

**Founder: Adeel Khan**

- Father, serial entrepreneur
- Team building, sales, business development, project management.
- "Keep trying and keep improving. Do not settle."

**Engineer lead: Rusith Gimhana**

- Mechanical engineer: BEng from Curtin University, Australia
- Passion: Enable moonshots, in an engineering sense.

# Team



# Vision

7.1

Enable a world or worlds of  
abundance, by going to space.

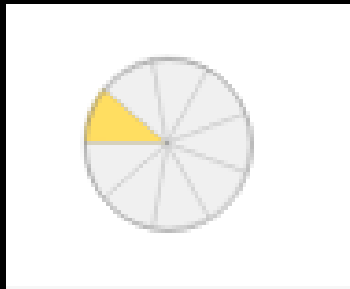


# Two areas of focus

7.1

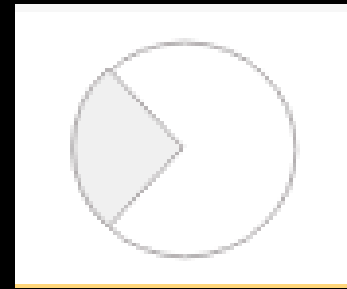
- Healthy foods by going to space ←
- Whole Foods for all.
- A global policy for healthcare

Hungry  
people in  
the world  
1 in 9



Moderately or  
severely food  
insecure:

2 billion (26.4%)



Source [WHO](#)

We are convinced that there is a way to enable Whole Foods for all. Including for ourselves!

# Mission

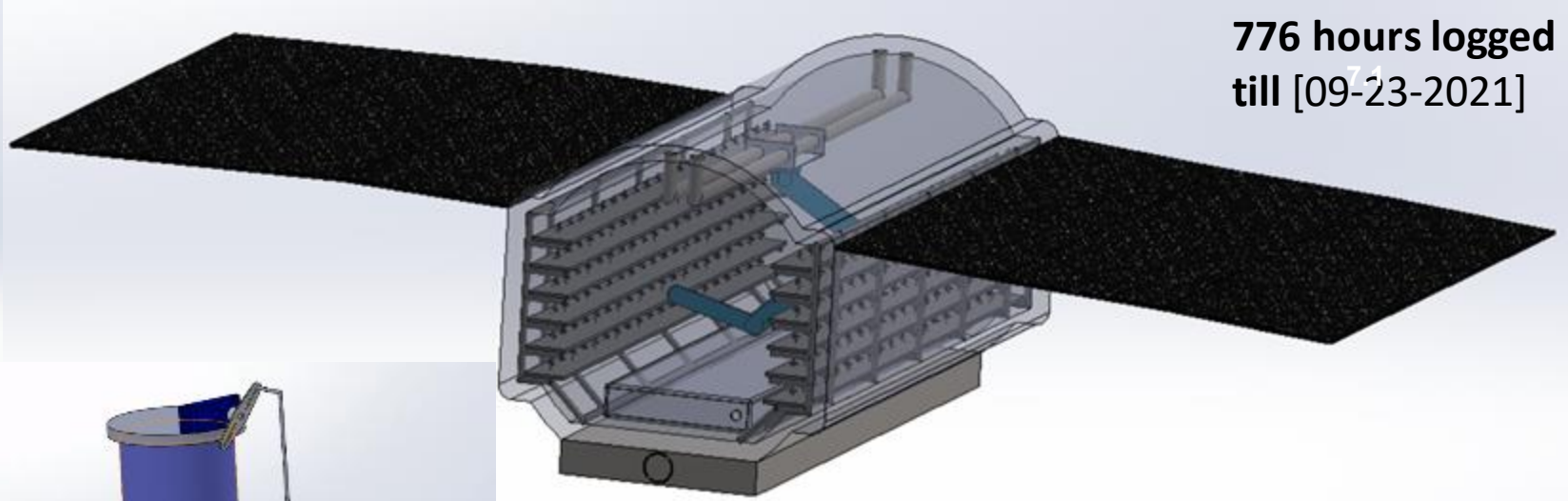
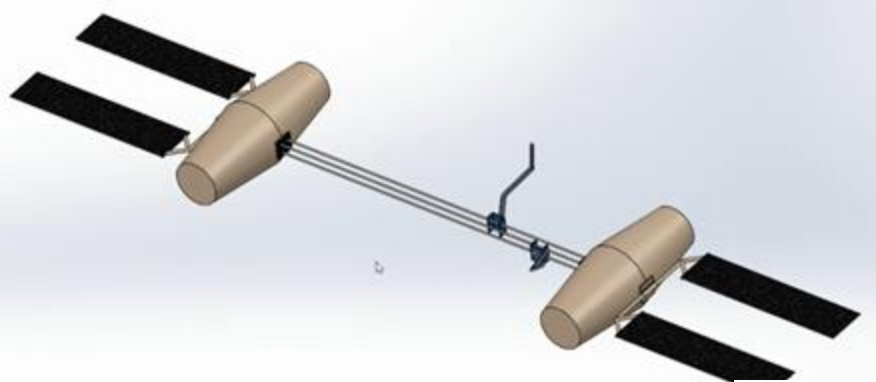
7.1

- #zerohunger by Christmas 2030
- Help enable a foundation for an industrial base in space

