



Australian Solar Institute

Solar Flagships Forum

Clean Energy Council

September 24th 2009 Brisbane

The Australian Solar Institute

R&D Investment, Skills Development and Knowledge building

- \$100 million announced for research and development into solar thermal and solar photovoltaic technologies over 2009-2012
- Funding to be delivered through the Australian Solar Institute (ASI). A company limited by guarantee where initially the Commonwealth (DRET) are the sole member.
- ASI Headquarters in Newcastle, NSW. A virtual institute – supported activities will take place in research institutions and companies around Australia.
- Minister for Resources and Energy launched the ASI on 15 January 2009 and announced 3 Foundation Projects with the ANU, UNSW and CSIRO.

ASI – Our Strategic Focus Areas

R&D Investment, Skills Development and Knowledge building



ASI – Our Objectives

| ASI Focus Area | Founding Objective |
|----------------------|---|
| Solar R&D Investment | <p>Advance and accelerate innovative solar CST & PV technologies in Australia.</p> <p>Drive research that will have a major impact on the efficiency and cost effectiveness of solar technologies and enhance their deployment by increasing their competitiveness with other stationary energy generation</p> |
| Skills Development | <p>Retain local, and attract international expertise, in solar energy research to Australia;</p> <p>Support the growth in skills and capacity in solar technologies for the domestic and international markets;</p> |
| Knowledge Building | <p>Engage with government, industry and the community in promoting, developing and implementing solar technologies and the interests of the solar R&D community;</p> <p>Provide a forum to discuss ideas and promote multidisciplinary research and institutional collaboration in relation to solar energy technologies;</p> |

ASI Roles to Deliver Objectives

Proactively foster and support excellent R&D in Australia to accelerate commercial deployment of photovoltaic and solar thermal technologies.

Core Roles

Satellite Roles

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| <p>Member Services</p> <p>Advice on solar policy, program design and risk assessment</p> <p>Monitoring and reporting on solar programs across the innovation chain</p> |
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| <p>R&D Investment & Skills Dev</p> <p>Assisting the Australian Solar R&D community create roadmaps that leverage capability and maintain Australian global leadership.</p> |
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| <p>R&D Investment & Skills Dev</p> <p>Marketing Australian Solar R&D capability to deliver funding sources that would otherwise not be available thereby retaining and attracting world class talent</p> |
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| <p>Skills Development</p> <p>Supporting graduate, Post-grad and post doc programs.</p> <p>Supporting International programs and stakeholder participation</p> |
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| <p>Knowledge Building</p> <p>A credible voice informing key stakeholders on the economic and technical status and potential for solar energy.</p> |
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| <p>Knowledge Building</p> <p>Proactively seeking international alliances that add value to and support the objectives of the ASI.</p> |
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Core Processes & Skills

Portfolio and Stage-gate management , Sound Governance ; Networking, Relationships & Communication

ASI Structure & Accountabilities

Advice on investment & technology roadmap. Review & recommendation on funding applications

ASI Board

Strategic direction and priority, leverage new funding and portfolio analysis. Final decision on investments

Research Advisory Committee

Exec Director

Achieve a long-term sustainable future to deliver on the ASI mission

Research Investment Manger

Research Investment Manager

Finance Manager & Company Sec

Office Admin

Pro active engagement with stakeholders on the ASI focus areas and the manage the investment pipeline

