

“Collaboration the Key to Unlocking Defence Capabilities”

Article from the AICC(WA) ECU Annual Executive Event 2018 featuring the Hon Paul Papalia CSC MLA, Minister for Tourism; Racing and Gaming; Small Business; Defence Issues; Citizenship and Multicultural Interests, and Member for Warnbro, speaking on
"Growing and Promoting WA's Defence Industry."

This event was held at the Aloft Hotel, Rivervale on Wednesday 7 March 2018.



At both Federal and State level, the drive to develop Australia's defence capabilities, and to develop enterprise that supports the defence industry supply chain is currently a core policy focus.

Israel's expertise in the defence industry was outlined by Mr John Cluer, AICC(WA) Chief Executive, as he introduced the presentation on WA defence capability, also linked to the forthcoming AICC(WA) Defence Delegation to be led by Senator Linda Reynolds CSC.



From L to R - Mr John Cluer, Chief Executive, Australia-Israel Chamber of Commerce (WA), Senator Linda Reynolds CSC, Senator for Western Australia, Professor Steve Chapman, Vice-Chancellor, Edith Cowan University, The Honourable Paul Papalia CSC MLA, Minister for Tourism; Racing and Gaming; Small Business; Defence Issues; Citizenship and Multicultural Interests. Member for Warnbro, Government of Western Australia, Dr Andrew Dowse AO, Air Vice-Marshal (retd), Director, Defence Research and Engagement, Edith Cowan University and Mr Steve Ibbotson, Director, 3Pillars Asia Pacific

In February 2018 the Turnbull Government released its Defence Export Strategy which includes a \$3.8 billion loan facility and a new Defence Export office. The report shows how being part of global supply chain with value added production can drive Australian exports. The obvious opportunity to partner with Israeli companies to link technology licensing with manufacturing enticing.

At present, Australia's defence industry exports are running at \$2.5bn a year and Australia is No 20 in the ranks of defence exporters. If the Turnbull Government reaches its ambitious goal then Australia would catapult into the world's top 10 defence exporters within a decade, as well as generating new employment and investment.



From L to R - Professor Stephen Smith, Board of Directors, Perth USAsia Centre, UWA, Mr Steve Ibbotson, Director, 3Pillars Asia Pacific, Dr Andrew Dowse AO, Air Vice-Marshal (retd), Director, Defence Research and Engagement, Edith Cowan University, The Honourable Paul Papalia CSC MLA, Minister for Tourism; Racing and Gaming; Small Business; Defence Issues; Citizenship and Multicultural Interests. Member for Warnbro, Government of Western Australia, Professor Steve Chapman, Vice-Chancellor, Edith Cowan University, Mr Peter Brampton, General Manager, The Westin Perth and Senator Linda Reynolds CSC, Senator for Western Australia

Israel's defence industry, driven by necessity, is a mainstay of its economy. Last year military exports from Israel were valued at \$6.5 billion, making Israel one of the world's leading exporters of defence goods and services. The industry has evolved from a need for self-sufficiency, and now focuses on more on sophisticated advancements relating to surveillance, hi-tech, robotics, and protective cyber capabilities. The country has a unique culture that allows military service to evolve into economic enterprise under private structures, and brings together experience and innovation to deliver futuristic technologies.

For example, Israel is the world's largest exporter of drones. The country is a leader in UGV's otherwise known as Unmanned Ground Vehicles that undertake border patrol activity. The Arrow anti-missile program and Iron Dome technology has intercepted and destroyed thousands of missiles fired at Israel before they have had the chance to hit the ground. Rafael has developed an unmanned patrol ship called Protector which is being used by Israel to protect its strategic ports and patrol the country's long Mediterranean coastline.

In 1988, Israel launched its first spy satellite into space, gaining membership in the exclusive club of just eight nations with independent satellite-launching capabilities. Today its satellites have radar that sees through everything from cloud and fog to camouflage nets with exceptional resolution. While other countries have invested in defence technology, none have created a multi-tier architecture like Israel.



