

APVI AGM 2018

Columbo Theatres UNSW, Sydney 5th December 2018

AGM Dropbox folder: <https://bit.ly/2Qxfcb3>

Attendees

Members:

DRAFT

Name	Affiliation
1. Ken Guthrie	Sustainable Energy Transformation
2. Renate Egan	Solinno
3. Steve Blume	NoCarbon Pty Ltd
4. Chris Fell	CSIRO
5. Anna Bruce	UNSW
6. Muriel Watt	ITP Renewables
7. Richard Corkish	UNSW and ACP
8. Oliver Woldring	ITP Renewables
9. Rob Passey	UNSW/COREM/ITP
10. Mike Roberts	UNSW
11. Nathan Chang	Solinno
12. Joe Wyder	ITP Renewables
13. Linda Koschier	Origin
14. Sharon Young	UNSW
15. Trevor Lee	Exemplary Energy
16. Rui Tang	Solar Analytics
17. Naomi Stringer	UNSW
18. Iain Macgill	UNSW

Non-members:

None

Apologies

Olivia Coldrey	Director APVI
Nicolle Ghiotto,	Director APVI
Mary Hendriks	Executive AESA

The meeting commenced at 5:30pm, with Renate Egan as Chair.

Previous Minutes

The minutes from the 2017 AGM were accepted as a true record.
(Moved Ken Guthrie, seconded Steve Blume)

Matters Arising

- On Financials in 2017 AGM, Richard Corkish asked for full accounts on projects. Rob Passey agreed to circulate audited accounts and to table prior to AGM in 2018.
- Outcome: 2018 project accounts were provided prior to the meeting (in dropbox circulated with AGM invitation) and were presented in the meeting

Chair's Report

The Chair presented 2018 report. The report is embedded herein. Following is a summary of additional remarks made by the Chair and some ensuing discussion:

SUMMARY 2018 ACTIVITIES

Projects (Lead)

- Roll-out of Solar Potential Tool (NSW Councils)
 - Northern Beaches, Ryde, LaneCove, Blacktown, InnerWest
 - ACT government
 - NSW government
- IEA representation (through to end 2022)
- Annual Solar Research Conference

Projects (Participant)

- Real-time operational PV simulations for distribution network service providers with ANU (Nic Engerer)
- Networks Renewed with UTS (Geoff James)
- Global Linkages: Advanced Manufacturing: Si with Hydrogenation (UNSW)

Media

Many

Presentations (eg)

- Renewable Cities
- Smart Energy Council (May)
- Task 15 OA Meeting (November, Sydney)
- Solar Research Conference (Dec, Sydney)

Submissions ...

- In partnership, led largely by UNSW



PVPS Tasks and Research projects

IEA PVPS and SHC have received new support from ARENA to support increased activity therefore more participation in tasks expected.

- Australia's representation to IEA on PVPS and SHC (to end 2022)
- National survey reports to IEA
- APVI hosted 2018 PVPS Sustainability Task 15 meeting
- New task 18 started & will be led by Chris Martell from GSES.
- IEA PVPS and SHC review held at 2018 Asia Pacific Solar Research Conference: Next conference in Canberra

- Global Innovation Linkages (supporting cell and module research at UNSW)
- Smart Cities and Suburbs (SunSPoT, to June 2019)
- Networks renewed (with UTS)

IEA PARTICIPATION PVPS & SHC

✓ APVI funded by ARENA to continue support for APVI engagement in PVPS and SHC through to 2022

- ✓ Strong growth in participation as a result, with a number of new experts appointed
- ✓ PV in Australia Report
 - Snapshot report (April 2018) – press in Renew Economy
 - PV in Australia report published (June) – press in Renew Economy
 - Trends in PV report (today)
- ❖ Australia hosted Task 15 meeting, November 2018 in Sydney
- ❖ Australia position to lead Task 18 (Solar in Emerging Grids) – with [Chris Martels](#) (of GSES) as Operating Agent and contemplating co-operating agent for Task 15 (BIPV)



The Solar Map remains a key project for the APVI and is widely accessed, cited and acknowledged.