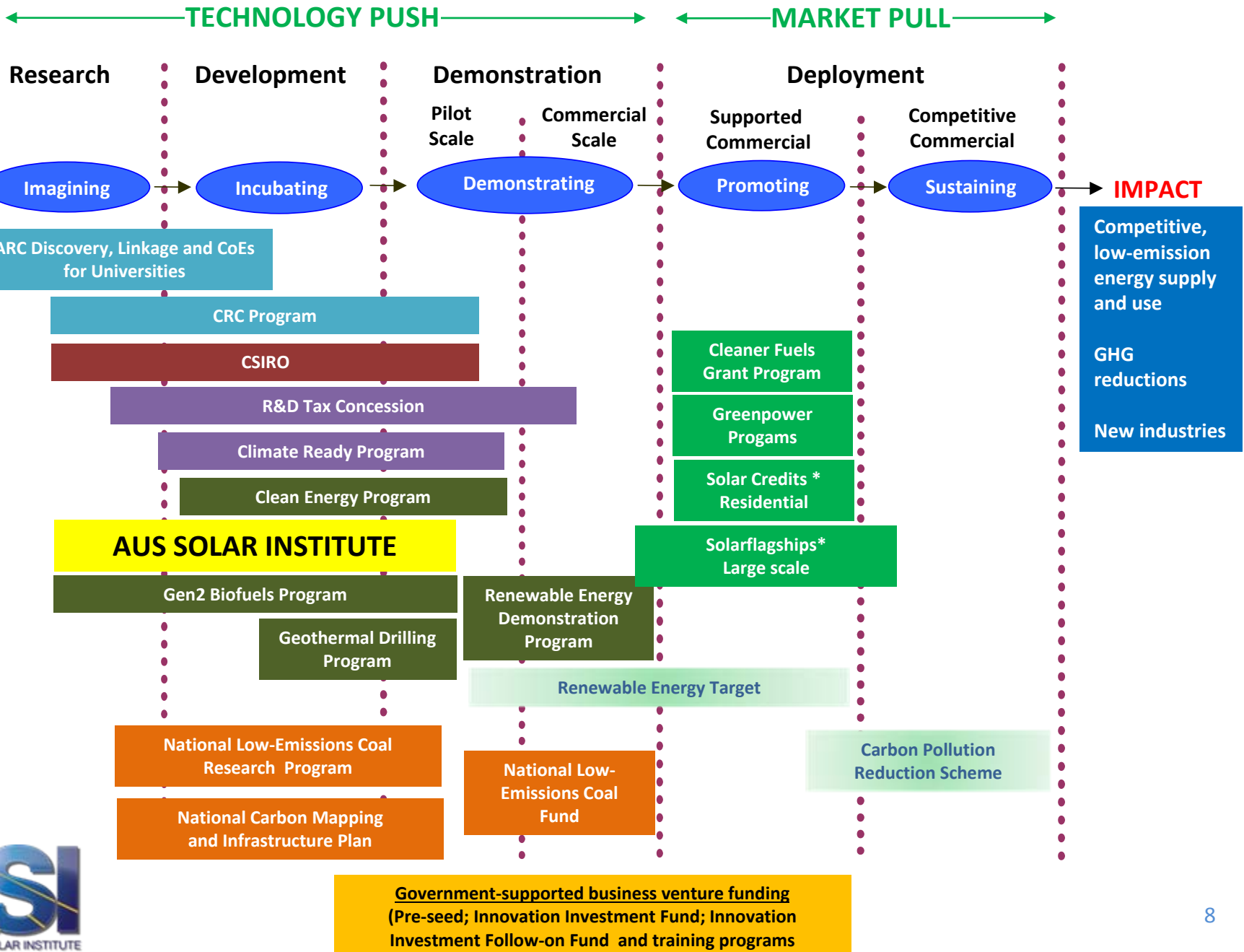
Managing the financial and corporate reporting and supporting ASI's Board in its operation

ASI Status

- ASI Board in place – Chair Ms Jenny Goddard.
- Round 1 Funding open – proposals due by Oct 16th.
- ASI Ltd Company registered – Newcastle office now moving into an operational mode,
- Research Advisory Committee and ASI staff in final process of being appointed.

- www.australiansolarinstitute.com.au
for more information

Innovation Chain Program Landscape



ASI - Solarflagships

- ASI Role in Solar Flagship Research program will relate to the c\$200m research element to be delivered from the Education Investment Fund.
- The Economic and technical information arising from this applied research will be made publicly available through the the Australian Solar Institute.