



**INTERNATIONAL
PARTNERSHIPS
ARE GETTING US
TO **MARS**,
— HERE'S HOW**

1
00:00:00,000 --> 00:00:02,502
Words cannot describe the moment.

2
00:00:02,502 --> 00:00:04,337
Relieved and proud.

3
00:00:04,337 --> 00:00:11,510
The landing of Perseverance is one of the most challenging steps in this mission.

4
00:00:11,510 --> 00:00:16,847
It's humanity touching ground 34-million miles away from home.

5
00:00:16,847 --> 00:00:21,851
And this challenge is what makes space exploration so inspiring, but also so exciting.

6
00:00:21,851 --> 00:00:26,688
And that's going to be really exciting, not only for the science team but for the public as well.

7
00:00:26,688 --> 00:00:30,024
Why is your agency excited to go back to Mars?

8
00:00:30,024 --> 00:00:33,694
Missions to Mars are few, complex and rare.

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00:00:33,694 --> 00:00:41,867
The real question, not only for many scientists but also for the wider public, is whether Mars has been inhabited.

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00:00:41,867 --> 00:00:50,007
If this mission, in some way, can provide or contribute to proof that there has in fact has been life on Mars,

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00:00:50,007 --> 00:00:56,012
on another planet, it will be one of the most important discoveries in human history.

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00:00:56,012 --> 00:00:58,514
What does your agency's contribution to Perseverance mean?

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00:00:58,514 --> 00:01:04,018

For SuperCam, we will provide the microscopic information about Mars rocks.

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00:01:04,018 --> 00:01:10,023

Our instrument, MEDA, is the third Spanish weather station on Mars ground.

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00:01:10,023 --> 00:01:17,862

Our contribution is one small building block on the way to a larger goal: human travel to other planets.

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00:01:17,862 --> 00:01:24,501

Those instruments will measure chemical composition, mineralogy, environmental conditions and the structure

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00:01:24,501 --> 00:01:27,503

How excited are you to see the first picture from the rover?

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00:01:27,503 --> 00:01:31,006

Obviously, the first picture of Perseverance will be very exciting.

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00:01:31,006 --> 00:01:34,009

On a scale from 1 to 10, this is an 11.

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00:01:34,009 --> 00:01:42,015

It will also demonstrate that the communications is working properly and that Perseverance is ready to start op

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00:01:42,015 --> 00:01:46,018

So, that first picture will be a very, very big step forward.

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00:01:46,018 --> 00:01:51,022

I'm also excited to see exactly where the rover lands in the Jezero Crater.

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00:01:51,022 --> 00:01:54,692

Will it be in the river delta or just below?

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00:01:54,692 --> 00:01:57,861

How will the edge of the crater look in the horizon?

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00:01:57,861 --> 00:02:02,531

And this first success will also kick off the start of the Mars Sample Return challenge.

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00:02:02,531 --> 00:02:06,001

What is something that's often overlooked about Mars exploration?

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00:02:06,001 --> 00:02:11,672

Mars is currently the ultimate challenge for human space exploration

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00:02:11,672 --> 00:02:17,009

and this is also a unique opportunity to develop exceptional global cooperation.

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00:02:17,009 --> 00:02:25,349

Well, I believe that inspiration for growth and innovation on Earth can take a boost, can be inspired,

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00:02:25,349 --> 00:02:34,690

by the effort and the challenges that need to be overcome to explore another world far away, like Mars.

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00:02:34,690 --> 00:02:42,029

And this quest should also inspire humans to overcome their rivalries on Earth and unite, instead, around a common goal.