Professor Steve Chapman, Vice-Chancellor, Edith Cowan University

ECU Vice-Chancellor Professor Steve Chapman reiterated that Western Australia has a considerable role to play in defence. He introduced Dr Andrew Dowse, recently appointed to the newly created position of Director, Defence Research and Engagement for the University. The position was established to develop stronger relationships between ECU and defence industries locally, nationally and internationally, and as a former senior Australian Defence Force officer, Dr Dowse is well positioned to expand ECU's world-leading capabilities to deliver research and innovation that build sovereign capability.

The appointment follows the launch of the Federal Government's \$720 million Next Generation Technologies Fund in March 2017, designed to foster innovation and closer links between defence, industry and universities. It also aligns with the launch of Defence West, a new Western Australian Government body established in May 2017 to secure more defence contracts in WA.



Senator Linda Reynolds CSC, Senator for Western Australia

The drive for new WA defence industry activity was further reinforced by Senator Reynolds who spoke fondly of her previous visits to Israel, providing context to the strategic dialogue on defence and broader industry engagement. She noted that “distance no longer matters” and spoke of the strong and enduring bonds between Israel and Australia, underpinned by a similar approach to democracy, economic and social issues, shared values and a positive outlook. She invited participation to the delegation, saying “This delegation is not just about what we can learn from Israel, but how we can also transfer Australian IP, and showcase our industry capability for export.”



The Honourable Paul Papalia CSC MLA, Minister for Tourism; Racing and Gaming; Small Business; Defence Issues; Citizenship and Multicultural Interests. Member for Warnbro, Government of Western Australia

Minister Papalia presented on the WA Government's renewed focus on defence industry and the initiatives being undertaken to ensure the State makes a strong contribution to the Commonwealth's upcoming defence programs. Minister Papalia discussed WA as a strategic location for defence exports to emerging economies in the Indian Ocean region.

Mr Papalia shared some of his Naval experiences, including a trip to Israel in the post Gulf War era where he saw first-hand the immediate need that Israel had for existential security.

Complementing the AICC(WA) on its Defence Delegation initiative, the Minister also expressed admiration for the Federal Defence Export Strategy and assured Senator Reynolds of collaboration from State to Federal level. He had confidence in WA's flexibility to meet both a sovereign defence capability in conjunction with growth in defence export capability, part of his Government's electoral platform to diversify the economy.

Two strategic advantages for WA were noted by the Minister;

- Knowledge and expertise from the commodities and resources sector is transferrable to the growth of defence industries. Examples include the security and management of offshore infrastructure, coastal protection, and autonomous vehicle activity, all deployed with high levels of sophistication within our primary industries.
- The geographic position and proximity to major trading markets. Mr Papalia noted that we are in an Asian time zone within reach of almost one third of the global population.

The WA Government has appointed a defence advocate to be “eyes and ears” and represent WA defence opportunities to Canberra. Similarly it has deployed a strategic advisor to seek new business, specifically targeted at Small to Medium Enterprise.

With the Australian Defence Council meeting in Western Australia, and relationships being developed, Mr Papalia concluded that the role of the Government was to be an enabler, not a participant. He reiterated the logistical and political advantages of delivering Federal initiatives to Western Australia.



Mr Steve Ibbotson, Director, 3Pillars Asia Pacific and The Honourable Paul Papalia CSC MLA, Minister for Tourism; Racing and Gaming; Small Business; Defence Issues; Citizenship and Multicultural Interests. Member for Warnbro, Government of Western Australia

Through engagement with the audience, Mr Papalia addressed issues including the level of defence representation in WA, Radio Astronomy and satellite activity, the impact of climate change on security, and the application of Federal Funding.

Mr Papalia further discussed defence collaboration, and noted academic collaboration on the major SKA project. He singled out Professor Craig Valli as an example of “the best in his field in Australia”, citing how cyber capability and other industry capability can sometimes escape recognition due to WA’s isolation from the east. He further elaborated to note that when training students in skill sets such as cyber, it was also important to deliver the career paths and high level jobs within Western Australia to retain talent. “Industry growth requires skill capacity, and we are directing a strategic focus in this area. We need a workforce that can live locally, and service both local and global markets.”

