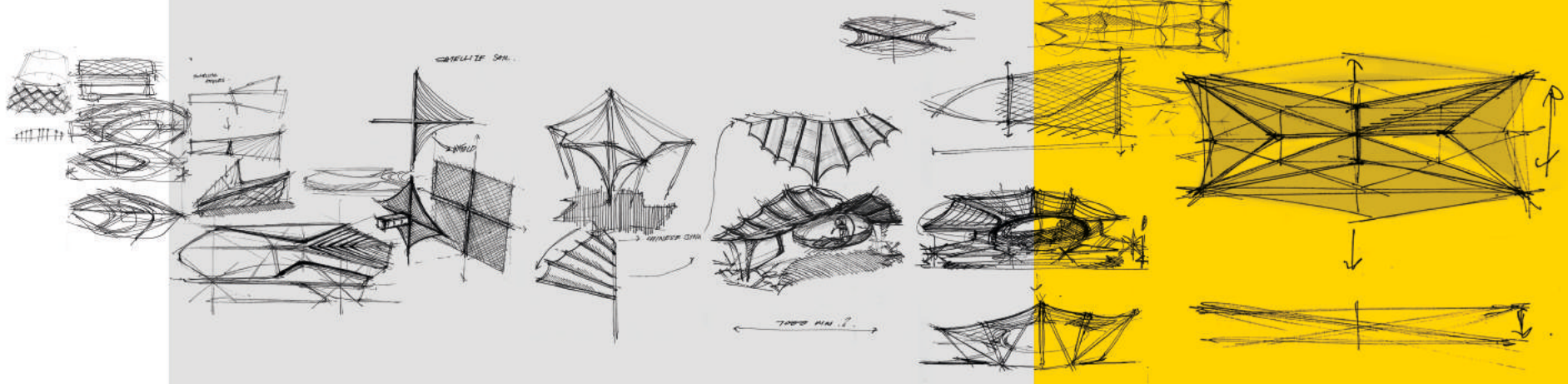
**HOME** - While the user is out, the home is left in the space/ areawhere they are settled.

**SECURITY** - In such a situation, the home can be compacted to secure the belongings within as well as provide secure transit





The present is a tell tale sign of changing times with the ability to automate manufacturing at a large scale, deliver essentials anywhere and the ever increasing connectivity boom. All of these factors make living as a nomad much more feasible in the future.



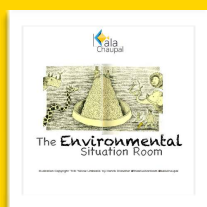
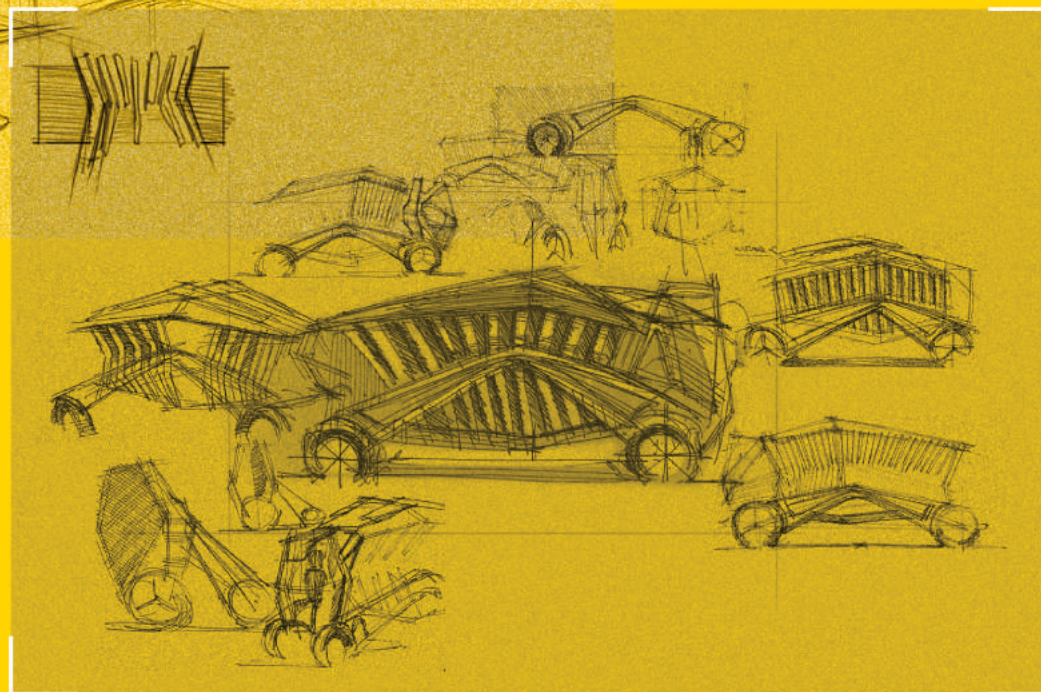
A special  
mid week  
feature