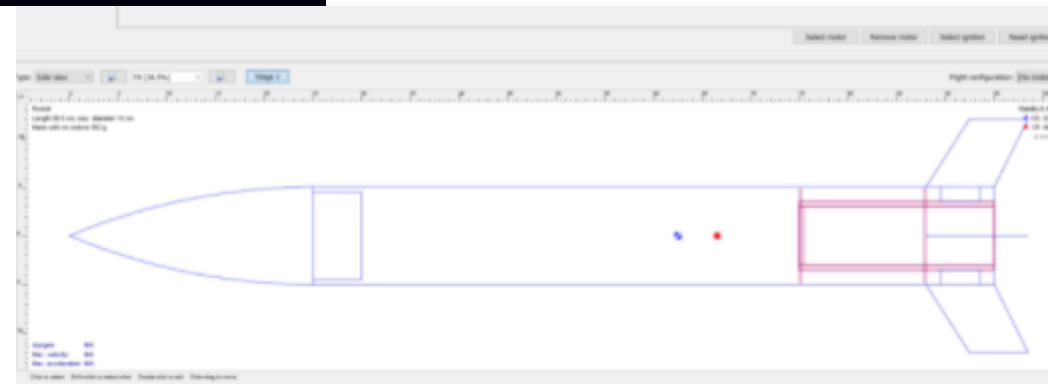
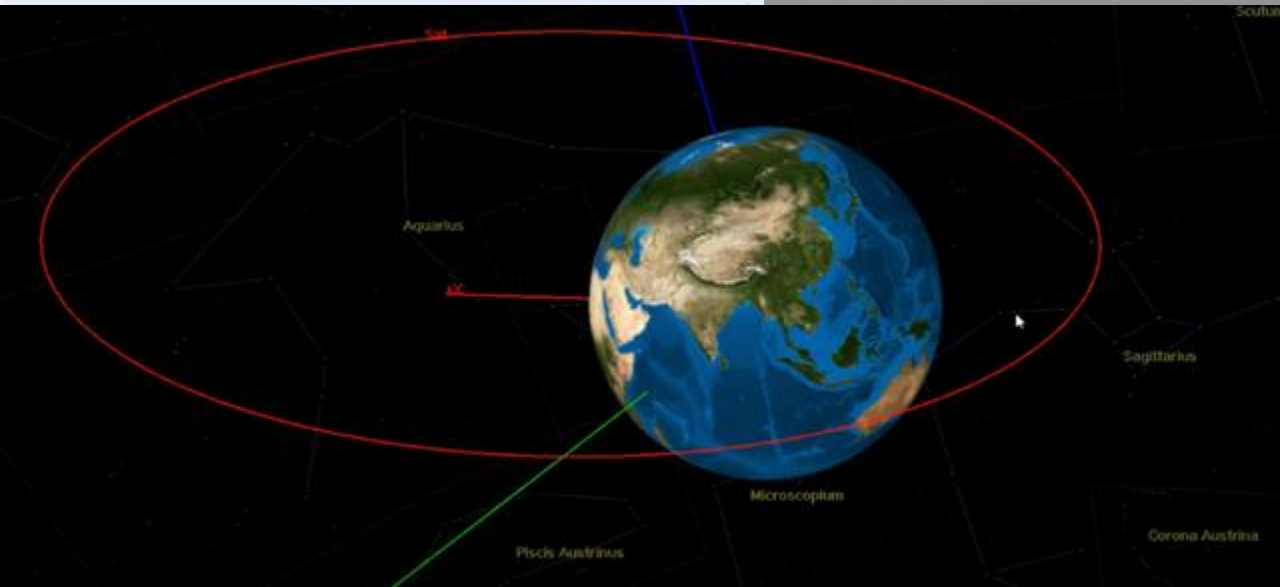
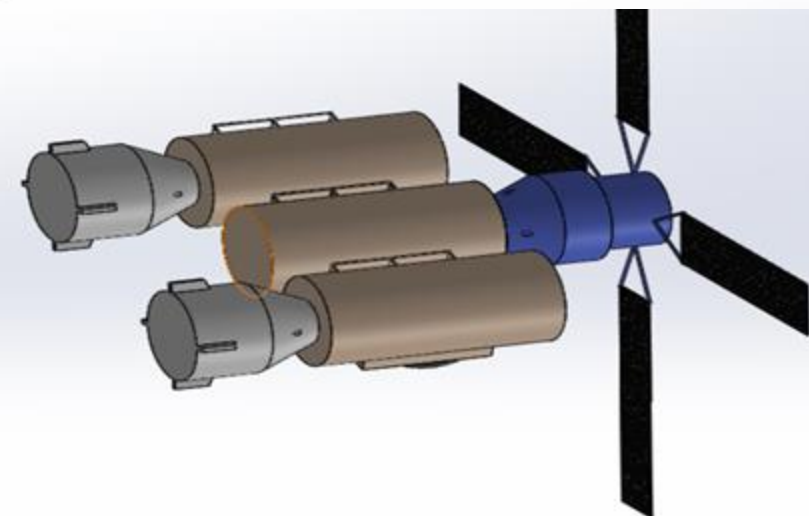
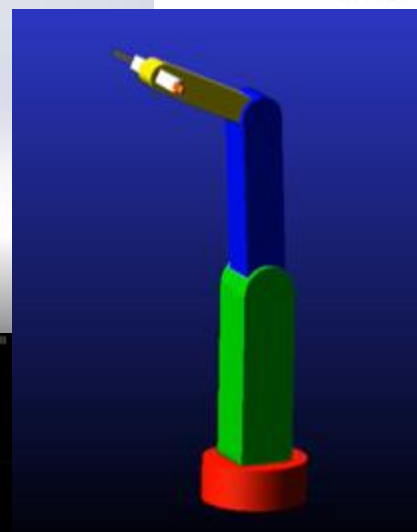
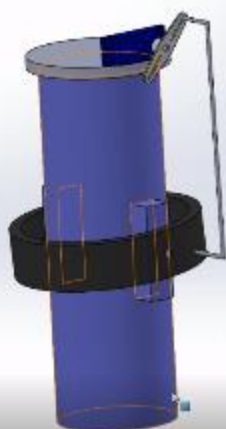
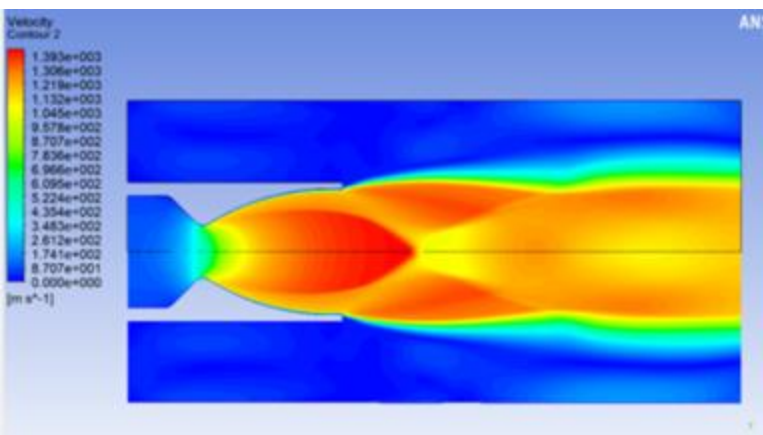
By:

- Growing food, organs in space
- Making vaccines in space
- Manufacturing in space

Started daily practice on January  
2021. (last year)

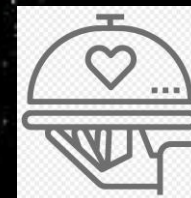
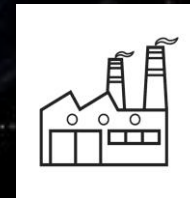


776 hours logged  
till [09-23-2021]





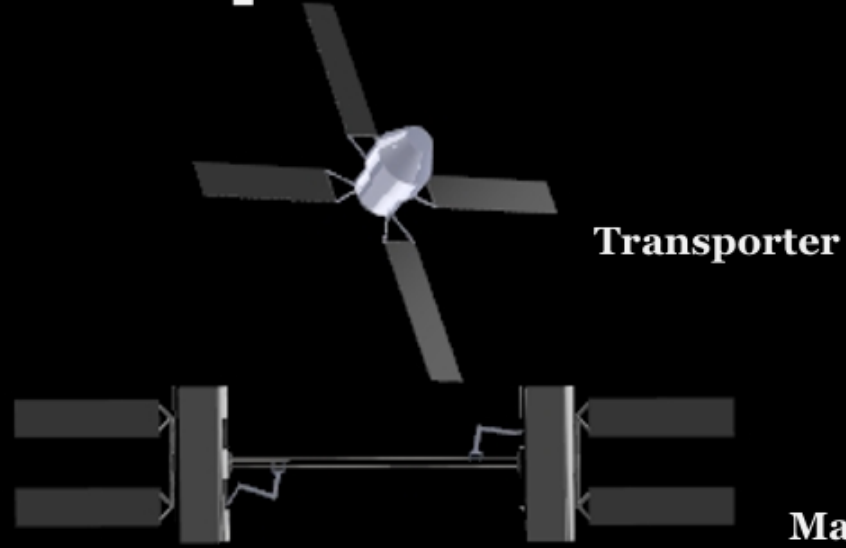
# AMU – Autonomous Manufacturing Units





# AMU [Autonomous manufacturing units]

7.1



