



## Beginning a Civilization on Mars

What is Mars One?:

Mars One is a not-for-profit foundation that will establish a permanent human settlement on Mars in 2023. Human settlement on Mars is possible today with existing technologies. Mars One mission plan integrates components that are well tested and readily available from industry leaders worldwide. The first footprint on Mars and lives of the crew thereon will captivate and inspire generations; it is this public interest that will help finance this human mission to Mars.

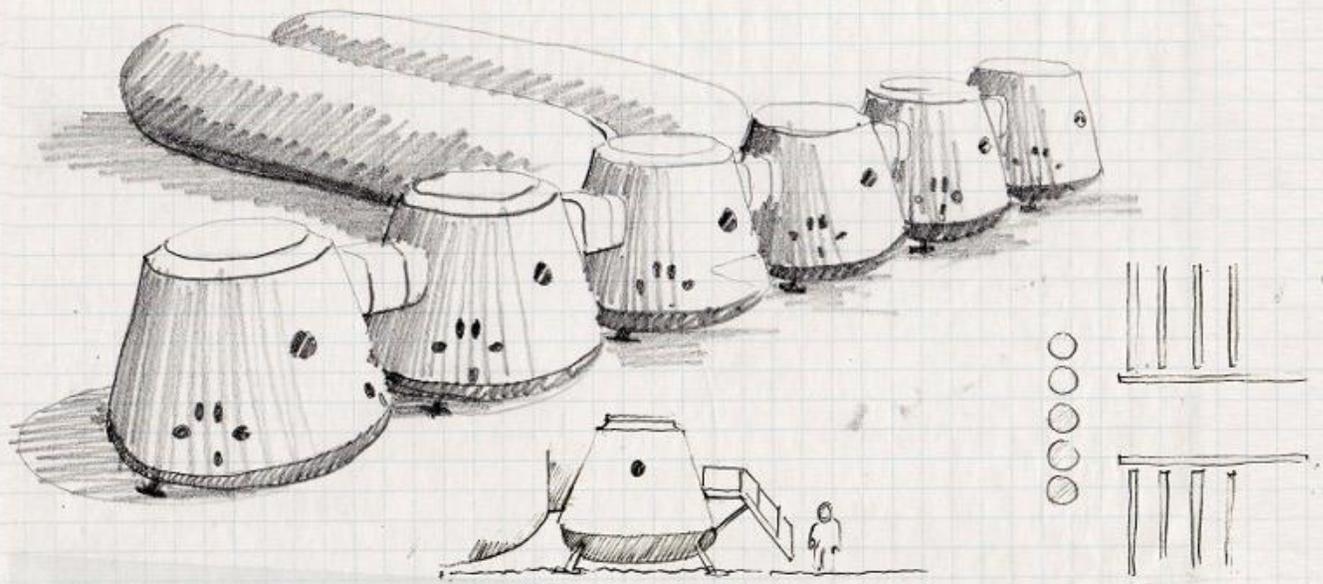
The Mars One mission plan consists of cargo missions and unmanned preparation of a habitable settlement, followed by human landings. In the coming years, a demonstration mission, communication satellites, two rovers and several cargo missions will be sent to Mars. These missions will set up the outpost where the human crew will live and work.

The mission design takes into account the expansion of the human colony where a new crew arrive every two years.

Mars One will select and train the human crew for permanent settlement. The search for Astronauts began in April 2013. More than 78,000 registered for the selection programme within two weeks of its launch.

2011 Mars One Founded	2013 Crew Selection Completed	2015 Crew Training Begins	2021 Mars Outpost completed	2022 Crew Depart Earth	2023 Crew Arrive on Mars
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Mars One identifies two major risk categories: the loss of human life and cost overruns.



**\*REMEMBER that this is a one-way trip to Mars (once you are there, in your capsule, there is no turning back). The size of a capsule is roughly the same size as a family-sized tent.**

The people in our capsule are:

Our settlement's name will be: \_\_\_\_\_

The leader of our settlement will be: \_\_\_\_\_

Our leader's title is (Queen, King, President, Goddess, Prime Minister, Grand Poohba, Obama, Pope):

\_\_\_\_\_

Our group's favourite colour is:

\_\_\_\_\_

Create 3 laws for your settlement:

i. \_\_\_\_\_

ii. \_\_\_\_\_

iii. \_\_\_\_\_

How will you maintain law and order in your community?