The ability to evolve physical infrastructure including ports and airports, ship building capacity, and marine channel infrastructure is also on the strategic agenda, including the Defence West strategy. Noting this infrastructure also relates to tourism, Mr Papalia shared the example of Exmouth as an opportunity for economic evolution contingent on Federally funded infrastructure appropriations.



From L to R - Mr Steve Ibbotson, Director, 3Pillars Asia Pacific, The Honourable Paul Papalia CSC MLA, Minister for Tourism; Racing and Gaming; Small Business; Defence Issues; Citizenship and Multicultural Interests. Member for Warnbro, Government of Western Australia and Dr Andrew Dowse AO, Air Vice-Marshal (ret'd), Director, Defence Research and Engagement, Edith Cowan University

Mr Steve Ibbotson, Director, 3 Pillars Asia Pacific proposed a vote of thanks, drawing on the transition of WA skills and capabilities from the resources sector into the defence sector. “There are many lessons we can learn from how Israel has capitalised on investment in their defence industry, and more importantly how they have become an international exporter of their defence capabilities. That’s why we are supporting the defence delegation visit there in May.”

Reflecting on Mr Papalia’s comments, Mr Ibbotson also noted “We believe we can all harness the creativity and innovation that has come from our remoteness and harshness and convert knowledge and technologies traditionally seen in mining, agriculture, forestry, fisheries into valuable Defence applications. The companies that are out there just need a little hand in making that transition. I was encouraged by the Ministers support of collaborative activity, and it is wonderful to have the support of both Federal and State Government.” Although we continue to be threatened by our remoteness we are starting to see a better appreciation of the value stream and the Minister’s presentation has strongly reinforced the tremendous opportunity that sits before us.”



From Top Left clockwise: Ms Kerryl Bradshaw, Principal and APAC Regional Director, Advisian, The Honourable Paul Papalia CSC MLA, Minister for Tourism; Racing and Gaming; Small Business; Defence Issues; Citizenship and Multicultural Interests. Member for Warnbro, Government of Western Australia, Professor Steve Chapman, Vice-Chancellor, Edith Cowan University, Professor Lyn Beazley AO, FTSE CIE, Sir Walter Murdoch Distinguished Professor of Science, Murdoch University and Senator Linda Reynolds CSC, Senator for Western Australia



AICC(WA) Upcoming Events



Mr Ian Love

"The AICC(WA)'s In-Resident Expert on
Blockchain & Cryptocurrency"

FOUNDER OF AUSTRALIA'S FIRST CRYPTO ASSET FUND
"THE BLOCKCHAIN EARLY OPPORTUNITIES FUND"

"Blockchain, Bubbles & Bull..."

**28
March**



Dr Philip Lowe

Governor of the
Reserve Bank of Australia

**"Recent Developments in the
Australian & Global Economies"**

**11
April**



Mr Alastair McGibbon

Special Adviser to the Prime Minister,
on Cyber Security

**"From Australia to Cyberia - the state
of our nation in preparedness for
FUTURE cyber realities NOW"**

**3
May**



Mr Andrew Forrest AO

Chairman and Founder,
Fortescue Metals Group,
Chairman, Minderoo Foundation

**"Turning Australia around and
leaving no one behind"**

**8
May**



Ms Diane Smith-Gander

Non-Executive Director AGL Energy
and Wesfarmers Limited.
Advocate for Gender Equality

**"Learning to lead - one
woman's perspective"**

**13
June**

Cyber for C-Suite

Cyber Security remains listed among the top business risks within Australia. Organisations such as ASIC and the AICD note that Boards are increasingly cognisant of cyber risks, however often lack momentum to practically address technology vulnerabilities. It is both a governance and an operational challenge to oversee cyber risk and protect an organisation's data, without compromising opportunities for innovation.

The AICC(WA) has pursued a Cyber agenda since our inaugural Cyber Security trade delegation to Israel in 2016, led by former ASIO Director David Irvine AO, in conjunction with Professor Craig Valli, Director of ECU's Security Research Institute. Through this program, delegates explored Israel's approach to cyber education, policy and regulation, investment, and technology innovation. Israel's resilience to Cyber is reinforced by more than 400 Cyber start up companies and 15% of global research and development funding for Cyber being directed to Israel's innovation hubs. Israel continues to deliver new Cyber protection within diverse sectors such as medical lifescience, agritech, watertech, cleantech and transport.

