1
00:00:00,690 --> 00:00:04,730
By direction of the President of the United States, the Vice President gave a speech at

2
00:00:04,730 --> 00:00:09,259
the National Space Council that I think was one of the most historic speeches in space

3
00:00:09,259 --> 00:00:10,259
history.

4
00:00:10,259 --> 00:00:18,200
He said, “The next American man and the first woman ever, will be Americans on the

5
00:00:18,200 --> 00:00:20,540
surface of the Moon within five years.”

6
00:00:20,540 --> 00:00:25,040
That is an extreme declaration and a charge that we are going to live up to at NASA.

7
00:00:25,040 --> 00:00:28,780
Question is, and everybody here is interested, ‘how are you going to do that?’

8
00:00:28,780 --> 00:00:32,539
The plan is still the same, but those things that we were going to invest in, in 2025,

9
00:00:32,539 --> 00:00:35,449
2026, 2027 – we’re going to move them up.

10
00:00:35,449 --> 00:00:40,809
Well number one – we need to get EM-1 off the ground in 2020.

11
00:00:40,809 --> 00:00:42,460

And we are committed to making that happen.

12
00:00:42,460 --> 00:00:48,850
Now that’s going to be a test of an uncrewed
Orion crew capsule with the European Service

13
00:00:48,850 --> 00:00:50,570
Module around the Moon.

14
00:00:50,570 --> 00:00:55,999
And then as soon as possible thereafter, we
need to get EM-2 off the ground, with crew.

15
00:00:55,999 --> 00:00:58,069
And then, what’s next in the architecture?

16
00:00:58,069 --> 00:01:04,870
Well, we need to accelerate – or keep moving
forward very rapidly, as we have been on what

17
00:01:04,870 --> 00:01:06,820
we call Gateway.

18
00:01:06,820 --> 00:01:11,940
The first elements of Gateway are focused
exclusively on getting humans to the surface

19
00:01:11,940 --> 00:01:12,960
of the Moon.

20
00:01:12,960 --> 00:01:19,080
We need that power and propulsion element,
we need that habitation module, and ultimately

21
00:01:19,080 --> 00:01:22,610
that’s going to be our reusable command
and service module to get humans to the surface

22
00:01:22,610 --> 00:01:24,620

of the Moon as soon as possible.

23
00:01:24,620 --> 00:01:31,520
We're going to have a commercial partnership
– a public/private partnership for an ascent

24
00:01:31,520 --> 00:01:35,570
module, for the transfer vehicle, and the
descent module – all of those elements that

25
00:01:35,570 --> 00:01:38,390
get humans to the surface of the Moon in 2024.

26
00:01:38,390 --> 00:01:40,780
We've now divided it into two phases.

27
00:01:40,780 --> 00:01:42,990
The first phase is speed.

28
00:01:42,990 --> 00:01:45,830
We want to get those boots on the Moon as
soon as possible.

29
00:01:45,830 --> 00:01:49,980
We don't want to take away anything from
getting those boots on the Moon – anything

30
00:01:49,980 --> 00:01:53,770
that is a distraction from making that happen,
we're getting rid of.

31
00:01:53,770 --> 00:01:57,950
And when we do CLPS, the Commercial Lunar
Payload Services, which was one of my first

32
00:01:57,950 --> 00:02:01,880
initiatives as the NASA Administrator, we're
going to put small payloads on the surface

33

00:02:01,880 --> 00:02:05,000
of the Moon by buying access commercially.

34
00:02:05,000 --> 00:02:10,580
We are organizing NASA in order to achieve
humans to the surface of the Moon as soon

35
00:02:10,580 --> 00:02:12,060
as possible.

36
00:02:12,060 --> 00:02:17,410
Phase 2: sustainability by 2028.

37
00:02:17,410 --> 00:02:23,330
This is another important capability, it is
why the Gateway is so important.

38
00:02:23,330 --> 00:02:28,440
The Gateway is our ability to go the Moon
fast, for sure.

39
00:02:28,440 --> 00:02:31,880
We want to make sure we're using things
that already exist, or things that almost

40
00:02:31,880 --> 00:02:34,930
already exist so we can get there soonest.

41
00:02:34,930 --> 00:02:39,760
And we have access – because of the power
and propulsion element of the Gateway – we

42
00:02:39,760 --> 00:02:43,470
have more access to more parts of the Moon
than ever before.

43
00:02:43,470 --> 00:02:44,930
Why do we go to the Moon?

44

00:02:44,930 --> 00:02:46,569
Why is that so important?

45
00:02:46,569 --> 00:02:49,440
Well, because we're keeping our eyes on
the horizon.

46
00:02:49,440 --> 00:02:53,540
The Moon is a proving ground , it's the
best place for us to live and work on another

47
00:02:53,540 --> 00:02:56,400
world so that we can ultimately go to Mars.

48
00:02:56,400 --> 00:03:04,090
Know this: the new direction of putting humans
on the Moon in 2024 is not an America alone

49
00:03:04,090 --> 00:03:05,240
effort.

50
00:03:05,240 --> 00:03:07,819
We need all of our international partners.