# REIMAGINING MULTILATERALISM IN A CHANGING WORLD

THE PACIFIC **FUTURE FORUM** 20<sup>TH</sup> - 21<sup>ST</sup> OCTOBER 2021

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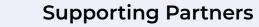
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### Thank you for attending the Pacific Future Forum 2021 on board HMS Prince of Wales and for contributing to 2 days of outstanding discussion, insight, and debate.

After AFF'20, our Chairman Lord Sedwill challenged us to raise the bar again and deliver a Forum of truly exceptional quality and consequence and we believe PFF'21 did just that. Senior political, military, business, and technology leaders from across 22 nations were represented on board with over 1000 delegates joining virtually from around the world and throughout the Indo-Pacific region.

We are putting the Future Forum on the map and with the Prime Minister's encouragement, creating an annual summit that will shape ideas and policy between key allies and partners. From the inaugural event in New York in 2018 to the Forum we hosted this year on HMS Prince of Wales, we have come a long way and demonstrated the global convening power of our aircraft carriers. We will continue to build the Forum to make it an annual and enduring event creating a unique opportunity for Government, Policy Makers, and the private sector to come together with allies and partners around the world to explore, discuss and shape our ideas in the areas of defence, security and our shared prosperity agenda.

I trust the Forum has been of value to you in understanding the shape of our world and in planning for the future.

We look forward to welcoming you to the 5th edition of the Forum next year on September 28 + 29 2022 in the United States.

**Sheena Dunne** PFF Event Director



## **SPEAKERS**



Samira Ahmed Journalist, Writer And Broadcaster, British Broadcasting Corporation



Alex Aiken Executive Director, Government Communication



lan Annett Deputy CEO For Programme Delivery, UK Space Agency



Admiral John C. Aquilino Commander, U.S. Indo-Pacific Command



Ben Hudson Chief Technology Officer, BAE Systems



Professor Angela Mclean Chief Scientific Adviser, Ministry Of Defence, UK



**Michael Auslin** Research Fellow In Contemporary Asia, Hoover Institution, Stanford University



Yasuo Ishii Vice President for Strategy and International Relations, Japan Aerospace Exploration Agency



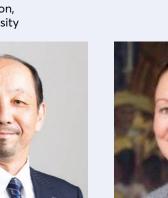
**Professor Rory** Medcalf Head of the National Security College Australian National University



Natalie Black CBE

HM Trade Commissioner,

Asia Pacific





Clare Kelly Assistant Secretary, New Zealand Ministry of Foreign Affairs and Trade



The Rt Hon Amanda Milling MP Minister For Asia, Foreign, Commonwealth & Development Office



Hon. Sherri Goodman Secretary General, Int. Military Council On Climate And Security

Yuka Koshino

Strategic Studies

Research Fellow For Japanese

Security And Defence Policy,

International Institute For



Captain Steve Higham OBE Commanding Officer, HMS Prince Of Wales

Dr Ian Levy OBE

National Cyber Security Centre

Technical Director,



Dr Peter Highnam Deputy Director, Defense Advanced Research **Projects Agency** 



**Paul Livingston** Chief Executive, Lockheed Martin

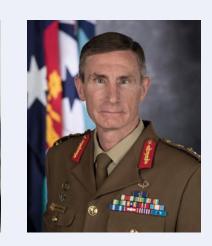


#### THE PACIFIC FUTURE FORUM





Lindy Cameron OBE Chief Executive Officer, National Cyber Security Centre



General Angus J. Campbell, AO, DSC Chief Of The Defence Force, Australia



**General Sir Nick Carter** GCB CBE DSO ADC Chief Of The Defence Staff, British Defence Staff



Dr John Chipman Director, General And CEO The International Institute For Strategic Studies



Tina Fordham Partner And Head Of Global Strategy, Avonhurst











John M. Kelly President And CEO, Hanwha Defense USA



Commodore Steve Moorhouse OBE Commander United Kingdom Carrier Strike Group, Royal Navy

In the Indo-Pacific the role of military power is increasing in ways most of us have not seen in our lifetime.

General Angus Campbell AO, DSC, Chief of the Defence Force, Australia





The Indo-Pacific region is increasingly important for our security and prosperity. I'm delighted that we are bringing government and industry leaders together on board the magnificent HMS Prince of Wales carrier to discuss how we can strengthen our alliances in the region.

