

APVA 2013 RESEARCH REVIEW

TETB UNSW

25th November 2013

AGENDA

10:00am: International Energy Agency Programs - *Muriel Watt, PVPS; Ken Guthrie, SHC*

11:00am: Morning Tea

11:30am: Climate-based PV Performance and Reliability - *Lyndon Frearson, CAT Projects; Martina Calais, Murdoch Uni; Anna Bruce, UNSW; Sandy Pulsford, CEC*

12:00am: High Penetration PV in Electricity Grids - *Iain MacGill/ Ben Noone, UNSW; Glenn Platt, CSIRO*

12:30pm: Distributed Energy Market Options - *Rob Passey & Muriel Watt, UNSW / IT Power*

1:00pm: Lunch

2:00pm: An Interactive Australian PV Map - *Anna Bruce, Mark Snow, Jesse Copper, UNSW*

2:30pm: Tariff Structures for DE - *Rob Passey & Muriel Watt, UNSW / IT Power*

3:00pm: Plans for next year's Research Conference - *Prof. Deo Prasad, UNSW*

3:30pm: Afternoon Tea

4:00pm: APVA AGM

5:00pm: APVI Inaugural AGM

6:00pm: Drinks and Networking

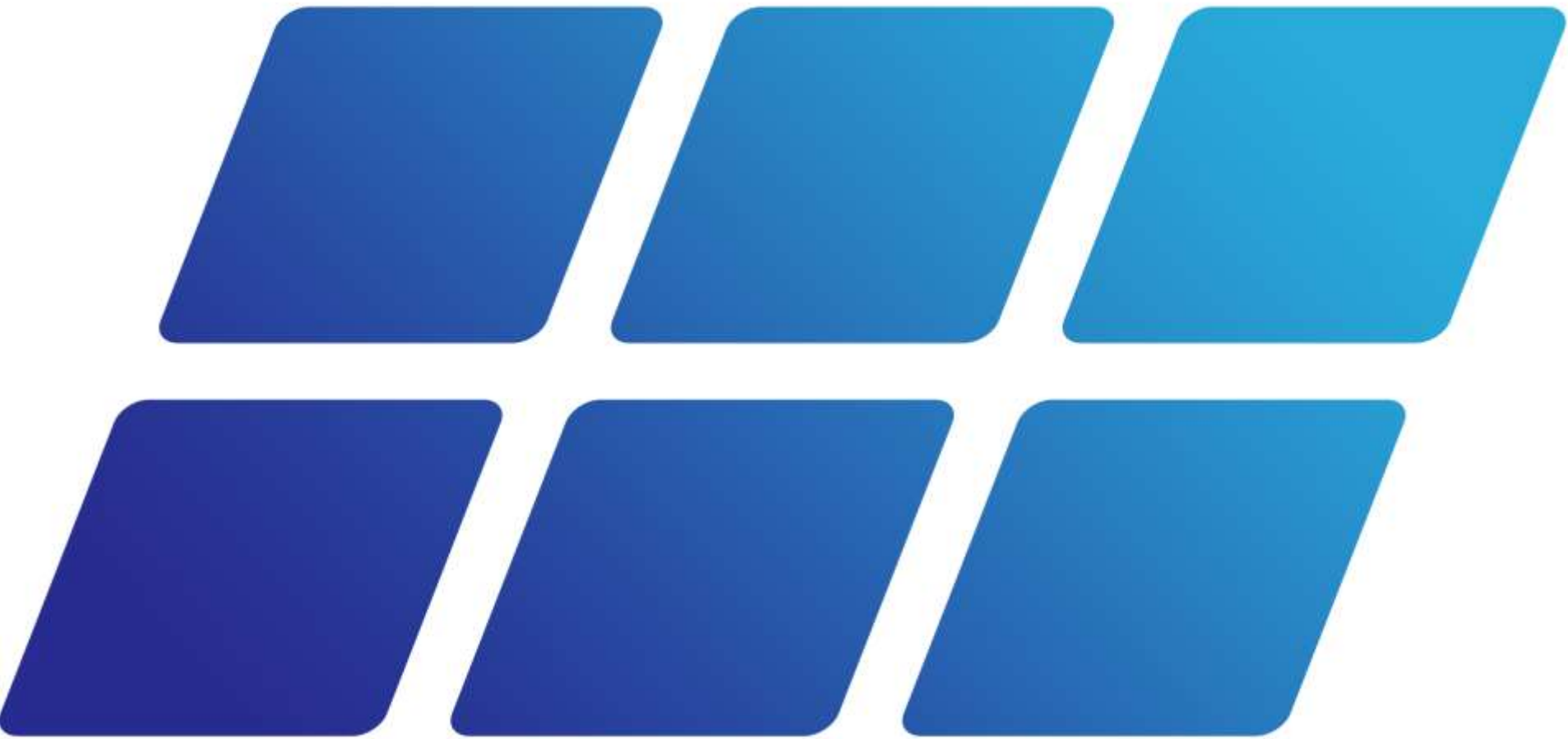
APVA ACTIVITIES

Education & Information

- Reports and analyses
- Events and networking
- Standards and performance

Research

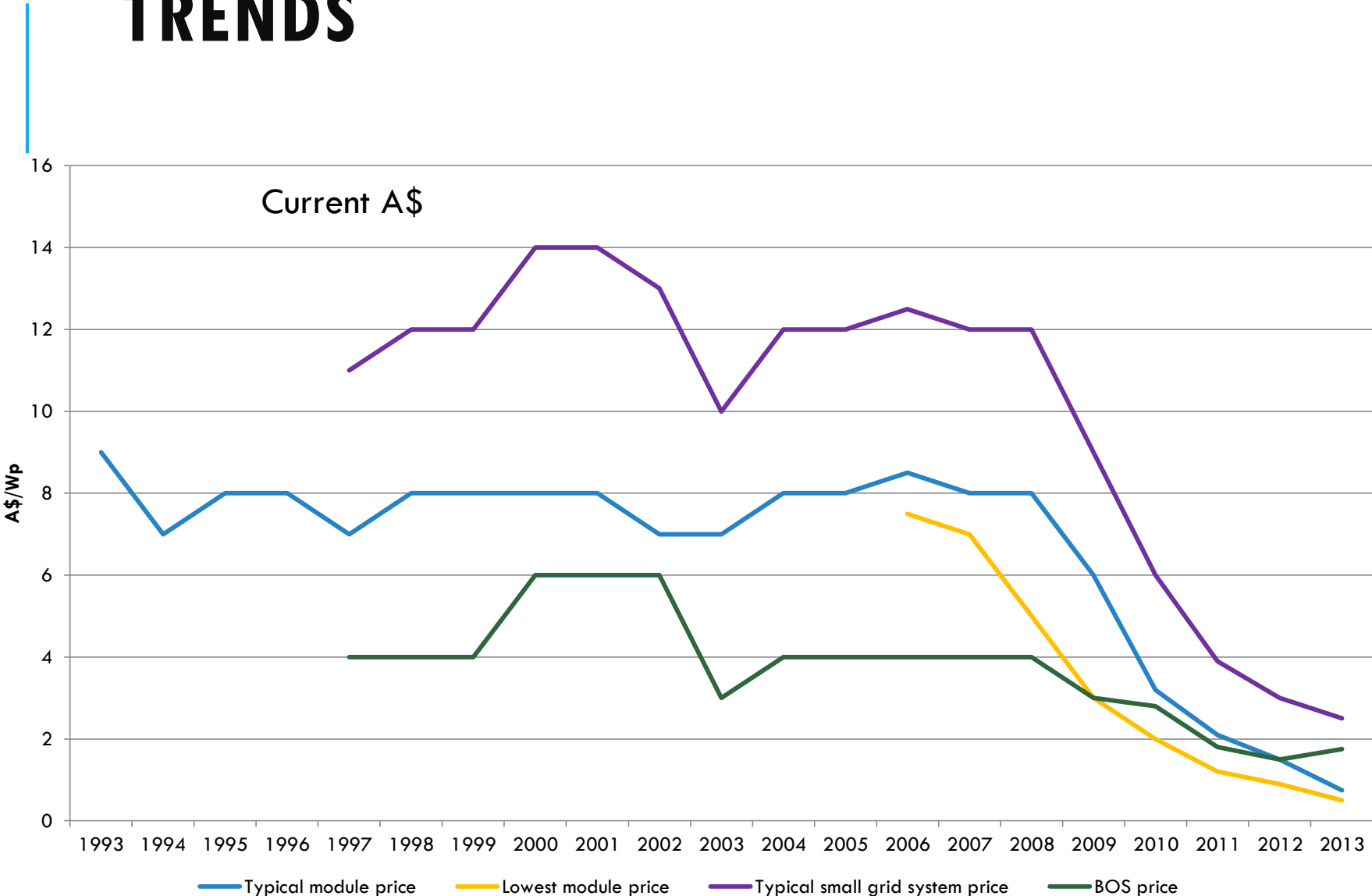
- IEA PVPS & SHC
- Distributed Energy Markets
- High PV Penetration
- PV Performance & Standards
- PV Map of Australia
- Solar Law
- PV prices and grid parity modelling
- PV and storage
- New tariff structures



