AWS re:Invent

NOV. 29 – DEC. 3, 2021 | LAS VEGAS, NV

WPS212-L

To infinity and beyond: How AWS is powering the future

Max Peterson (he/him)
Vice President, Worldwide Public Sector
AWS

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AWS Public Sector business



Government



Education



Nonprofits



Aerospace and Satellite



Healthcare

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Taif Muhsin

Vice President of Integrated Operations,
Expo 2020 Dubai

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Empowering people & protecting our planet

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LET'S TALK
SOUTH AFRICA
GovChat It Today!

Najeeb Uddin

Chief Information Officer,
AARP

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Designing for
the future, today
AARP


2 Billion
Global population
50 and older
104
Likely age a ten-year
old today will reach
AARP


About AARP
Non-profit
Non-partisan
38M
Members
$1.8B
Revenue
AARP

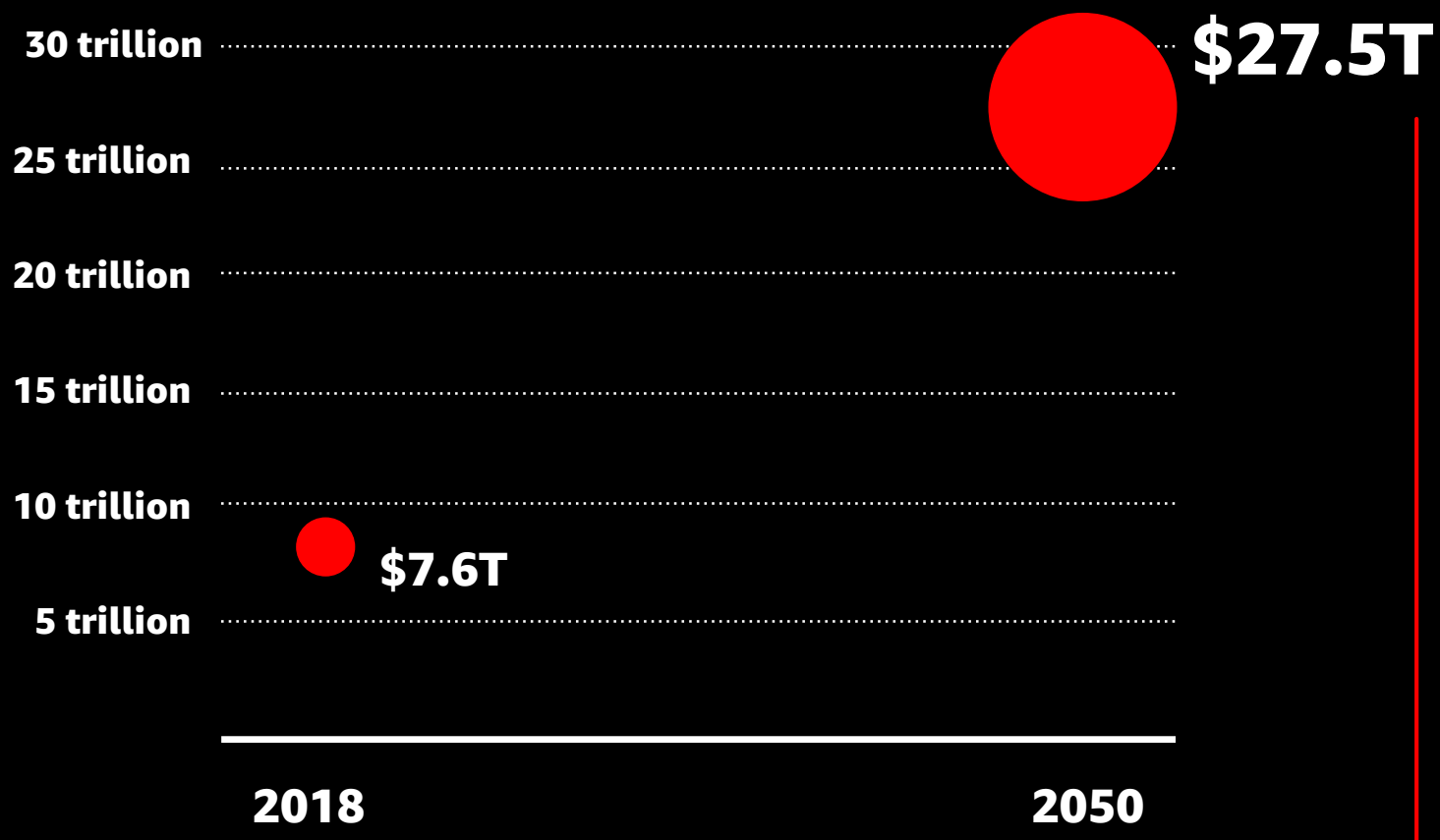

Technology adoption
AARP



Content consumption


Working +
earning longer
AARP

Economic power of the 50+



Expected spend on goods and services in the U.S.

53%
of consumer spending

34%
increase spend online

23%
increase in
online shopping

AARP


What would YOU create
for the next version of you?
AARP


Thank you
AARP

Najeeb Uddin

Chief Information Officer,
AARP

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Encouraging people to push boundaries