Rt Hon Boris Johnson, Prime Minister of the United Kingdom

## **SPEAKERS**



Neil Morisetti Professor of Climate and Resource Security, University College London



Anthony Murfett Deputy Head, Australian Space Agency



Benet Northcote Deputy Chairman, Conservative Environment Network



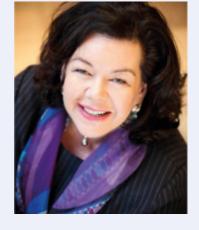
**Damian Parmenter** CBE Director General Strategy And International, Ministry Of Defence



**Richard Thompson** OBE Visiting Fellow, Strategy and Security Institute, University of Exeter



**Stephen Watson** Director, Pacific Future Forum



**Dame Karen Pierce** DCMG HM Ambassador To The United States Of America



The Rt Hon Anne-Marie Trevelyan MP Member Of Parliament, Secretary Of State For International Trade



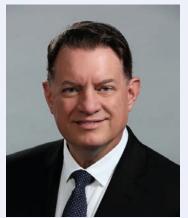
**Dr Ruth Wiseman** Head Of Oceania And Myanmar Department, FCDO



Divya Seshamani Net Zero Initiative Lead, HMG Council for Sustainable Business



Dr Sue Mi Terry Senior Fellow, Center For Strategic And International Studies



**Rick Wagner** President, Microsoft Federal



Jusuf Wanandi Senior Fellow And Co-Founder, Centre For Strategic And International Studies





Tetsuya Watanabe Vice President, Research Institute Of Economy, Trade And Industry

Procurement,

Ministry Of Defence

Matt Turpin Senior Adviser To CEO; Palantir Technologies

#### THE PACIFIC FUTURE FORUM

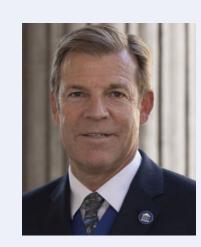


Jeremy Quin MP Minister For Defence





Ambassador Philip T. Reeker Charge D'affaires A.I., Embassy Of The United States



William Russell Lord Mayor Of The City Of London



Samir Saran President, Observer Research Foundation



Marianne Schneider-Petsinger Senior Research Fellow. Chatham House







Naval Staff,

Royal Navy

**Admiral Sir Tony** 

Radakin KCB ADC

First Sea Lord And Chief Of

Professor K. Vijayraghavan Principal Scientific Adviser, Government Of India

For us, the biggest threat today is Quantum computers. If someone builds a cryptographically relevant quantum computer, they can break all the crypto on the internet today. We have already defended a lot of our systems, but the really hard problem is how you build a digital society that is tolerant to having a quantum computer in China.

General Angus Campbell AO, DSC, Chief of the Defence Force, Australia





Lord Mark Sedwill

These are immensely challenging times. We are living through a series of quiet but dramatic revolutions digital and technological, geopolitical and economic, medical and climatic. Bringing together world-leading thinkers from the armed forces, business, academia, politics and beyond to discuss how to understand, anticipate and respond to these challenges and opportunities is not just a good idea; it is essential. As the AFF also proved, it can be extremely rewarding too.

Peter Frankopan, Professor of Global History, Oxford University

## **PFF AUDIENCE**

The Pacific Future Forum brought together 300 senior leaders from across the worlds of defence, security, science and trade to HMNB in Portsmouth. On board over 20 Nations were represented from across the political, diplomatic, military and industry spectrum including Ambassadors and High Commissioners from Australia, New Zealand, Fiji, Japan, the Republic of Korea, Mongolia, Papua New Guinea, Singapore, and Thailand. Over 1000 delegates joined virtually from around the world and throughout the Indo-Pacific region cementing the truly global nature of the Forum. In all, almost 50 countries participated and engaged in the discussions over the 2 days.