- In late 2017 APVI was awarded funding by Smart Cities and Suburbs for platform development and in support of national roll-out, in partnership with Councils/Local Govt Areas (LGAs)
- New LGA's mapped include Northern Beaches, Ryde, Lane Cove, Blacktown – Sydney focus at present due to data availability
- NSW Government are backing a mapping of the entire state (urban and suburban areas) leading to a review of the algorithms and processes. New techniques will lead to lower cost of mapping and hosting, benefitting all of Australia.

SunSPoT

SMART CITIES AND SUBURBS

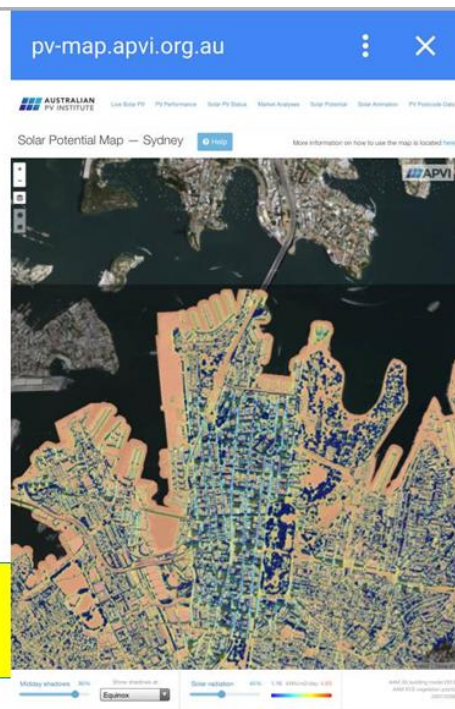
Working with up to twenty Councils and other participating organisations across Australia on a wider roll-out of the Solar Potential Tool.

430k over 18 months

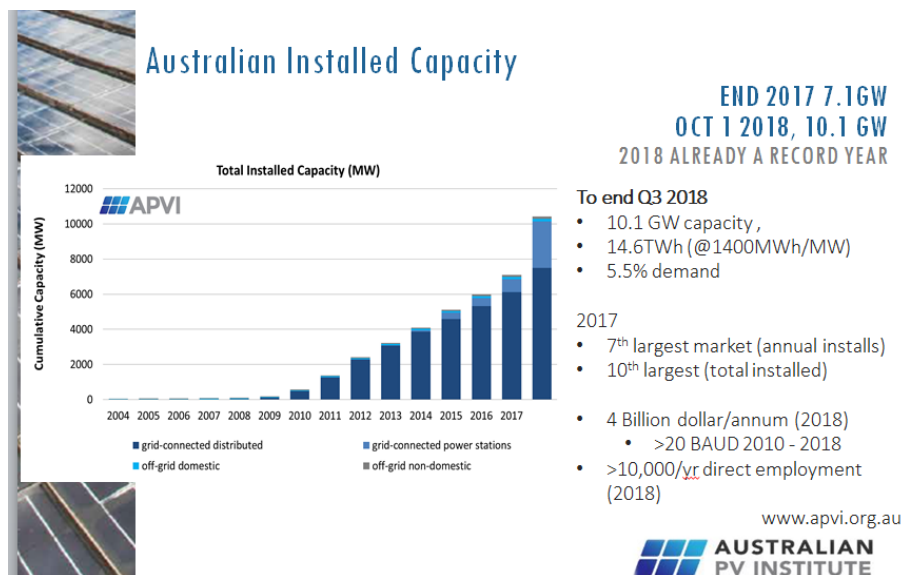
Councils pay to have their area mapped and subscribe to maintain the data.

Project funds support the data acquisition and allow to build out new features

Let us know if you are interested in working with your council in the wider roll-out.