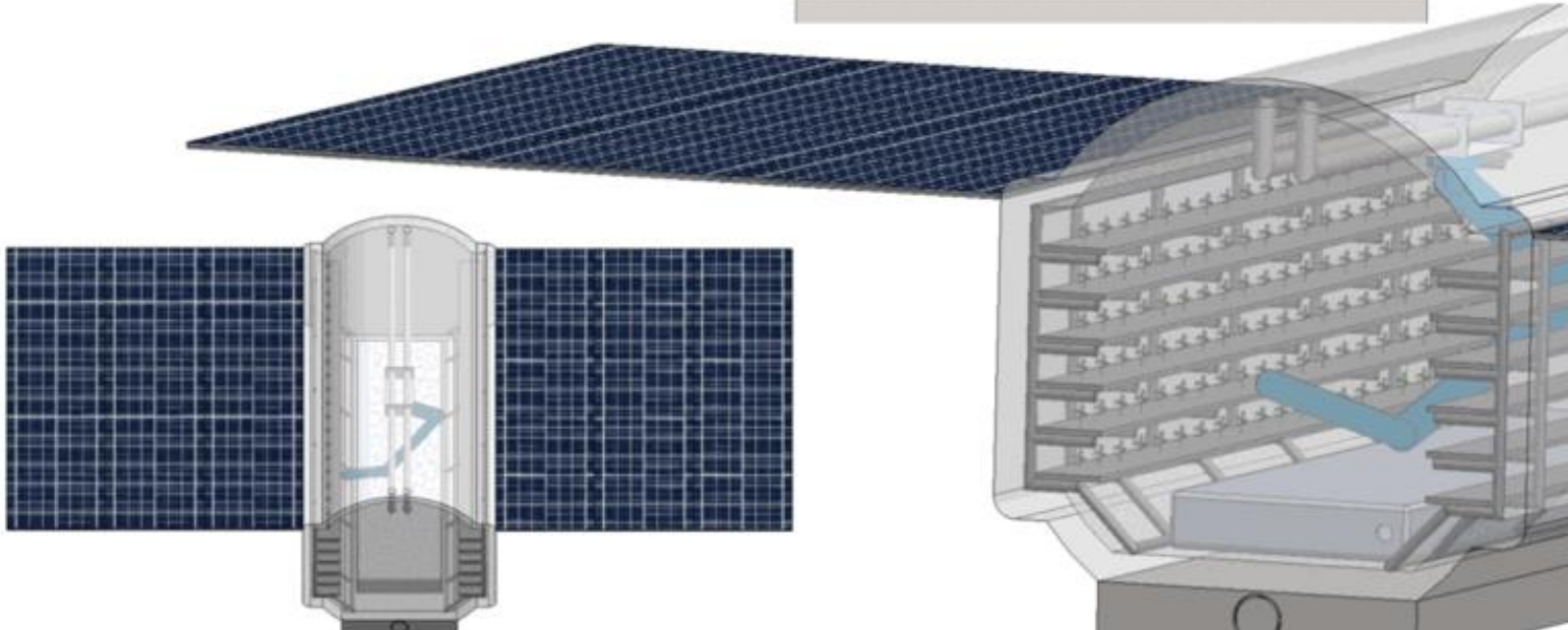
**Core components**



# Greenhouse in orbit

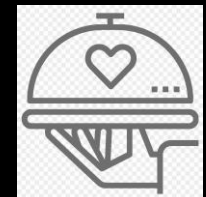
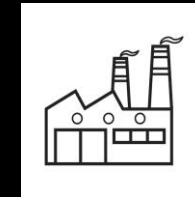
7.1

## Orbiting Greenhouses



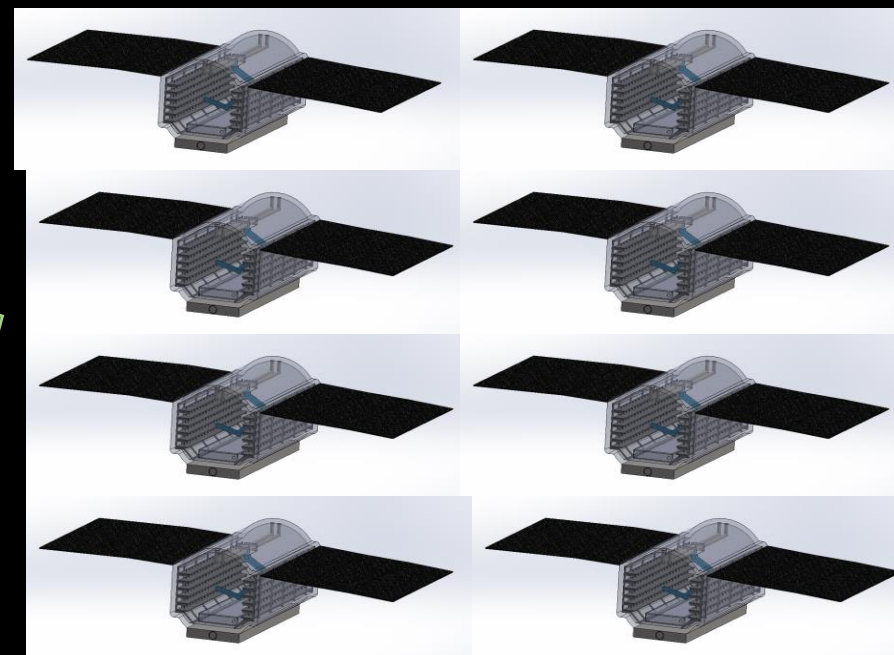
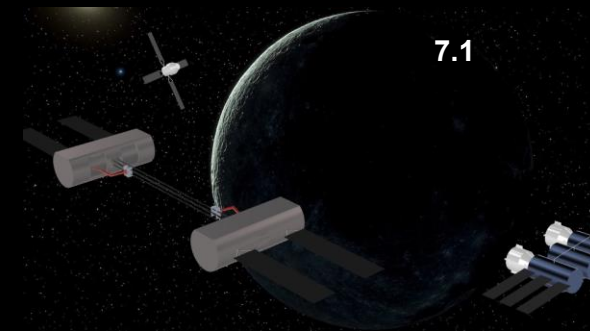
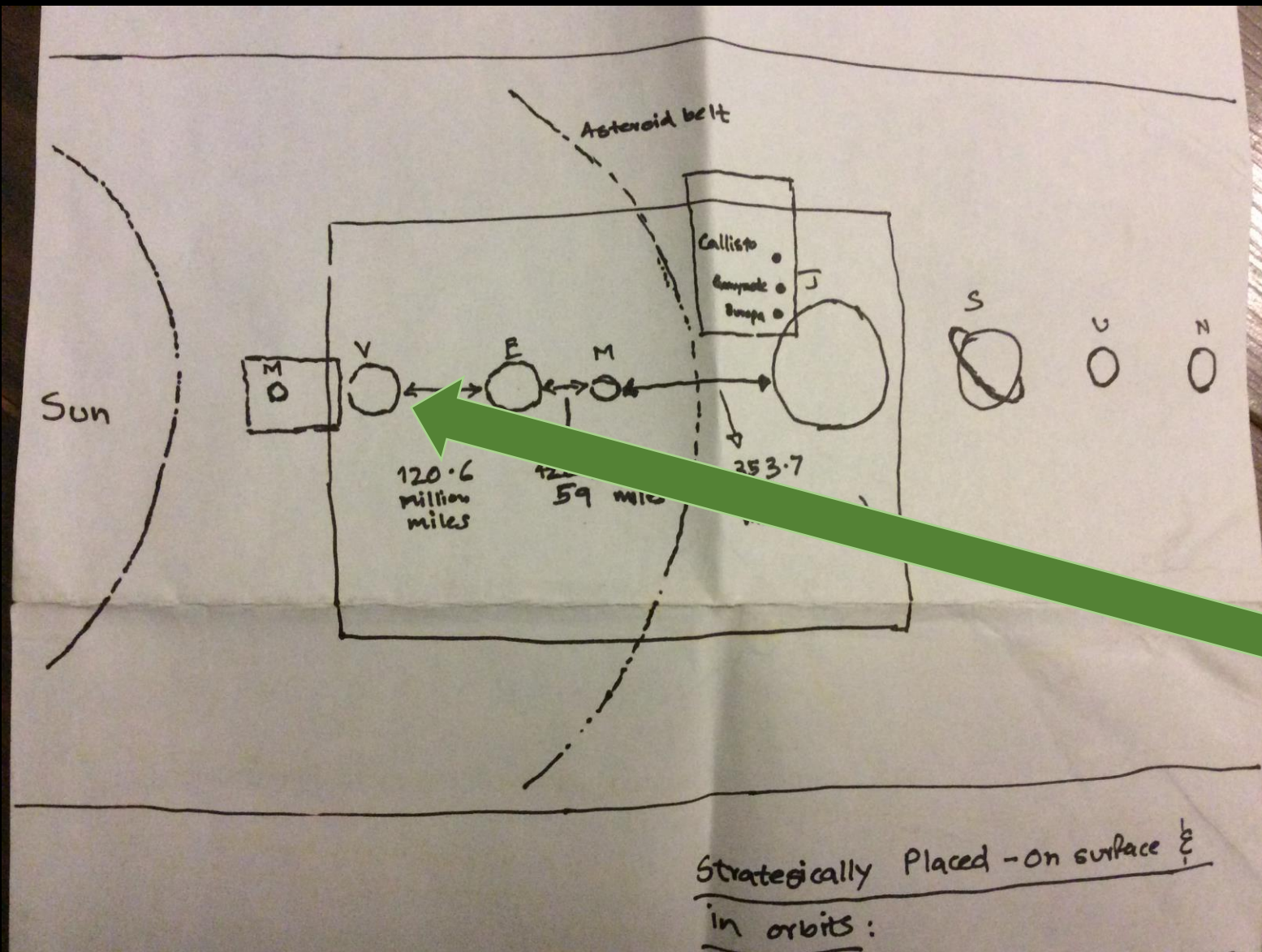
[Link to gif:](#) for PDF versions