#### PARTICIPATING COUNTRIES

Algeria Argentina Australia Brazil Canada Chile Denmark Finland France Germany Greece

#### India Indonesia Ireland Israel Italy Japan Kenya KSA Latvia Lebanon Malaysia

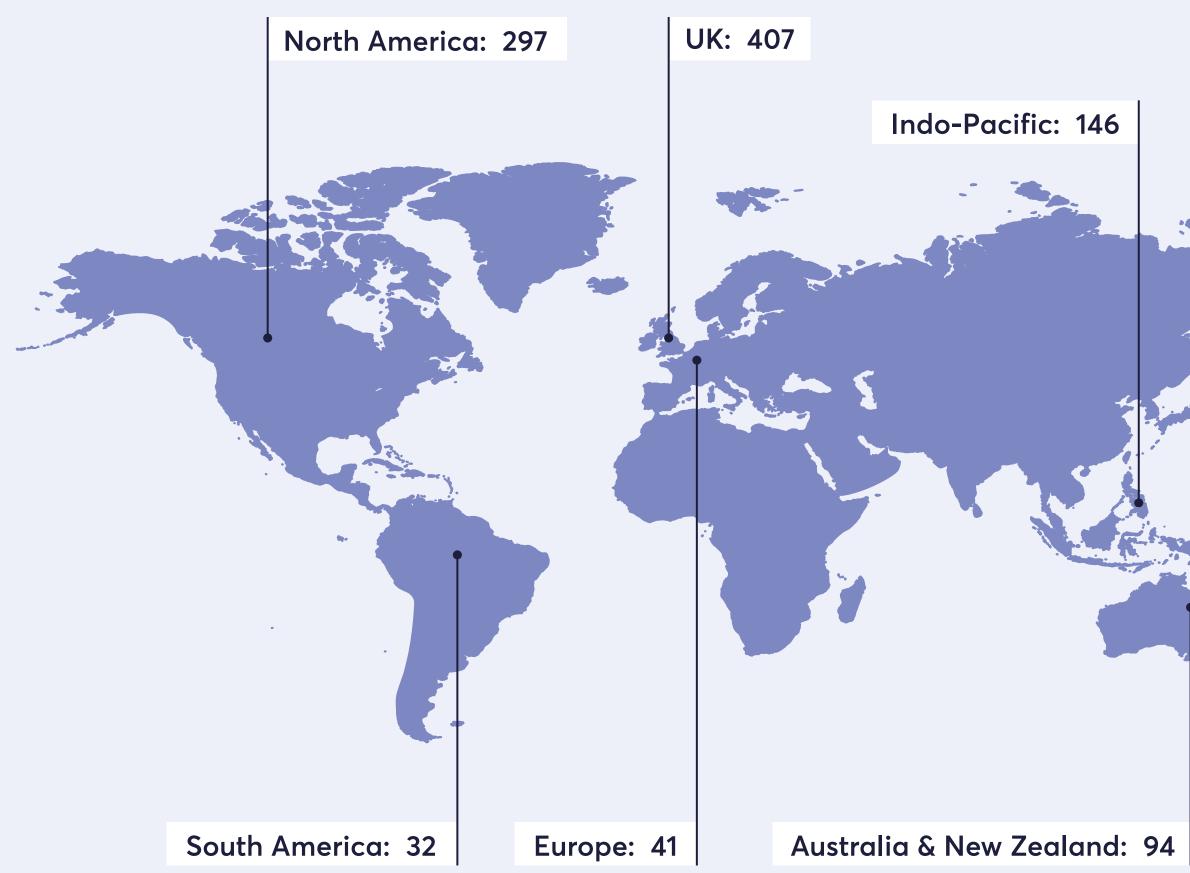
Mexico Mongolia Nepal Netherlands New Zealand Nigeria Norway Peru Philippines Poland Romania

Singapore South Korea Spain Thailand **Timor-Leste** Ukraine **United Arab Emirates** United Kingdom United States of America Vietnam