The Chair presented a market update, based on Solar Mapping Tools statistics and summarized in the following:



Reports, Submissions and Presentations

- The APVI was well represented at a number of events over 2018 including
 - SunSPoT Launch, Hon Minister Paul Fletcher 5 April 2018, Smart Energy Conference (Renate Egan), 24 April 2018
 - Renewable Cities, Adelaide (Dan and Renate), 23-24 May 2018
 - Asian PV Forum, Taiwan (Chris Fell) 10 Sept 2018
 - Climate Councils Partnership Forum, 18-19 October 2018
 - Hosted Task 15, Project Meeting, 27-28 Nov 2018
 - CEEM & APVI Tariff Workshops, 3 December 2018
 - APSRC 2018, many presentations, 4-6 December 2018

Future Projects

The following is a summary of existing and planned projects

- Large Scale Solar (integration, outcomes and impact). PROPOSED

Partnerships

Partnerships have evolved a little since last year

- Climate council media remains strong
- Solar Citizens – growing with engagement on solar potential
- Solcast – Canberra based start up- working to include forecasting on Solar Mapping Tools
- UTS – collaborating on Networks Renewed
- NSW Government – Supporting the Smart Cities and Suburbs, SunSPoT project

KEY CHALLENGES

Maintaining Profile

- Through collaboration, partnerships, projects and conference
- CEC, Smart Energy Council, Solar Citizens, Climate Council, Energy Consumers Australia and Climate Media Centre, UTS, UNSW, ANU and industry partners

Delivering Membership Value

- OFI – engagement with membership

Funding

- In lower margin, lower volume market
- Good success here in 2018 with IEP, Smart Cities and State and Local Govt

Resourcing

- Improving with increased project funding
- Could do better in policy and submissions

Business Development

- Success in 2018 through projects and partnerships



The Chair's report was accepted.

(Moved Steve Blume, seconded Muriel Watt)

Treasurer's Report

The Treasurer's report was presented (see appendix)

Following is a summary of remarks made by the Treasurer and ensuing discussion:

Current Financial Year

- Rob Passey presented financials. Reported profit in FY 17/18 after a small loss in FY16/17. The difference is in the hosting costs for the Solar Mapping tools, which were borne from membership funds and are now funded from Smart Cities and Suburbs and Council subscriptions.
- Project finances were presented. All money is allocated, most in consultancy paid as research contracts to research institutions. There is approx. \$1M project funds under management.

Questions

- Cash reserves now exceed 50k
- Project funds are all only paid out after receipt of project cash. No risk to APVI.
- Conference funding is run as a project. The conference runs a small profit each year with reducing support from ARENA. Will need to be self sufficient by 2019.

Appointment of auditor

- Rob is very happy with current auditors, they are good and thorough.
- The meeting discussed and agreed it was good value.

WC Accountants proposed as auditors.

Moved Rob Passey, seconded Steve Blume

Subscription fees

- No change in fees at end 2018

- Noting that there was a recommendation passed to establish a regular annual increment in 2017 Minutes.

The Treasurer's report was accepted.
(Moved Anna Bruce, seconded Steve Blume)

Election of Board and Office Bearers

Directors are in place for 2 years unless they retire.

ELECTION OF 2019 BOARD AND NOMINATION OF OFFICE BEARERS

▪ **The current APVI Board consists of**

Olivia [Coldrey](#), Renate Egan, Chris Fell, Nicole [Ghiotto](#), Oliver [Woldring](#), Mike Roberts,

▪ **Retiring:** Chris Fell, Olivia [Coldrey](#), Nicole [Ghiotto](#) plus one vacancy

▪ Noting that at end 2019, Renate Egan and Oliver [Woldring](#) have served 6 years (no longer eligible)

▪ **Nominations:** Chris Fell, Olivia [Coldrey](#), Annie Ngo (ITPower) Margaret Page (Research Hub Australia). Nicole not renominating. Thankyou Nicole.