Note: The designs for the 'IPPSM' are borrowed from Planetary Resources patents in the '[public domain](#)'.



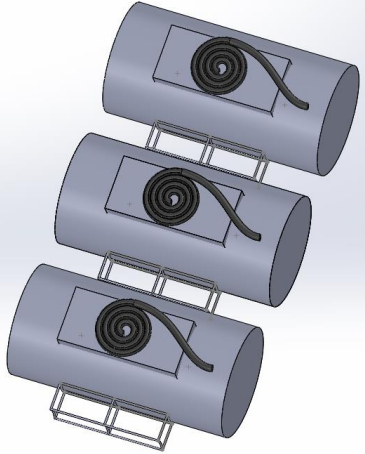


# Secure Domain

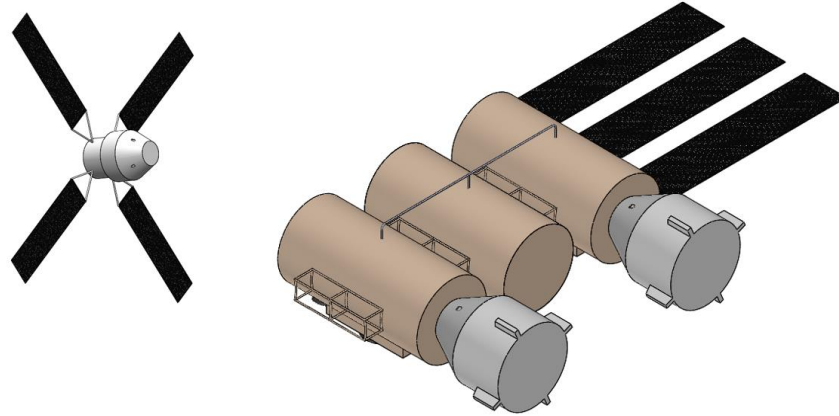




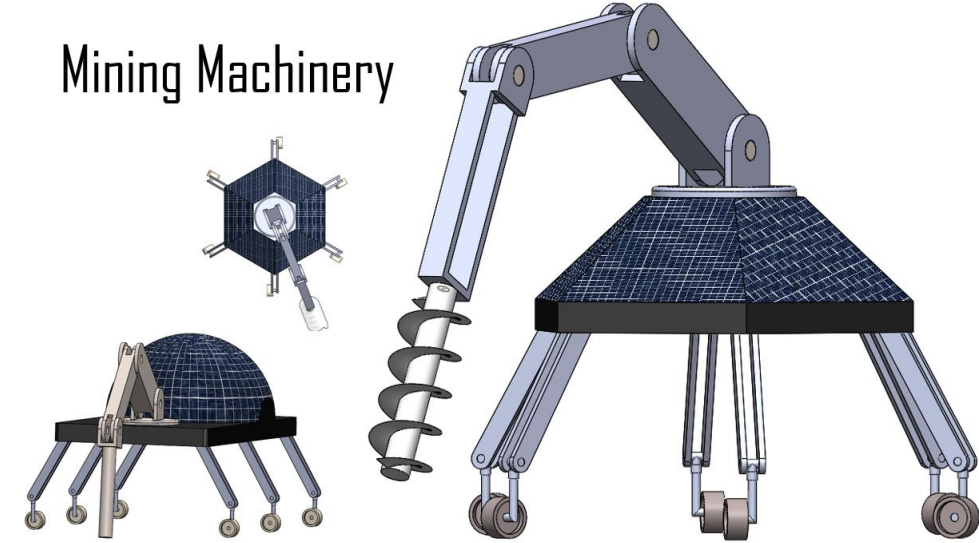
# Other developments (mostly concepts here)