#### THE PACIFIC FUTURE FORUM



## **KEY AUDIENCE METRICS**



#### THE PACIFIC FUTURE FORUM

UK: 40%

NORTH AMERICA: 29%

INDO-PACIFIC: 14%

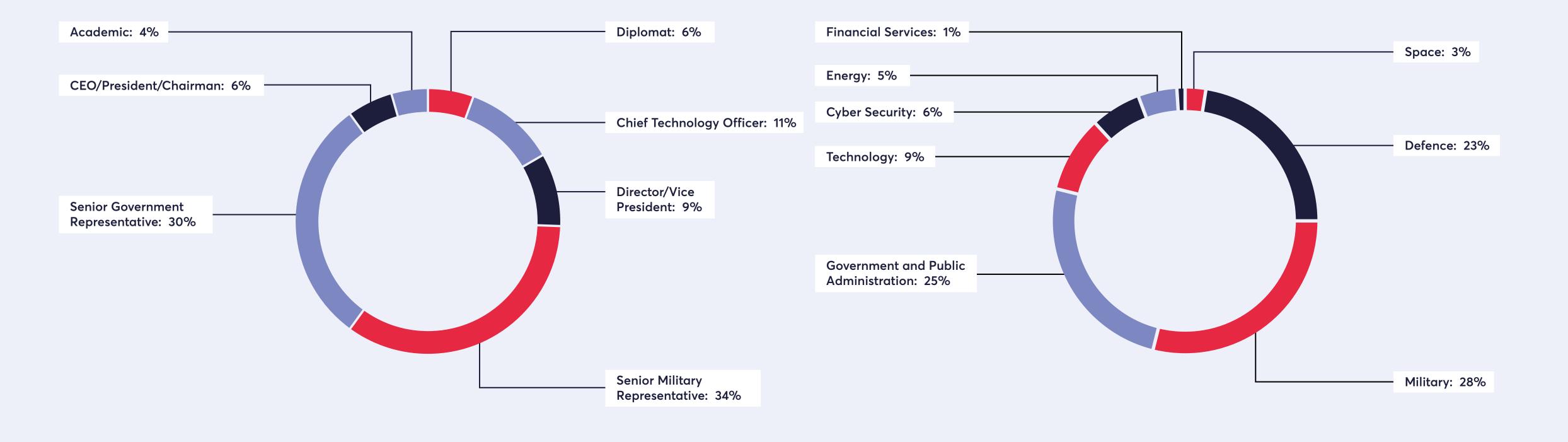
AUSTRALIA & NEW ZEALAND: 9%

EUROPE: 4%

SOUTH AMERICA: 3%



## **KEY AUDIENCE METRICS**



#### LEVEL OF SENIORITY

#### INDUSTRY BREAKDOWN

The quality of the speakers at the Pacific Future Forum was absolutely outstanding throughout. We heard the unvarnished truth which is invaluable to those of us who are working in the field of diplomacy.

Captain Christopher Peschke High Commission of Canada, Defence Attaché to Portugal The Forum brings together a phenomenal range of participants both in uniform, diplomatic, from the political sphere and industry. Garnering those perspectives in one place against the backdrop of HMS Prince of Wales, is what makes this a truly unique event.

Air Commodore Catherine Coton Chief of the Air Staff, Ministry of Defence

## **BRAND EXPOSURE – EMAIL ANALYSIS**

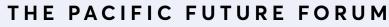
# 66,134 Emails sent via PFF Platform 21%