**2013 PV DEVELOPMENTS IN
AUSTRALIA**



AUSTRALIAN MODULE PRICE TRENDS



Derived from APVA, PV in Australia 1995 to 2013

POLICY SETTINGS

Removal of State FiTs

RET Review and pressure to reduce target

- Solar Credits may disappear
- 30% 2030 target may replace 20% 2020

Carbon price may be removed

Electricity sector

- Continued price increases but political pressure to reduce
- Reducing electricity demand
- Reduced income for retailers, DNSPs, State Governments

150 MWp Solar Flagship under construction

- Other 10-50 MW plants being considered

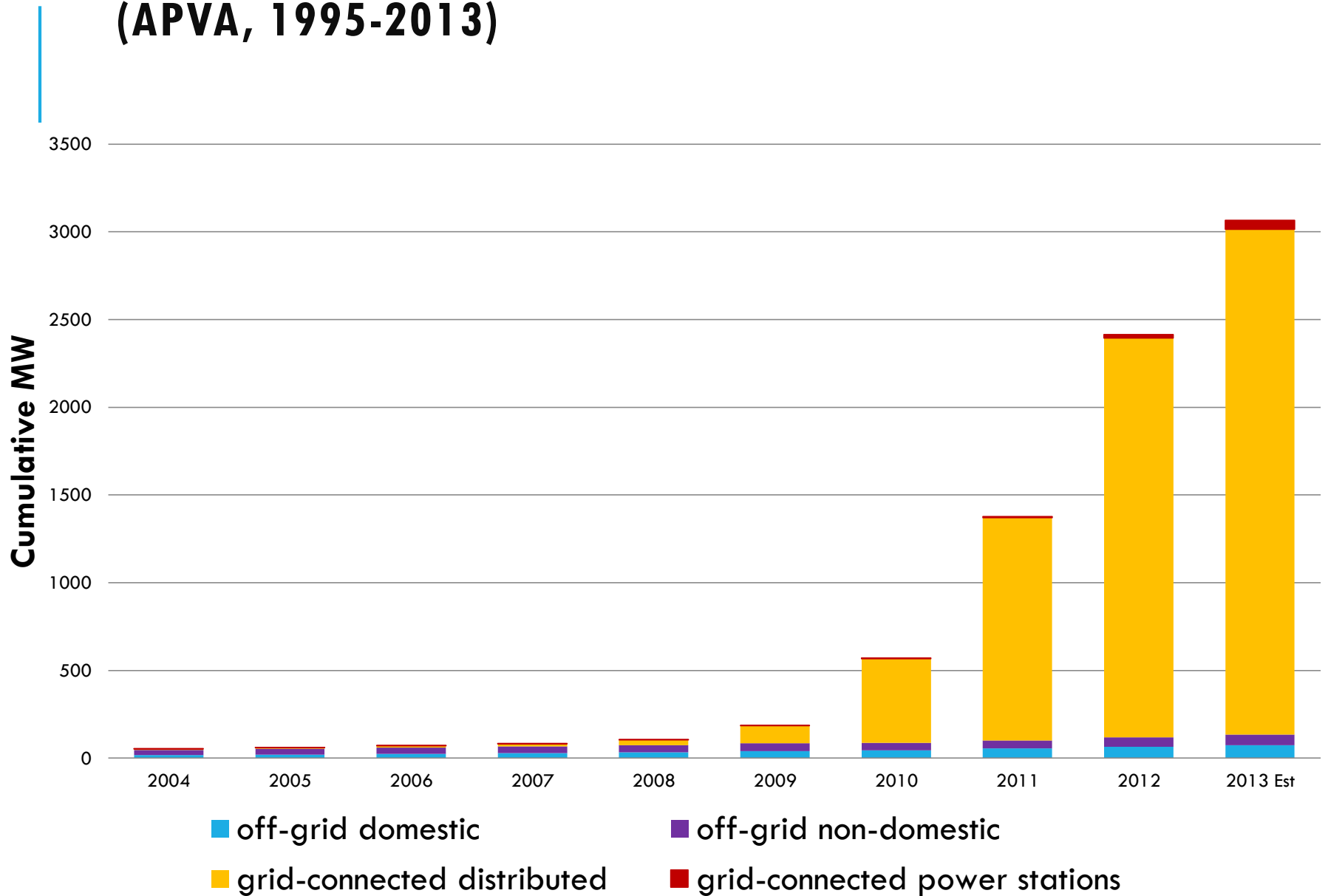
ACT systems

Tentative development of commercial sector

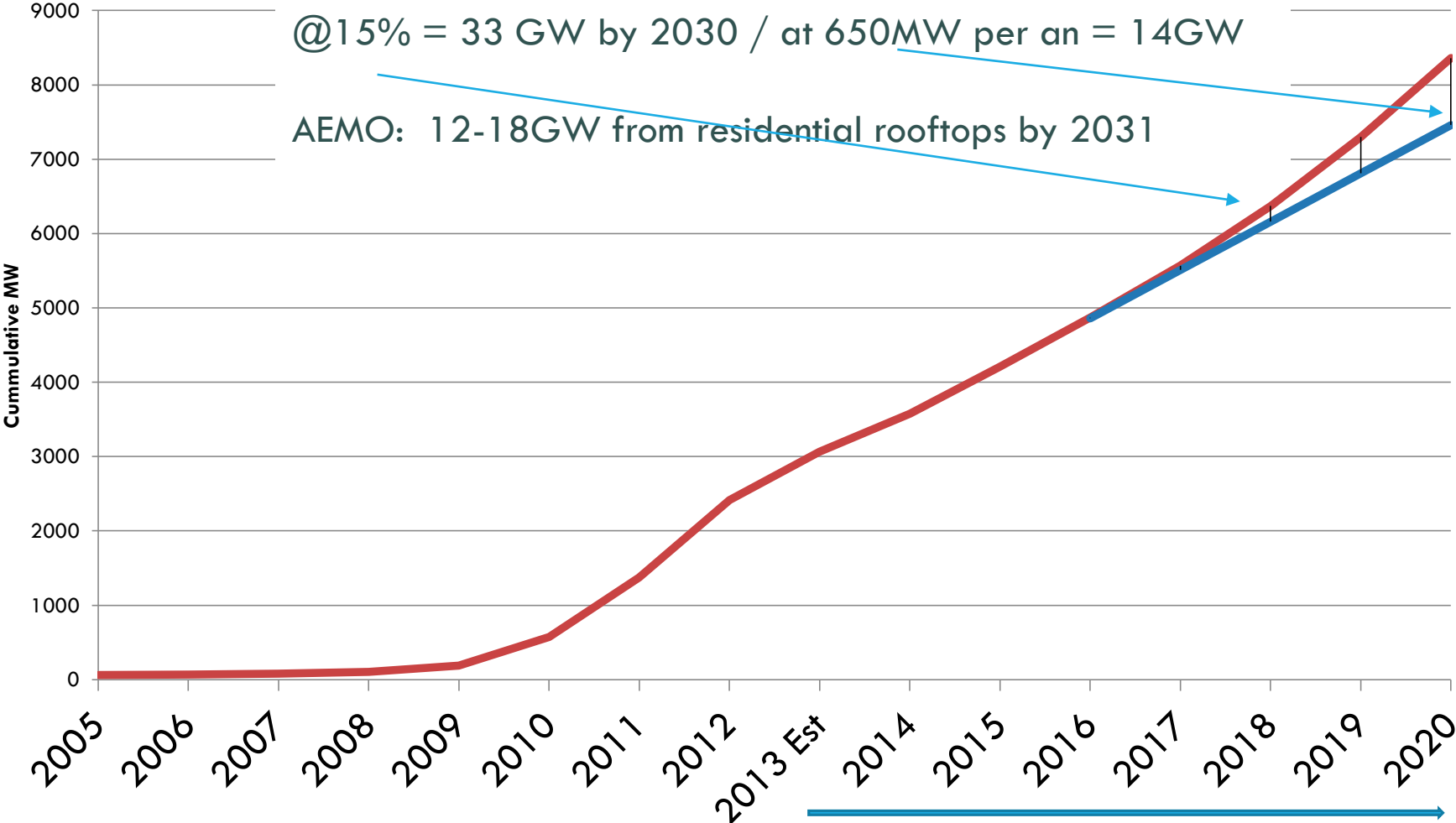
- Individual approvals

AUSTRALIAN PV MARKET

(APVA, 1995-2013)