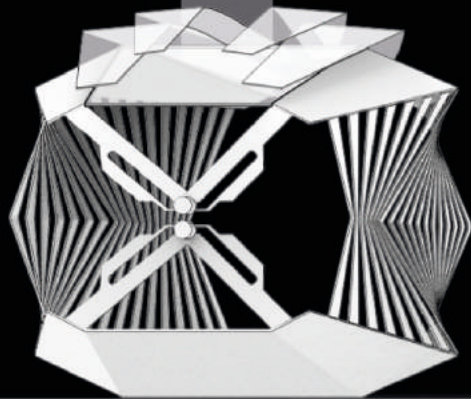


the**design**

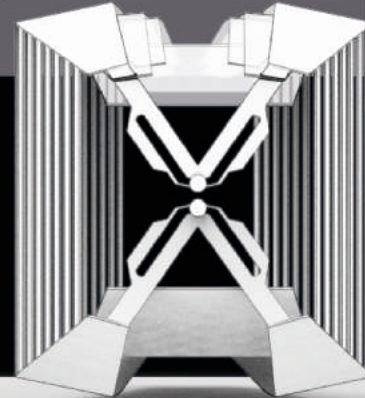
Creating synchrocity between the mobility pod and the home structure was of key importance. Although the form comes from grasshoppers, it still required ideation in order to create a distinct end result.







The first stage of the living space is its expanded version designed for living. the space is geared for upto three people i.e. a couple and their child.