Average Open Rate

10%

Average Click Through Rate

PACIFIC FUTURE FORUM	PACIFIC FUTURE FORUM	
Dear Ms Dunne,	Dear Ms Dunne,	
Don't forget the next instalment of the PFF Connect mini-series will take place today at 13.00 BST/08.00 EST. This session will be led by Hanwha, our newest strategic partner who we are delighted to welcome into the PFF family!	Five billion people, two thirds of the world's megacities, and on track to top 50% of global GDP by 2040, the world's centre of gravity has shifted to Asia. The Pacific Futur. Forum will explore how our nation can deepen alliances in the Indo-Pacific to solve some of the world's greatest challenges. Alongside senior figures from Government, Defence, Security, and Industry you will hear from:	
Not sure how to tune in? <u>Check out our 'How to Guide'</u>	Professor Rory Medcalf, an Asian Security expert at the Australian National University, who will be speaking about how our nations must move the dial from confrontation to competitive co-existence in the Indo-Pacific.	
G Hanwha PFF Connect: Introduction of Korean Defense Capabilities – Then and Now 12 August at 1pm BST/8am EST	Dr Sue Mi Terry, who previously served as the Director for Korea, Japan and Oceanic Affairs at the National Security Council under Presidents Bush and Obama, will be offering her key insights into the current and future security challenges facing the Indo-Pacific region.	
Since receiving foreign aid during the Korean War 70-years ago, the Republic of Korean has gone on to establish an independent national defence force, as well as contribute to the defence of Europe and other countries through overseas exports. This session will look back at the growth of the Korean defence establishment and its critical contributions to Europe, as well as Hanwha's role in these developments and their ambitions	Hon. Sherri Goodman, the Secretary General of the International Military Council on Climate and Security, who will speak about climate change as a threat multiplier to global instability.	
for the future.	Other speakers confirmed for the Summit include:	
The event will be hosted by Hanwha Defense and will include a Q&A facilitated via the PFF digital platform. The contributors are:	Admiral Sir Tony Radakin KCB ADC, First Sea Lord and Chief of Naval Staff Lord Sedwill, Chairman of the Pacific Future Forum, and former Cabinet Secretary Marianne Schneider-Petsinger, Senior Research Fellow, US and the Americas Programme, Chatham House Rick Wagner, President, Microsoft Federal	
Pasi Pasivirta, Director of Business Development, Hanwha Defense International     Richard Cho, Managing Director, Hanwha Defense Australia     John Kelly, President and CEO, Hanwha Defense U.S	<ul> <li>Nuck wagner, President, Wind Solir Federal</li> <li>Barbara Borgonovi, Vice President, ISR Systems, Raytheon Intelligence &amp; Space</li> <li>Jusuf Wanandi, Senior Fellow and Co-Founder, Centre for Strategic and International Studies (CSIS)</li> <li>Dr Charles Woodburn, Group CEO, BAE Systems</li> <li>Tim Cahlil, Senior Vice President, Global Business Development, Lockheed Martin</li> </ul>	
I look forward to welcoming you to the next event in the PFF Series.	Corporation - Michael Auslin, Payson J Treat Distinguished Research Fellow in Contemporary Asia Hoover Institution, Stanford University - Dr John Chipman CMG, Director General and CEO, International Advisory Council,	
Resulsation	<ul> <li>ISS</li> <li>John Kelly, President and CEO, Hanwha Defense USA</li> <li>Dr Chung Min Lee, Chairman, International Advisory Council, IISS</li> <li>Angus MacGregor-Millar, General Manager, Microsoft Worldwide Defense &amp; Intelligence</li> <li>Tetsuya Watanabe, Vice President Research Institute of Economy, Trade and</li> </ul>	
Stephen Watson Director, Pacific Future Forum	Industry	
We are very grateful to have the support of a number of leading private sector companies including: Strategic Partners Company	Download the Programme Don't miss your chance to attend virtually. You'll be able to see the latest speaker announcements, explore the full programme and reserve a virtual seat at some of the sessions. Register Now	
Associate Partners	I very much hope you will be able to join us.	
Supporting Partners Descence QuineTIQ & Leonsphoo	Nephbata	
SME Partners	Stephen Watson Director, Pacific Future Forum	
	We are very grateful to have the support of a number of leading private sector companies including:	
00	Strategic Partners	
PACIFIC	Associate Partners	
	Supporting Partners	
	SME Partners	



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eserve Your Seat

📿 Hanwha

Richard Cho, Managing Director, Hanwha Defense Australia
 John Kelly, President and CEO, Hanwha Defense U.S

leading private sector companies including

Associate Partner

Supporting Partners QINETIQ

SME Partners

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Not sure how to tune in? Check out our 'How to Guide'

Dear Ms Dunne,

for the future.

Ryhlith

Stephen Watson Director, Pacific Future Forum

The contributors are:



SME Partners PRATER-NASH

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Our plenary - <u>Euture Disrupted2 The Emerging technologies of tomorrow</u> - will bring together experts in this field to discuss how our nations prepare for and transition to a quantum future and join together to mitigate their impact on data privacy and national

Dear Ms Dunne,

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Stephen Watson Director, Pacific Future Forum

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Professor Angela McLean, Chief Scientific Adviser, UK Ministry of Defence

Professor K. VijayRaghavan, Principal Scientific Advisor, India

Dr Ian Levy OBE, Technical Director, National Cyber Security

You will also hear from other senior figures from Government, Defence, Security, and Industry. For a full list of topics and speakers at this globally renowned Summit download the programme below:

Download the Programme

Register Now

We are very grateful to have the support of a number of

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Don't miss your chance to attend virtually. You'll be able to see the latest speaker announcements, explore the full programme and reserve a virtual seat at some of the sessions.