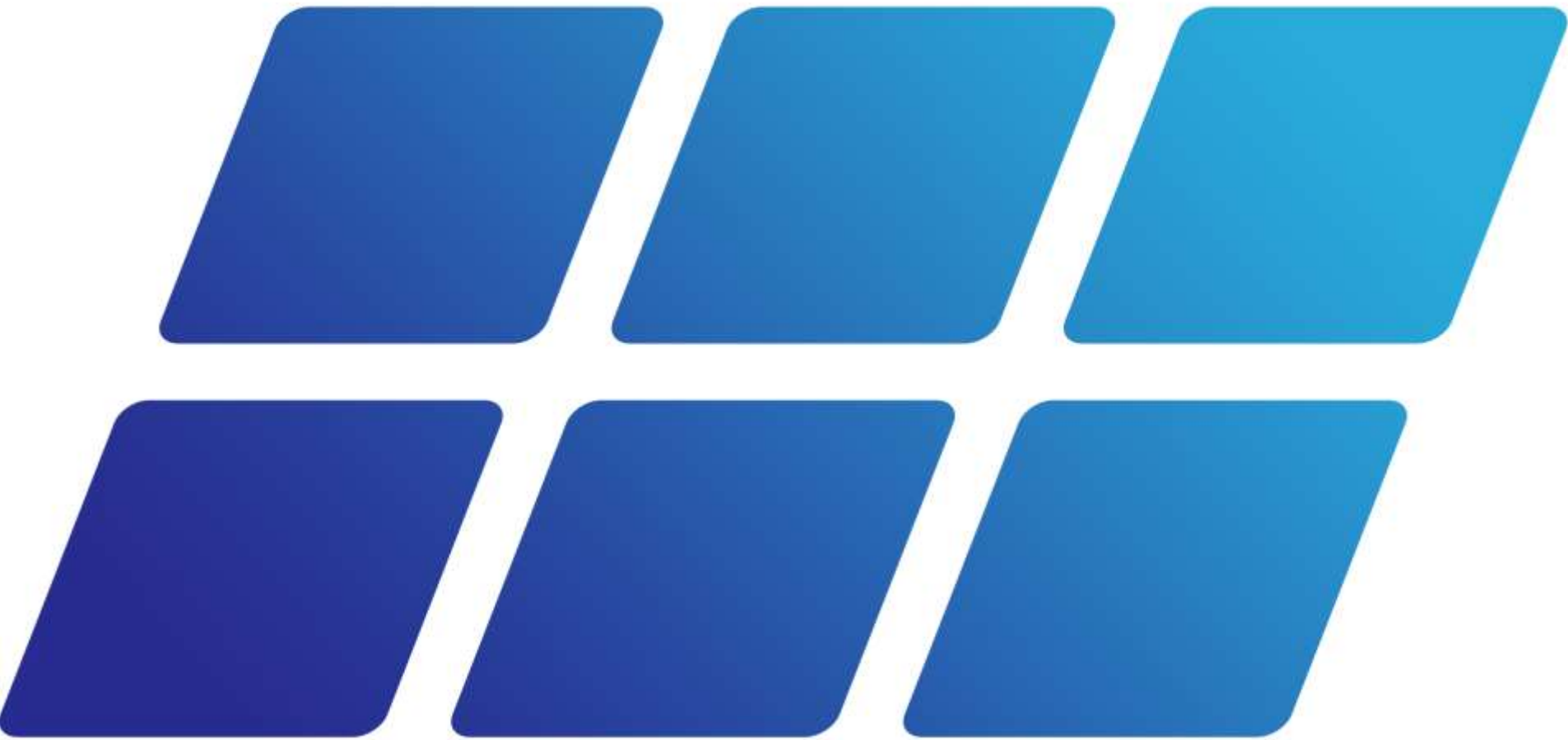


POSSIBLE CUMULATIVE INSTALLATIONS OF ~7.5 – 8.5GW BY 2020



APVI 2014: A LOOK AHEAD

- **Annual Events**
 - Strategy Day - internal
 - Conference
- **Annual Publications**
 - Annual PVPS report
 - PV in Australia report
 - Others?
- **Professional Development**
 - PV for architects, planners
- **New Website - Online PV Information**
- **Professional Research Services**
- **Wider solar engagement**
 - SHC
 - Solar Decathlon
 - Other opportunities



TODAY'S AGENDA



PROJECT PRESENTATIONS & AGMS

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2013 APVA AGM

Agenda

Minutes of 2012 APVA AGM*

Business arising from Minutes

2013 APVA Chair's Report*

2013 APVA Treasurer's Report and Financial Statements*

2013 APVA Communication Report*

Transition to APVI*

Other Business

Close of APVA Meeting

INAUGURAL APVI AGM

Agenda

Acceptance of Constitution*

Election of 2014 Board and Office Bearers*

Financial strategy and Proposed budget for 2014*

2014 activities

Appointment of auditor*

Discussion

Close of meeting

6:00pm: Drinks and Networking