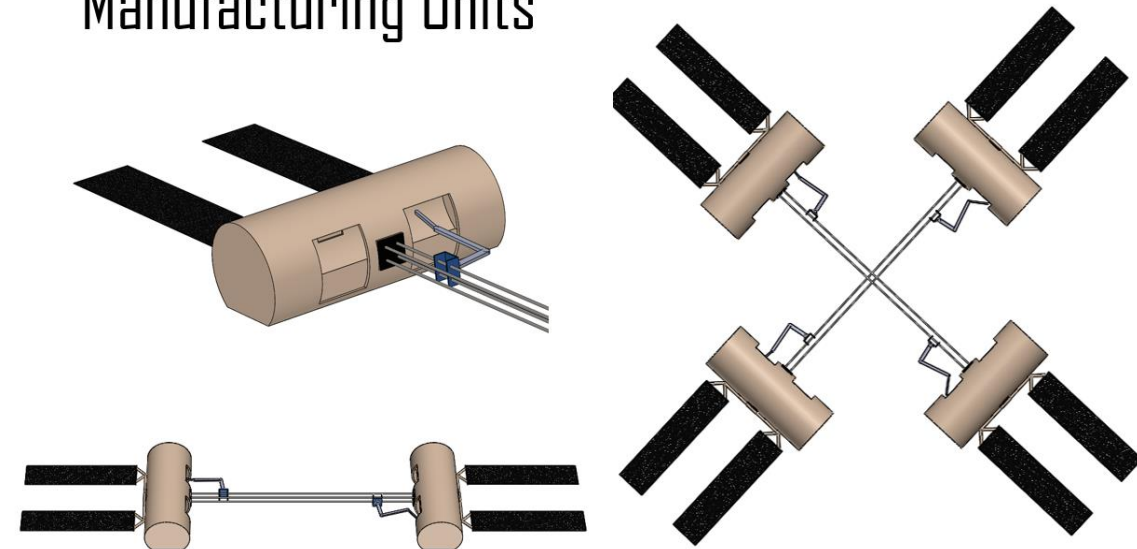
Fuel Depots



Mining Machinery



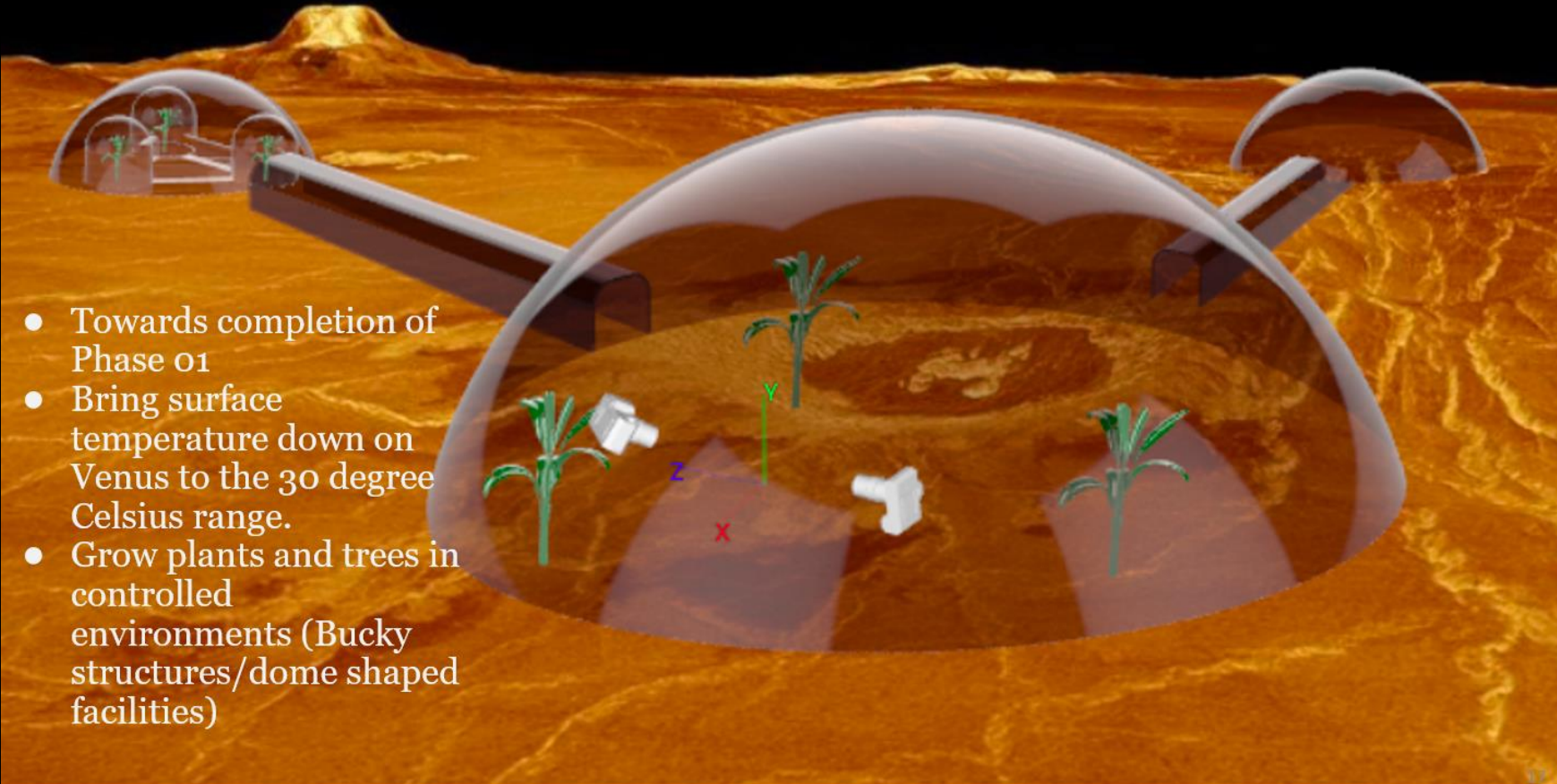
Manufacturing Units



# Venus

## Milestone 01

- Towards completion of Phase 01
- Bring surface temperature down on Venus to the 30 degree Celsius range.
- Grow plants and trees in controlled environments (Bucky structures/dome shaped facilities)



We spent a fair amount of time looking at the possibility of Terraforming Venus.