Decide five things that MUST be part of your life in order for you to be happy and fulfilled:

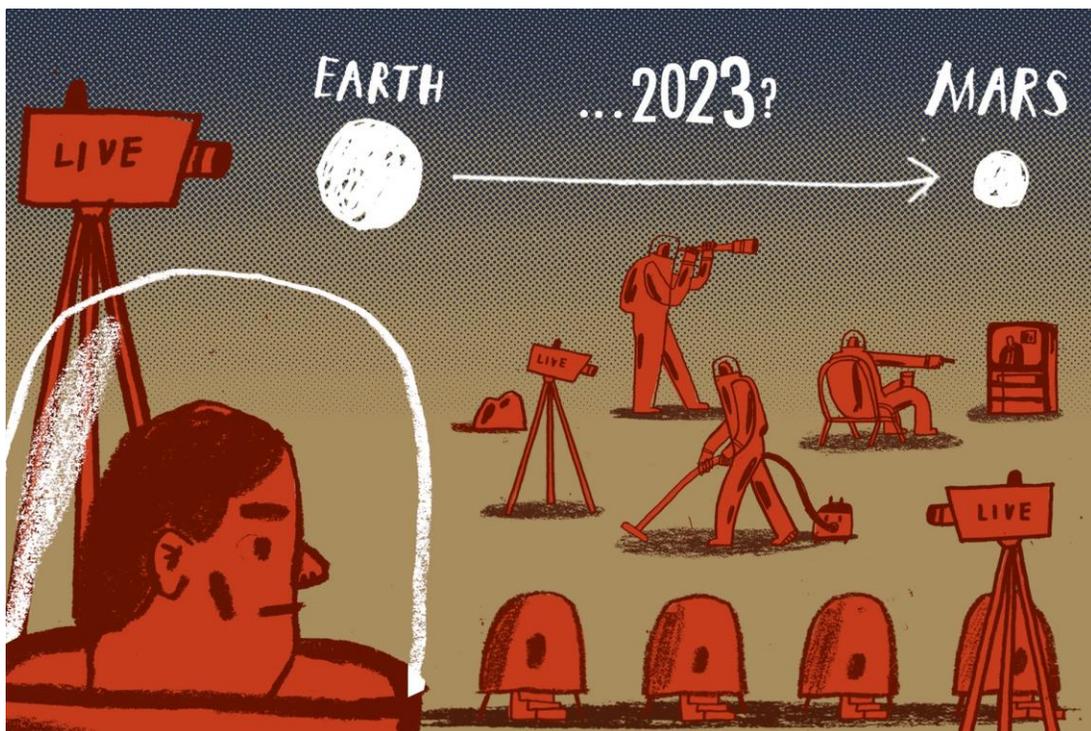
1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_



Excerpts from the Mars One website ([www.mars-one.com](http://www.mars-one.com)):

*“A one way trip has obvious technical advantages, but what does this mean for the astronauts themselves? That depends on who you ask. You could say that most people would rather lose a leg than live the rest of their life on a cold, hostile planet, having said goodbye to friends and family forever, the best possible video call suffering from a seven minute delay—one way.*

*However, there are individuals for whom traveling to Mars has been a dream for their entire life. They relish the challenge. Not unlike the ancient Chinese, Micronesians, and untold Africans, the Vikings and famed explorers of Old World Europe, who left everything behind to spend the majority of their lives at sea, a one-way mission to Mars is about exploring a new world and the opportunity to conduct the most revolutionary research ever conceived, to build a new home for humans on another planet.*

*Mars One will offer everyone who dreams the way the ancient explorers dreamed the opportunity to apply for a position in a Mars One Mission. Are you one for whom this is a dream?”*

***“Once they arrive on Mars, the astronauts will begin making use of their relatively spacious living units; over 50 m<sup>2</sup> per person, and a total of more than 200 m<sup>2</sup> combined interior space.***

*Within the settlement are inflatable components which contain bedrooms, working areas, a living room and a 'plant production unit', where they will grow greenery. They will also be able to shower as normal, prepare fresh food (that they themselves grew and harvested) in the kitchen, wear regular clothes, and, in essence, lead typical day-to-day lives.*

*If the astronauts leave the settlement, they have to wear a Mars Suit. However, all living spaces are connected by passageways, in order for the astronauts to move freely from one end of the settlement to the other. As the rovers have done much of the heavy construction prior to their arrival, it will not take the astronauts a long time to find routine in their new life, moving into carrying out valuable construction works and research.”*

*“A new group of four astronauts will land on Mars every two years, steadily increasing the settlement's size. Eventually, a living unit will be built from local materials, large enough to grow trees. As more astronauts arrive, the creativity applied to settlement expansion will certainly give way to ideas and innovation that we cannot conceive now. But we can expect the human spirit to continue to persevere, to even thrive in this challenging environment.”*