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AWS Imagine Grant

$4.5 million

46 nonprofit organizations



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AWS Imagine Grant

Winners

American Forests

BARNES

charity: water

CORE Community Organized Relief Effort

CROHN'S & COLITIS FOUNDATION

EB RESEARCH PARTNERSHIP

houston foodbank MEMBER OF FEEDING AMERICA

NATIONAL MARROW DONOR PROGRAM®

PROJECT CETI

Special Olympics

ACT®

BLACK GIRLS CODE

easterseals DC MD VA

AFL-CIO CLC

JACARANDA HEALTH

MARCH OF DIMES

NEW YORK PHILHARMONIC

STOP SOLDIER SUICIDE

STROUD WATER RESEARCH CENTER

United Way

aws



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Jacqueline Hernández

Finalist,
2020 Cloud Skills for El Salvador

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ANNOUNCING

The Room Intelligence Platform



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ANNOUNCING

IronNet: New York State Power Dome



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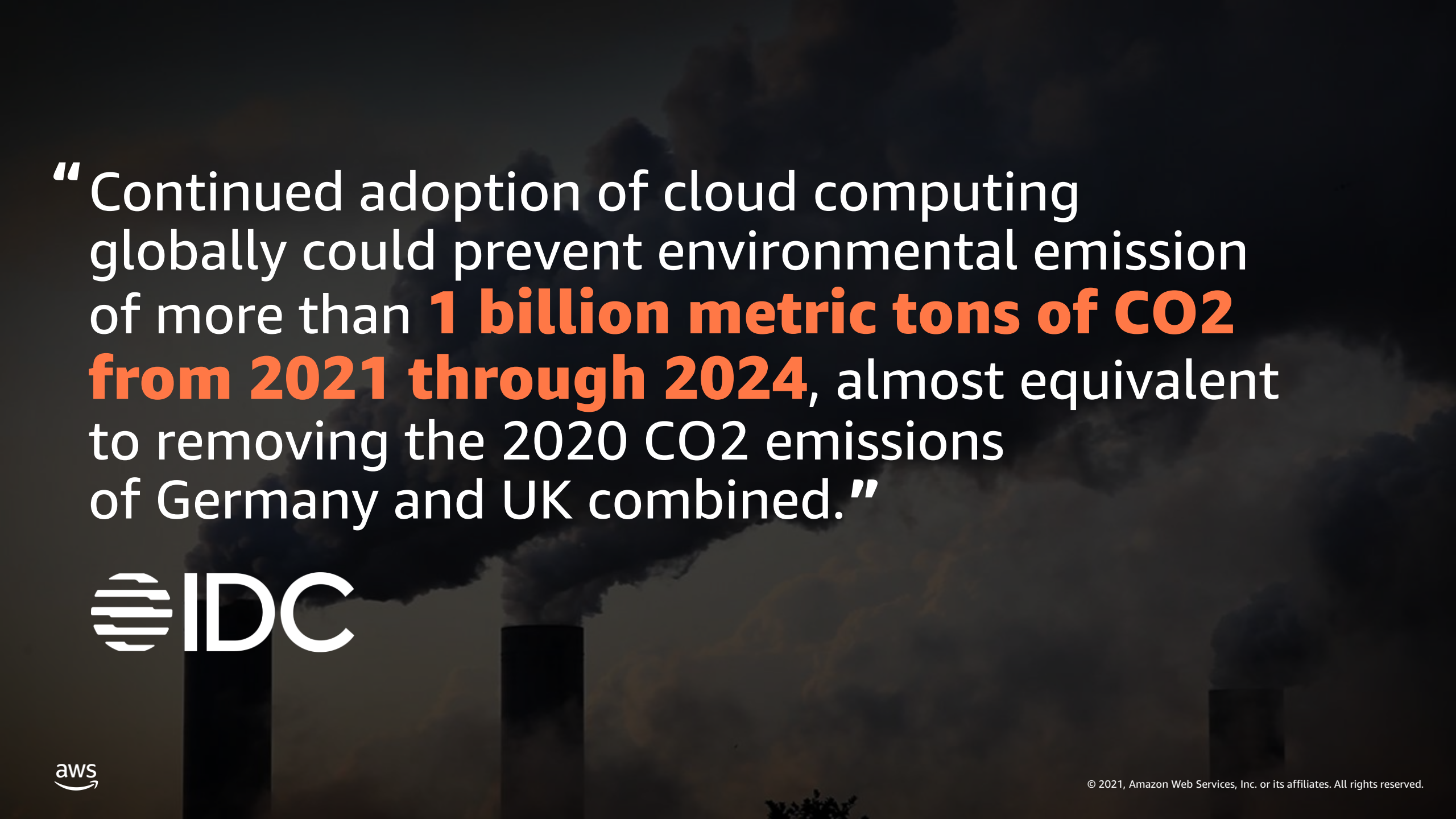

04
MARINES
LOCKHEED MARTIN


THE UNIVERSITY
OF BRITISH COLUMBIA

Accelerating the future of research



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“Being able to use cloud resources is a more cost-efficient method and it’s also more sustainable for us, and easier to spread across other institutions as we collaborate with them.”

Judith Dexheimer, PhD
Associate Professor,
UNIVERSITY OF Cincinnati

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SORBONNE
UNIVERSITÉ




THE UNIVERSITY OF
SYDNEY

Louise Richardson

Vice-Chancellor,
University of Oxford

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Louise Richardson

Vice-Chancellor,
University of Oxford

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Healthcare Cloud Innovation Center



UC DAVIS HEALTH

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Advancing Health Equity



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Reimagining space exploration