But dropped the idea, when news of possibility of life on Venus emerged. (re: Phosphine)

# From October till now

- Focusing more on customer discovery
- By 'Getting out of the building' and talking to potential customers



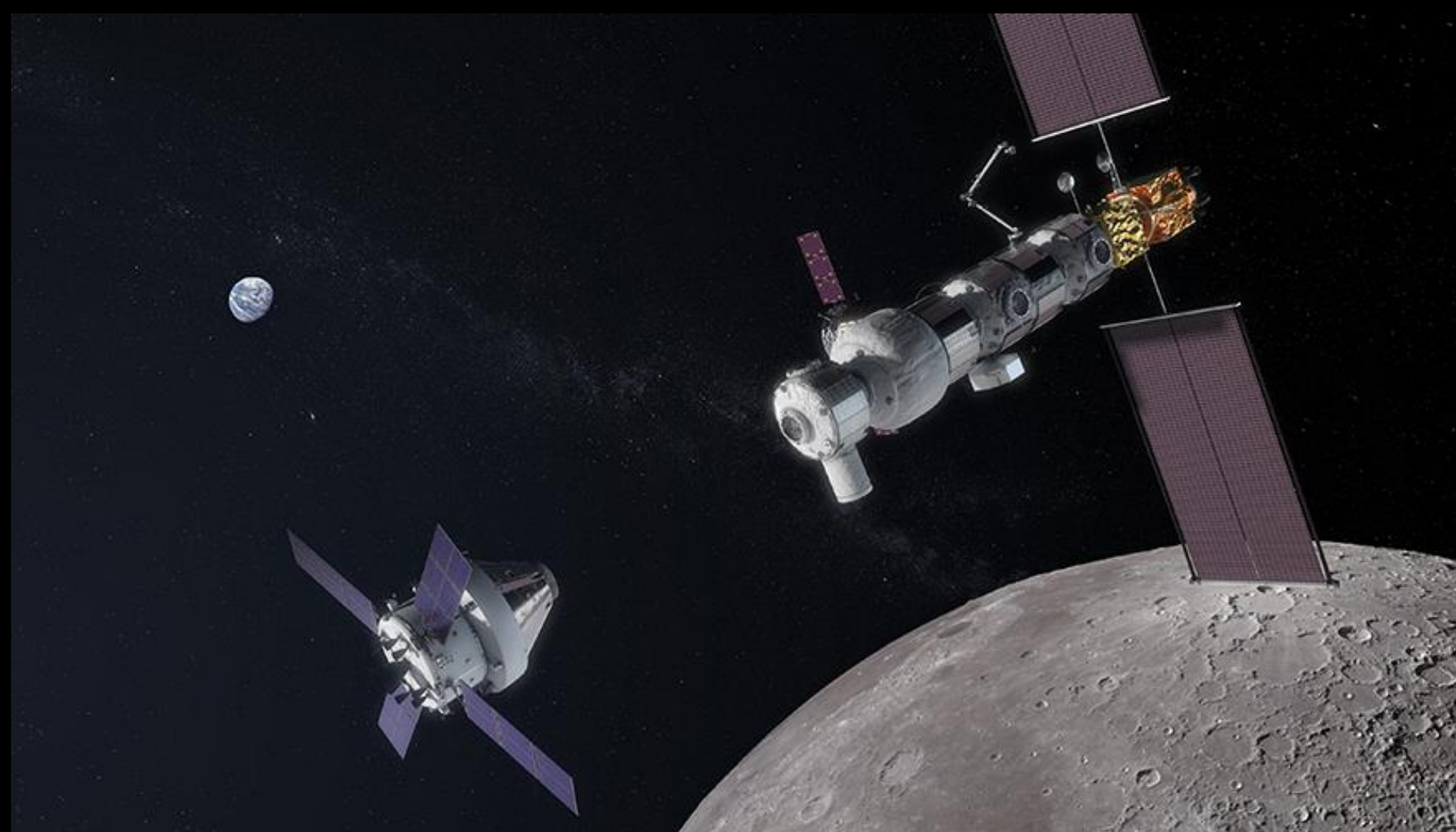
There are no facts inside the building so get the hell outside.

— *Steve Blank* —



# Artemis: 'Going to the moon to stay.'

7.1



Source: NASA via CSA [link](#)

Timelines being revised by NASA. First landing expected in 2025.

# Now setting our eyes on the moon (sub-surface)

7.1



Source: Image courtesy of [Wikipedia](#).

# Fundraising

7.1

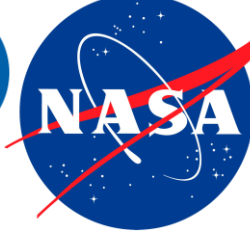
We will be raising funds. So prospective investors, please feel free to reach out to me.

# Next steps

1. Raise capital (fund-raising).
2. Setup our lab in Ontario.
3. Grow our team.
4. Continue taking our tech to the next TRL ([Technology readiness level](#))
5. Continue enabling partnerships.

# We seek partnerships

1. Help secure and safeguard Outer Space.
2. Introduce AMUs, Orbiting Greenhouses in a controlled fashion.
3. Help create a lot of quality, well-paying jobs.
4. Next, go travel the Galaxy!