▪ **2018 Election of Board**

▪ **Chair and Executive Committee positions (current holder indicated in brackets)**

Chair*1 (Renate Egan) Secretary*2 (Linda [Koschier](#)), Treasurer (Rob [Passey](#)), Public Officer (Igor [Skyrabin](#))

In 2017, the board resolved to increase to number of Directors to seven

- Chris Fell, Oliver Woldring and Nicole Ghiotto retire and are eligible for re-election.
- Chris Fell and Oliver Woldring renominated.
- Nicole Ghiotto advised of her intention to retire and the Board and members thank her for her service and wish her well
- Margaret Page (individual) and Annie Ngo (ITP Renewables) nominated
- The meeting discussed the candidates, suitability and eligibility. Ms Page will need to demonstrate she meets the six-month membership criteria. The Board will discuss eligibility of Ms Ngo, given existing Board member from ITP (Oliver Woldring)
- With same no of nominations as positions available those nominated (Page and Ngo) are elected, pending confirmation of eligibility
- Renate Egan will continue in the role of Chair. Noting that for CY2020 Renate will no longer be eligible for re-nomination as a Director, Chris Fell agreed to Co-Chair in 2019. The meeting thanked Chris Fell for his interest in the role.
- Linda Koschier continues in secretary role.

Other Business

None

Meeting closed at 6:10

Operating Costs Historical

	Jun-10	Jun-11	Jun-12	Jun-13	Jun-14	Jun-15	Jun-16	Jun-17	Jun-18
Incomings (ex GST)									
Memberships	53,528	83,000	83,267	53,300	41,046	40,437	43,550	36,926	37,933
Interest	3,269	3,850	1,950	1,200	1,609	2,602	1,264	891	2,245
Other	-	-	3,190	685	9,535	1,400	-	-	-
Projects (income generating)			5,500	48,000	4,000	46,270	73,806	-	-
Total	56,797	86,850	93,907	103,185	56,190	90,709	118,620	37,817	40,178
Outgoings (ex GST)									
Workshops & meetings	2,597	2,442	818	-	5,117	2,895	552	-	-
Website	1,403	7,100	7,063	7,100	16,070	998	505	602	301
Insurance	2,200	2,220	2,321	2,350	2,277	2,418	2,382	2,334	2,550
Audit & tax return	3,800	3,100	3,100	4,300	3,800	3,200	4,930	4,190	3,650
Bank fees	120	86	67	200	218	106	20	140	-
Chair's salary	17,666	23,000	35,417	21,000	2,083				-
Accounting/bookkeeping						1,442	2,417	810	1,707
Consultancy salary		13,000	4,000	13,500	7,750	2,583	4,527	14,582	10,417
Projects (income generating)		13,500	35,144	20,500	5,013	42,576	76,875	21,623	-
Media/communications		6,200	-	20,750	20,873			-	-
Expenses	4,844	8,000	14,716	9,650	10,537	2,237	1,813	944	500
Miscellaneous	3,150	4,500	939	17,675	1,519	1,643	764	1,149	348
Total	33,183	83,148	103,585	117,025	75,257	60,098	94,785	46,375	19,473
Total each year (ex GST)	23,614	3,702	(9,678)	(13,840)	(19,067)	30,612	23,835	(8,558)	20,706

Summary Project Financials

		<i>IEA PVPS new</i>	<i>IEA SHC new</i>	<i>IEA SHC Account</i>	<i>SunSPoT</i>	<i>Networks Renewal</i>	<i>ANU Solcast 48</i>	<i>GIL Advanced M</i>	<i>Transgrid 49</i>	<i>Total</i>	
Income											
	Funding body	78,500	78,700	10,000	341,156			360,000			
	Registrations										
	Project partners	3,000				20,000	10,000				
	Sponsorship										
	Consultancy income				77,087				3,500		
	Donations				564						
	Other										
	Subtotal	81,500	78,700	10,000	418,807	20,000	10,000	360,000	3,500	982,507	
Expenses											
	Accounting/bookkeeping			3,432							
	Marketing										
	Bad debts										
	Website	295									
	Icelab website				88,483		12,144				
	Venue hire				4,000						
	Catering				409						
	Incidentals										
	Registration management										
	Plenary costs										
	PayPal fees										
	Membership expense										
	Consultancy salary			4,000	124,401	5,250		353,250			
	Travel & accommodatic	4,500			6,465			186			
	Bank fees										
	Other			64	1,364						
	Subtotal	4,795	-	7,496	225,122	5,250	12,144	353,436	-	608,243	
	Total	76,705	78,700	2,504	193,685	14,750	(2,144)	6,564	3,500	374,265	

Note 'Consultancy salary' is monies paid to research institutions under contract