Last year the AICC(WA) maintained a focus on Cyber through our FutureNOW series, where leading companies demonstrated how Perth is "32 milliseconds from anywhere" and presenting data on the impact and responses to cyber breaches from local businesses.

The Chamber continues to extend its support to Cyber Security by facilitating an integrated workshop series called "Cyber for C-Suite". These sessions will be presented by Professor Valli, one of Australia's foremost experts in Cyber Security. In addition to drawing on his Israel and local industry connections, Professor Valli will provide a contemporary program to guide your organisation's preparedness for cyber protection.

Places are limited to 25 participants so please book early to avoid disappointment.

The AICC (WA) and Edith Cowan University PRESENT...

Cyber for C-Suite

TAKING EXECUTIVE LEVEL
RESPONSIBILITY FOR CYBER SECURITY

presented by

PROF CRAIG VALLI

Director of ECU's Security Research Institute,
Australia's leading cyber security university

DATES

5 X HALF DAY SESSIONS | 1-5 PM

JUNE 11, JULY 10, AUGUST 15, SEPTEMBER 13 & OCTOBER 19, 2018

WHO SHOULD ATTEND

C-LEVEL EXECUTIVES

5 WORKSHOPS - ALL 1-5 PM

The importance of a company-wide approach to cyber security for any organization is paramount. But this change in company culture must start from the top down before a cultural shift in focus from risk reduction to risk prevention can occur. It all comes down to people, processes and technology.

With the recent Notifiable Data Breach Act important questions C-level executives need to ask themselves are:

1. If your organisation was attacked today, how would you know?
2. If an attack were successful, what is the worst that could happen?
3. What are you doing to address these issues and improve cyber risk visibility for yourself and your board?

Firms need to know the most appropriate measures for their circumstances, and securing their business against the potential loss of income (both immediate and long-term), business credibility and critical data caused by poor cyber security. The key to protecting value is to maximise the benefits of the Internet for commerce while minimising the risks of being connected to a global 24/7 network.

Over the course of the 5 tailored workshops on offer, attendees will learn about current and emergent cyber security issues, gain a unique insight into the mechanisms of a cyber-attack and be given the most appropriate tools and techniques to better protect themselves and their organisation by achieving a lower cyber security risk profile. An adjunct to this will be advice on how best to prepare and respond when you or your organisation is the victim of a cyberattack.

DAY 1 JUNE 11

Exploring the current cyber security environment in which we all operate. Taking a look at who, what and why we are all targeted and attacked by cyber criminals.

DAY 2 JULY 10

A workshop where you will see how easy it is to become an attacker using freely available tools. Giving you a useful insight into the simplicity of some attacks that can have a catastrophic impact on an organization.

DAY 3 AUGUST 15

Looking inside an attack: How to report and who to report to.

- How to identify a breach
- What information needs to be collected and
- Who to report to and when to report your organisation has been a victim of an attack.

DAY 4 SEPTEMBER 13

Assessing potential impact and risk for your organisation - preparing for the 1st, 2nd and third order consequences.

DAY 5 OCTOBER 19

Board and Governance issues and concerns when it comes to cyber security for your organisation.

VENUE

Herbert Smith Freehills

Level 36, QV1 Building,
250 St George's Terrace, Perth

PARKING

QV1 PUBLIC CARPARK
976 Hay St (entrance on right hand side of
Murray St). Exit from car park is on Hay St. QV1
entrance is situated across Hay Street.

NOTE: The content and take away resources presented at each workshop will provide the foundation for subsequent workshops content and resources. It is therefore requested that each attendee makes the commitment to attend all 5 workshops in person. NO SUBSTITUTES.

Online bookings, go to www.aiccwa.org.au

RSVP for all bookings: diane@aicc.org.au 0402 344 352

AICC(WA) Members **\$650** (plus GST) pp
AICC(WA) Non-Members **\$850** (plus GST) pp
2 or more from same organisation **\$700** (plus GST) pp
THIS EVENT IS OPEN TO ALL C-SUITE EXECUTIVES - 25 PLACES ONLY



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SMITH
FREEHILLS

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