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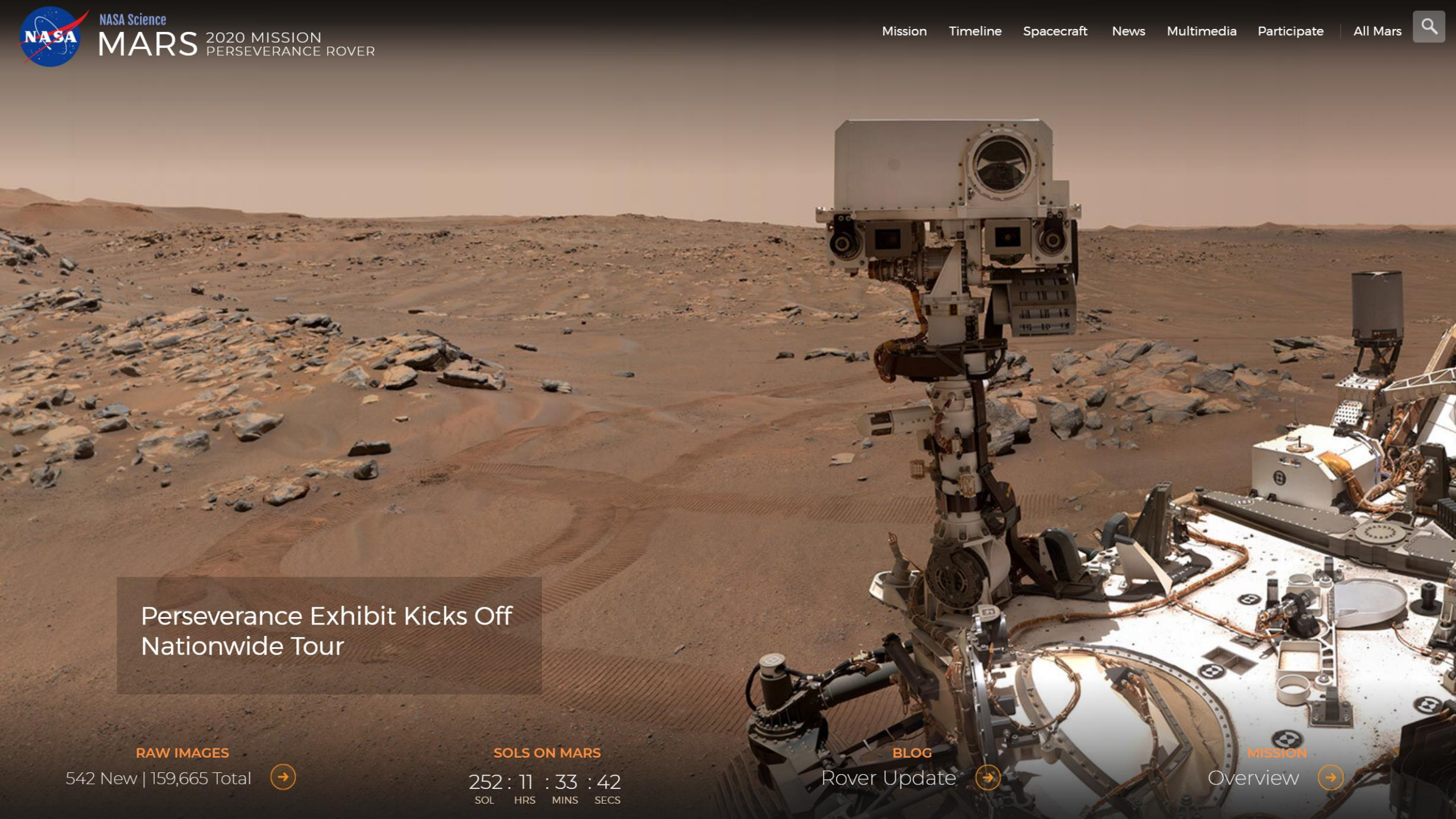
Aerospace and Satellite

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Making the world a better place from space



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Perseverance Exhibit Kicks Off Nationwide Tour

RAW IMAGES
542 New | 159,665 Total

SOLS ON MARS
252 : 11 : 33 : 42
SOL HRS MINS SECS

BLOG
Rover Update

MISSION
Overview



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Stratos Davlos

Senior Vice President of Software Engineering, Astra

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ASTRA

Our mission

To improve life on Earth from space

ASTRA

- Iterate fast
- Innovate fast
- Automate fast



Our rockets are born digital



ASTRA





CTRL

ASTRA S/W

AWS

Amazon Kinesis

EEB

raw protobuf

AWS Glue

partitioned parquet

Amazon S3

AWS Glue Data Category

Amazon Athena

ML/Spark

HUB

Amazon RDS

ASTRA





Everything needs to come together at just the right time



ASTRA

Helping our customers
get to space more quickly



ASTRA

Thank you



Stratos Davlos

Senior Vice President of Software Engineering, Astra

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Innovating from space to help people on Earth

aws

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Nevada
Spring
D4
WH norm
DANGER
Nevada
Spring

ANNOUNCING

Singapore Strategic Space Agreement



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World-changing insights



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Thank you!

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