I very much hope you will be able to join us.

Dr Charles Woodburn, Group CEO, BAE Systems

Dr Peter Highnam, Deputy Director, DARPA

PACIFIC FUTURE FORUM

The PFF Connect mini-series kicks off tomorrow at 1pm BST/8am EST with Microsoft's exploration of a cloud enabled defence posture hosted by Kate Maxwell, Chief Technology Officer of Microsoft Worldwide Defense & Intelligence. Reserve your seat now using the button below.

Reserve your seat now in My Schedule

Microsoft

Forces and defence organisations must make decisions quickly, and data is the lifeblood of every mission. The focus of military activity has not changed since the time of antiquity: if you can observe, orient, decide, and act faster than your opponent, you gain an advantage.

Angus MacGregor-Millar, General Manager, Worldwide Defense & Intelligence, Microsoft

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How to watch live

We are very grateful to have the support of a number of

Strategic Partner

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leading private sector companies includin

I look forward to welcoming you to the first event in the PFF Series.

Microsoft: Driving a Cloud Enabled Defense Posture

Dear Ms Dunne

The panellists are:

Reshbata

Stephen Watson Director, Pacific Future Forum

GRUMMAN

We face a moment of technological reckoning; quantum and AI are advancing at a rapid speed and if used responsibly they have the potential to solve some of the world greatest problems. However, in the wrong hands they could become dangerous tools that could disrupt security protocols and render today's sophisticated encryption

## Don't forget the next instalment of the PFF Connect mini-series will take place on Thursday 12 August. This session will be led by Hanwha, our newest strategic partner who we are delighted to welcome into the PFF family! Reserve your seat now to avoid disappointment. PFF Connect: Introduction of Korean Defense Capabilities – Then and Now 12 August at 1pm BST/8am EST Since receiving foreign aid during the Korean War 70-years ago, the Republic of Korean has gone on to establish an independent national defence force, as well as contribute to the defence of Europe and other countries through overseas exports. This session will look back at the growth of the Korean defence establishment and its critical contributions to Europe, as well as Hanwha's role in these developments and their ambitions for the future. The event will be hosted by Hanwha Defense and will include a Q&A facilitated via the PFF digital platform. Pasi Pasivirta, Director of Business Development, Hanwha Defense I look forward to welcoming you to the next event in the PFF Series. We are very grateful to have the support of a number of BAE SYSTEMS CHanwha Hanwha # LEONARDO



## **BRAND EXPOSURE – SOCIAL MEDIA**

	<b>161</b> Tweets	Boris Johnson 🥥 @BorisJohnson · Oct 20 In United Kingdom government official The Indo-Pacific is increasingly important for our security and prosperity.
<b>1.5m</b>	47,886 Profile Visits	I'm delighted that we are bringing government and industry leaders togeth on board the magnificent HMS Prince of Wales carrier to discuss how we can strengthen our alliances in the region. First Sea Lord Ø @AdmTonyRadakin · Oct 20
Impressions	19,684 Engagements	Over the next two days @HMSPWLS will host the Pacific Future Forum, the UK's annual trade, tech, security and defence summit bringing together senior global decision makers to discuss key issues affecting the world today.
TWITTER		pacificfutureforum.com @RoyalNavy @Future_Pacific
	<b>1.47%</b> Click through rate	<ul> <li>You Retweeted</li> <li>First Sea Lord ② @AdmTonyRadakin · Oct 22</li> <li>Pacific Future Forum was a real success bringing together different viewpoints on trade, tech, defence and security. It was great to catch up</li> </ul>
11,567	2.88% Engagement Average	with old friends including General Wolters, @NATO SACEUR, and Admiral Aquilino, Commander US Indo-PaCom aboard @HMSPWLS. @Future_Pacific
Impressions		





Rick Wagner (He/Him) • 3 President, Microsoft Federal tw • ©

#### THE PACIFIC FUTURE FORUM



### Tina Fordham @TinaFordham1

Very much looking forward to speaking at the @Future\_Pacific this Wednesday on board the HMS Prince of Wales. I'll be on a panel looking at socioeconomic resilience post-pandemic, together with Lord Mark Sedwill and historian @peterfrankopan. Register below!