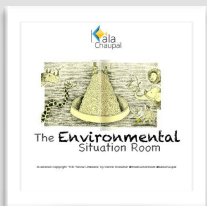


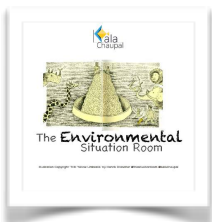
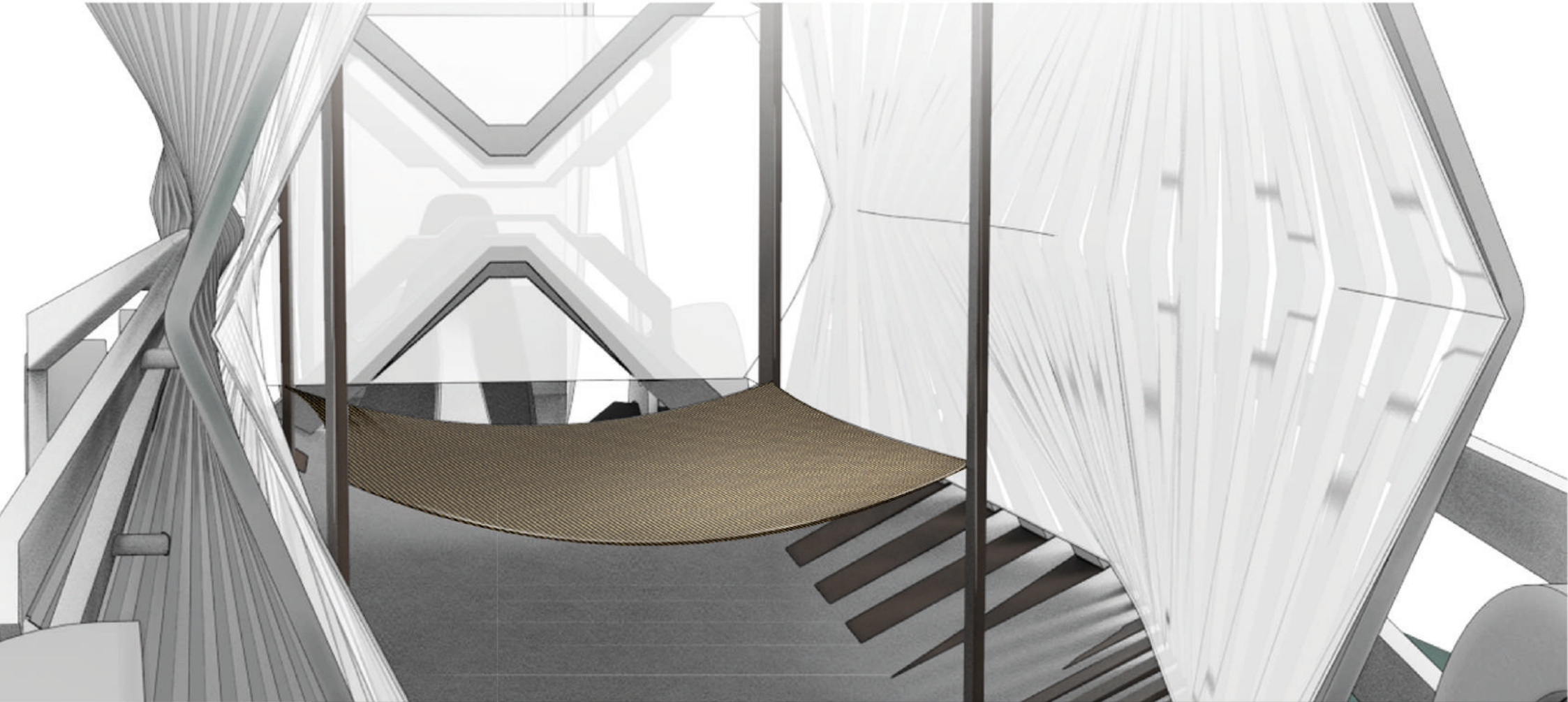
The second stage represents the closing of the structure and the belongings within to maintain the security and movement aspect of the mobile home.



The third stage is the fully closed version of the structure which is set up for when the home is on the move or the occupants may not be there.