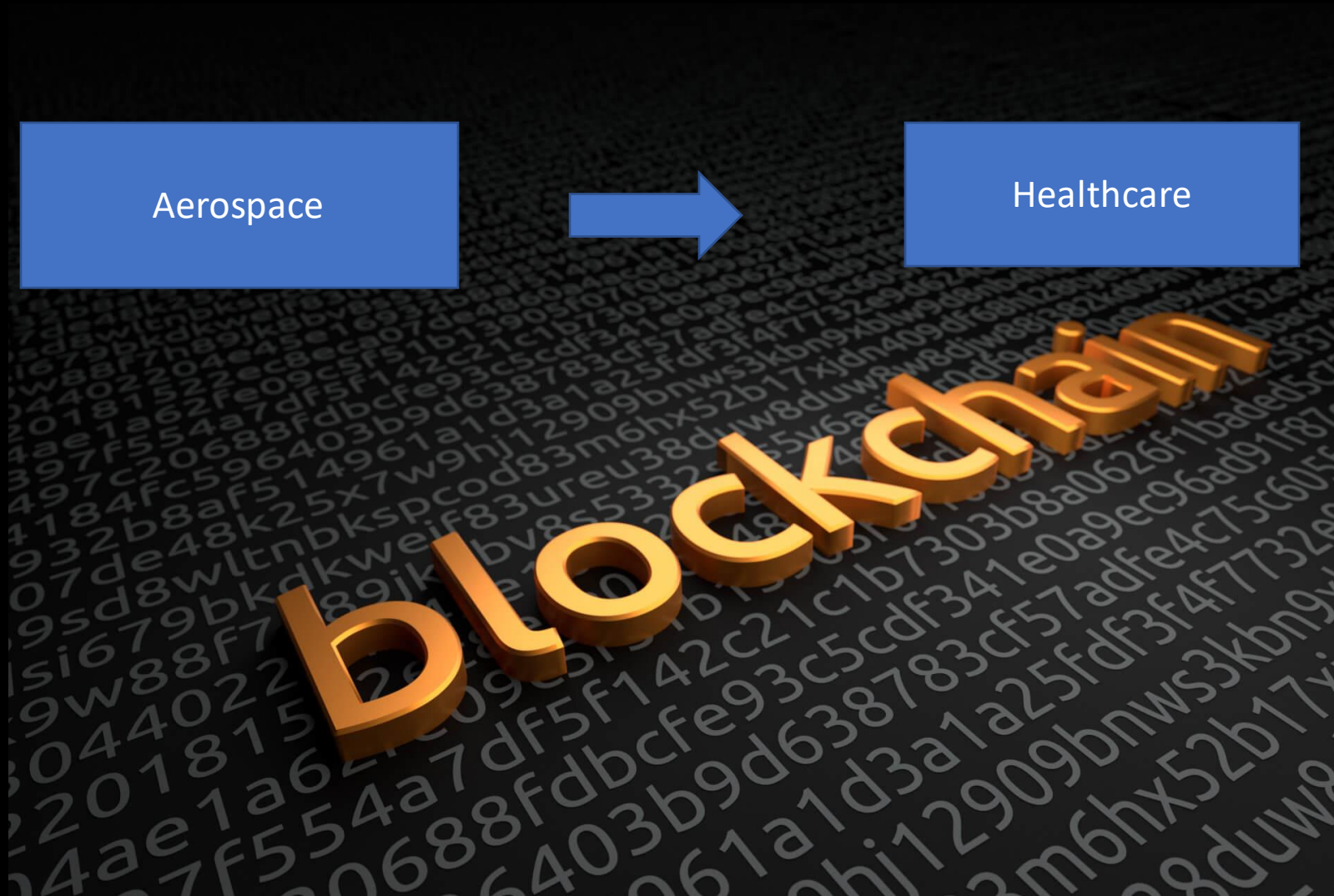
**FORCES.CA**

UNITED STATES  
SPACE FORCE **U.S. AIR FORCE**

"With a good support structure - Anything is possible!"







- **Radically transparent model**
- **Possibly a headless ownership model down the road.**



**Thank you kindly for reviewing**

**Please email or message us on LinkedIn!**

[Adeel's LinkedIn](https://www.linkedin.com/in/adeelkhan1/)

<https://www.linkedin.com/in/adeelkhan1/>

[Rusith's LinkedIn](https://www.linkedin.com/in/rusithgimhana/)

<https://www.linkedin.com/in/rusithgimhana/>

ASI – Awake Aerospace website

<https://asi.surge.sh/>

AUH – Awake Universal Healthcare website

<https://auh.surge.sh/>

# Band aid – 'Do they know it's christmas'



phonogram  
FEED 1



BAND AID

- |                 |                                |                       |
|-----------------|--------------------------------|-----------------------|
| 1 Adam Clayton  | 15 Jody Watley                 | 29 Francis Rossi      |
| 2 Phil Collins  | 16 Bono                        | 30 Robert Kimmel Bell |
| 3 Bob Geldof    | 17 Paul Weller                 | 31 Dennis Thomas      |
| 4 Steve Norman  | 18 James Taylor                | 32 Andy Taylor        |
| 5 Chris Cross   | 19 Peter Blake (sleeve artist) | 33 Jon Moss           |
| 6 John Taylor   | 20 George Michael              | 34 Sting              |
| 7 Paul Young    | 21 Midge Ure                   | 35 Rick Parfitt       |
| 8 Tony Hadley   | 22 Martin Ware                 | 36 Nick Rhodes        |
| 9 Glenn Gregory | 23 John Keeble                 | 37 Johnny Fingers     |
| 10 Simon Le Bon | 24 Gary Kemp                   | ALSO FEATURING:       |
| 11 Simon Crowe  | 25 Roger Taylor                | David Bowie           |
| 12 Marilyn      | 26 Sarah                       | Boy George            |
| 13 Karen        | 27 Siobhan                     | Holly                 |
| 14 Martin Kemp  | 28 Peter Briquette             | Paul McCartney        |

Many thanks to all the fine artists who kindly donated their time and effort in the making of this record

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THIS INCLUDES MERCHANDISE, SALES, PUBLISHING & PERFORMANCE CONTRIBUTIONS

Many thanks for the aid in manufacturing this record go to:  
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A SIDE  
DO THEY KNOW IT'S CHRISTMAS

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