Pacific Future Forum @Future\_Pacific · Oct 13 ONE WEEK TO GO until #PFF21! Today's to do list: - Register to attend if you haven't already done so 🗸 - Find out about the great speakers we've got lined up - Learn about the topics that will be covered 🗸



PACIFIC FUTURE FORUM **REGISTER NOW** 



Just one 1 day until @Future\_Pacific so here are a few words from the CO of @HMSPWLS.

Looking forward to seeing you all.

@bealejonathan @haynesdeborah @BBCJLandale @NavyLookout @DefencePhoto @harry\_lye





Lockheed Martin UK 🤣 @LMUKNews · Oct 21

1 You Retweeted Karen Pierce 🤣 @KarenPierceUK · Oct 21 United Kingdom government official

> Stimulating morning spent speaking to the Pacific Future Forum. I was delighted to announce that, in 2022, the Atlantic Future Forum returns to the USA and will be hosted on board HMS Prince of Wales. Looking forward to being back on board!



Pacific Future Forum @Future\_Pacific · Oct 21 In our first plenary session today on "Indo-Pacific defence and trade in a competitive age" our panellists are discussing how democratic and technologically advanced nations are seeking to deepen their engagement



**Pacific Future Forum** 

We're very grateful to have the support of a number of leading private sector companies. Without them, the Pacific Future Forum simply wouldn't happen.

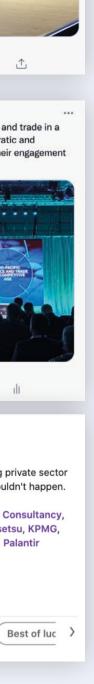
Thank you Airbus, Arqit, BAE Systems, Boeing, Frazer-Nash Consultancy, Hanwha Defense, IERUS Technologies Inc, Improbable, Kinsetsu, KPMG, Leonardo, Lockheed Martin, Microsoft, Northrop Grumman, Palantir Technologies, PwC, QinetiQ and Raytheon Technologies.

It's great to have you as partners of the Pacific Future Forum!











The Forum has been superb for our brand awareness; we are a start-up going into scale-up and the level of exposure we gained at PFF will be instrumental in our future success.

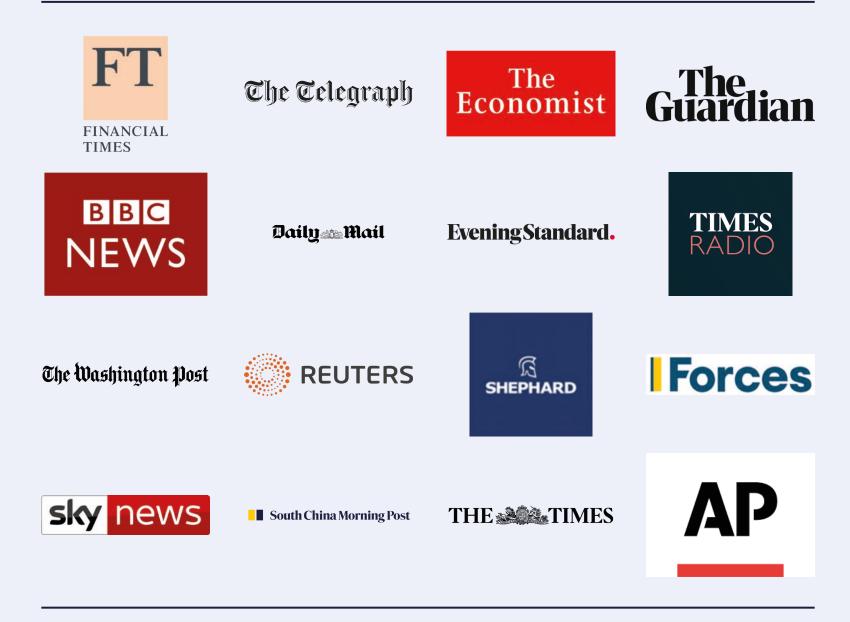
Matt Chuter Commercial Director, Improbable The most thought-provoking and value-add Forum I have ever attended and certainly the best venue by an order of magnitude.

Theo Saville Co-Founder and CEO, CloudNC

## **PRESS COVERAGE**

From cyber security and international trade to climate change and geopolitics, the PFF provided a platform for industry and political leaders to have their voices heard on the most pertinent issues in the democratic world.