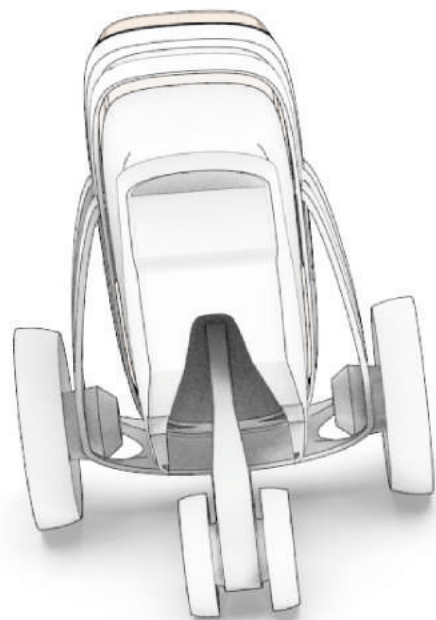
A special mid week feature





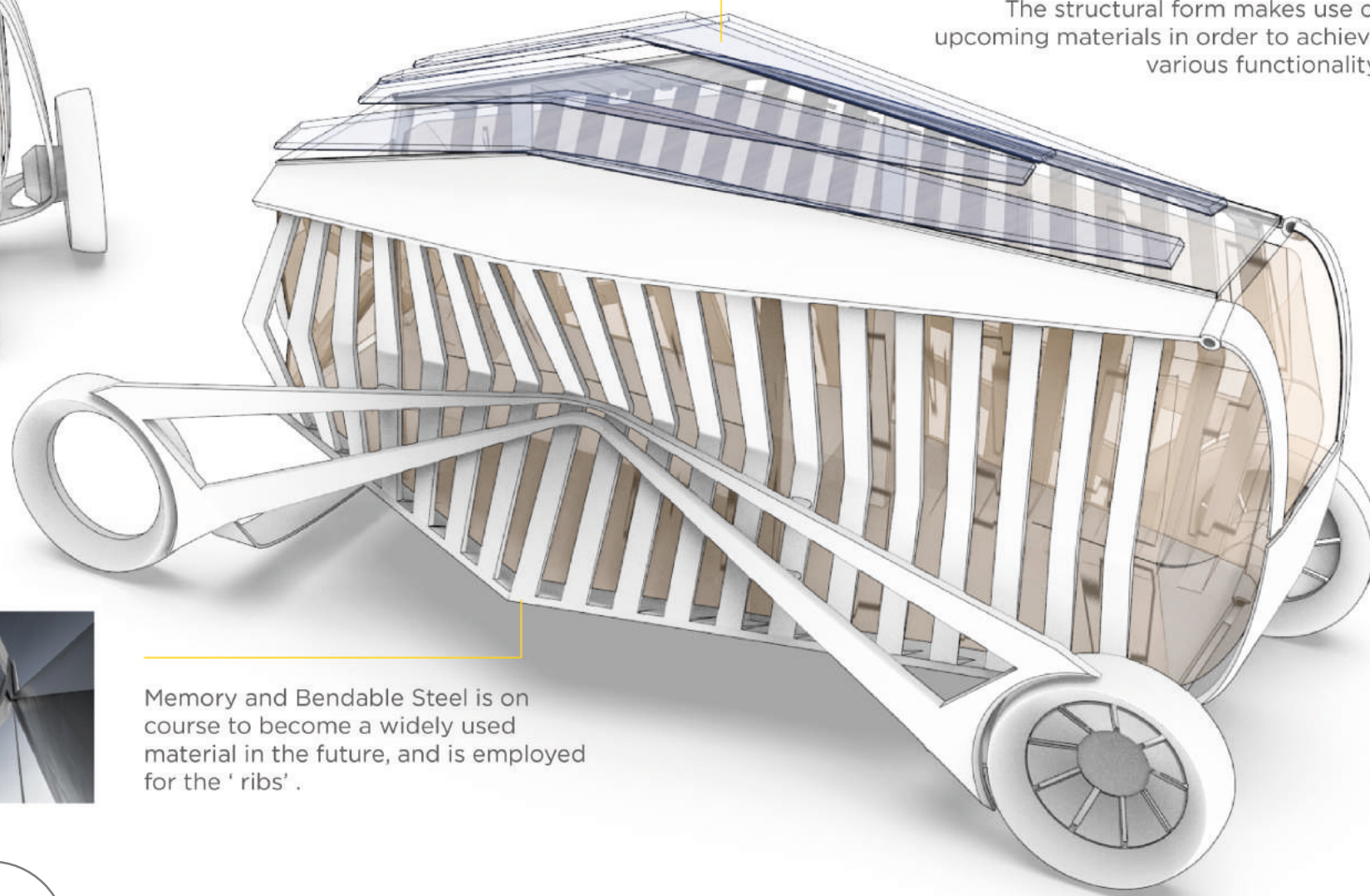
Natural Bio degradable fibres that come from Kerala, where they have created leatherlike material that comes from coconuts and is suitable for interior applications.



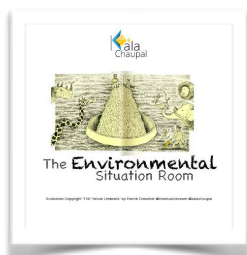


Solar panels for the purpose of capture sunlight and making the living space far more self sustaining.