- The PFF was reported in over 30 media outlets
- Over 20 news, defence, security and trade journalists attended the event





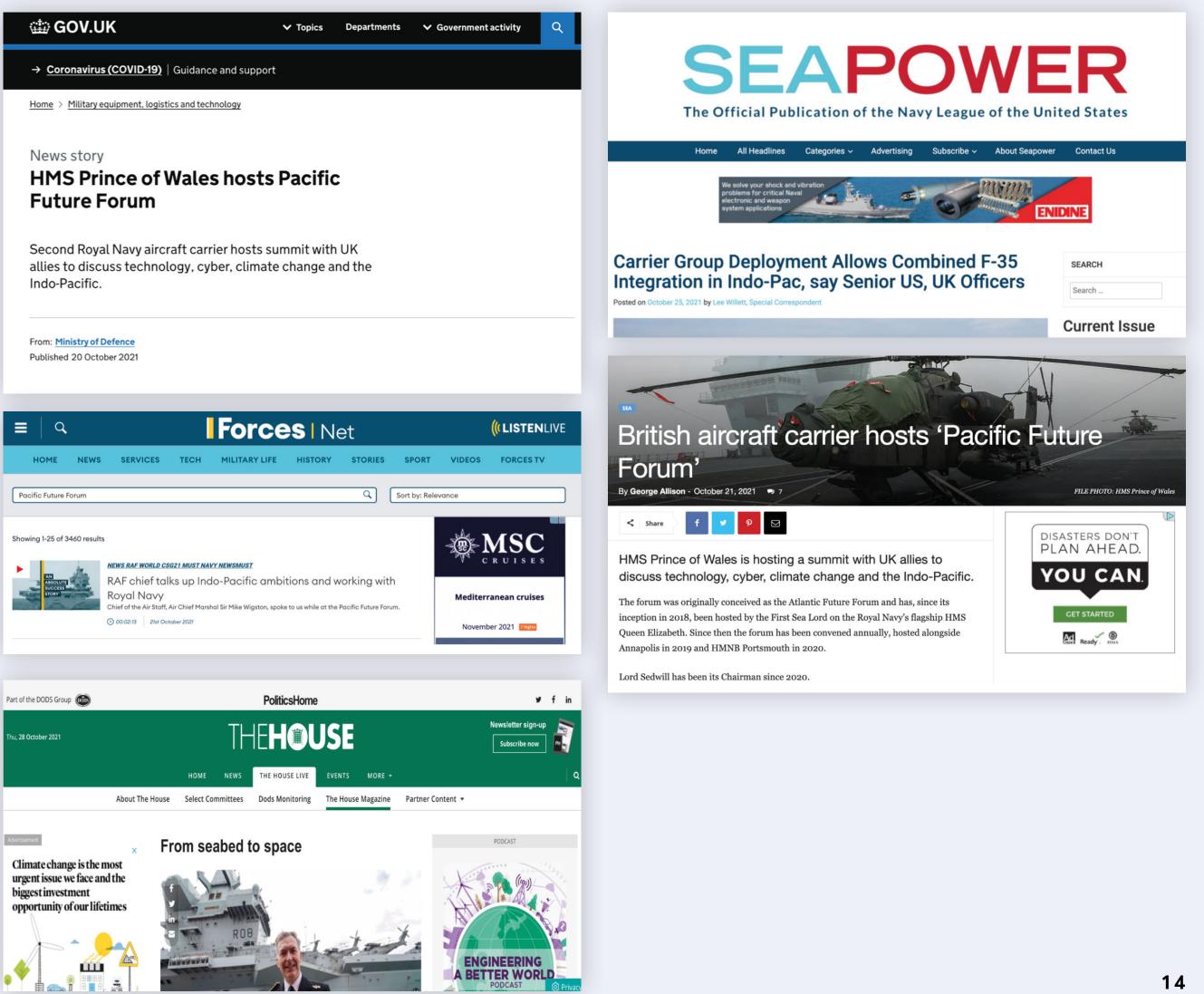








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## **PFF PARTNERS**

Central to the success of the Future Forum, since its first iteration in 2018, has been the collaboration and partnership between the public and private sector. Without the support from our partners, the Forum would not exist. We wish to thank the following companies for their advice and generous support in staging the Pacific Future Forum 2021.





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