The structural form makes use of upcoming materials in order to achieve various functionality.

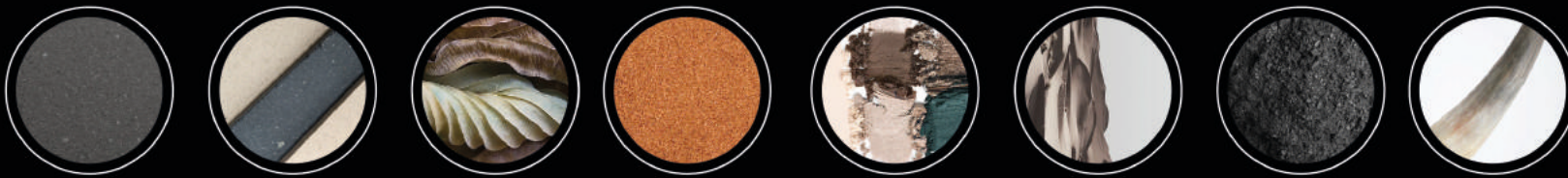


Memory and Bendable Steel is on course to become a widely used material in the future, and is employed for the ' ribs' .



A special  
mid week  
feature

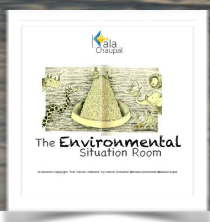




The grasshopper is designed to promote a more sustainable way of life where people consume less, thereby reducing the strain on our planet. It's surrounding environment can keep fluctuating between different natural habitatse and hence, it is important to share possible Color Material and Finish palettes to better reflect the concept.

the**color**

A special  
mid week  
feature





A special  
mid week  
feature

the grasshopper







## NOMADISM.

Nomadism is a lifestyle adapted to infertile regions such as steppe, tundra, or ice and sand, where mobility is the most efficient strategy for exploiting scarce resources.



The three aspects that have historically defined the nomadic existence of tribes around the globe.

shelter



mobility



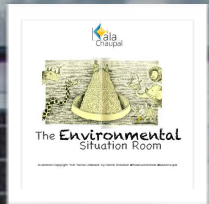
resources

In recent years, there has been a surging trend towards tiny home living, which is becoming more and more reminiscent of the nomads of the old. This trend has been brought about by the need for consumers to downsize. Downsizing allows for them to reduce financial stress as well as mental stress

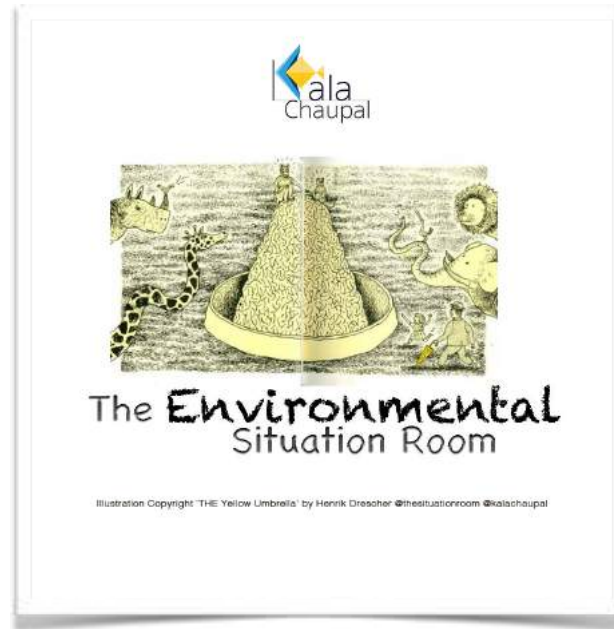
# SUSTAINABILITY



“It’s time to start using less, consuming small, conserving more and living BIG”







#thechaupalspeaks #theenvironmentalsituationroom@kalachaupal

