

Commercial Buildings & Government Support

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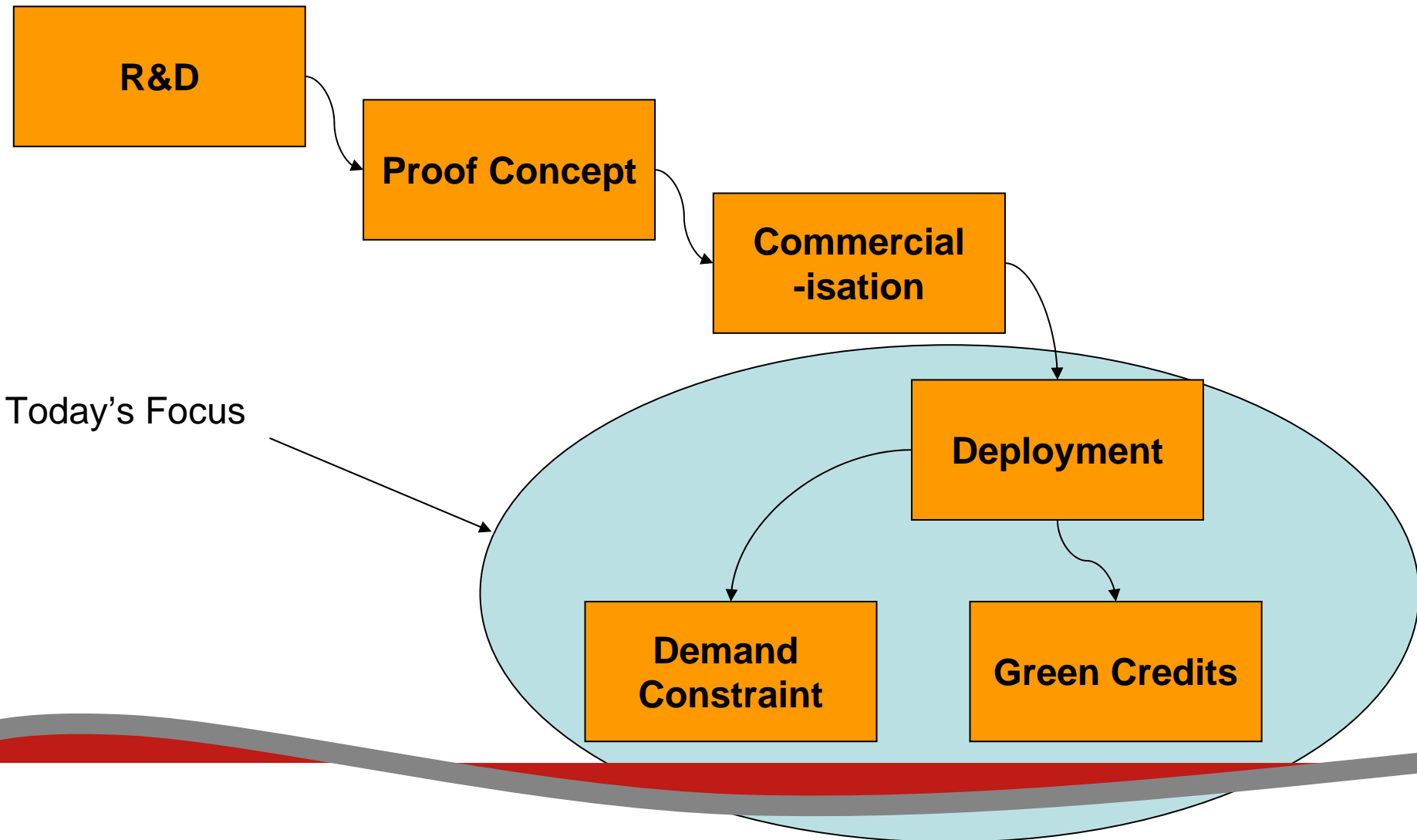
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What am I on about?

- Present Programs:
 - 9 jurisdictions each with their own programs
- New Federal Promises
- Tips to Get Funding
- Energy Performance Contracting

Technology Funding Lifecycle



Commercial Energy Efficiency Deployment


- NSW – Green Business Program (\$30m)
 - Round based, competitive grants
 - Next round due shortly
- Qld – EcoBiz Program
 - Industry partnership program
 - Funding available for ‘innovative’ & ‘best practice’
- Vic – ResourceSmart Commercial Blgs Program
 - \$1,500 rebate towards ABGR and NABER ratings
 - Rebates worth \$1,000-\$3,000 for star improvements
 - Rebates worth \$20,000-\$50,000 for 6-star Green Star

Proposed

Clean Business Fund \$240m

- \$90m Green Building Fund
 - 50% of the cost of retrofitting existing commercial buildings
 - Limit of \$200,000 per building
- \$75m Retooling for Climate Change
 - Targeting small to medium size manufacturers
 - 1/3rd cost of energy and water saving measures
 - \$10,000 to \$500,000 in value
- \$75m Climate Ready Program
 - Dollar-for-dollar support
 - Development of clean energy technologies

Green Credits

- NSW - NGACs
 - National - RECs
 - National - Greenhouse Friendly
 - Qld - GECs
 - National - GreenPower Rights
 - VRET/NRET + Others to come
 - VEET Scheme
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Green Credits (Feed In Tariffs)

- SA – 44 cents per exported kWh (Net)
- Vic – no price yet, push for 60 cent, proposed for Net electricity
- ACT – no price yet, but proposed for Gross kWh


Demand Constraints

- NSW Demand Management Code of Practice (D-Factor)
- SA Demand Management Program (ETSA)
- Energy Response Pty Ltd


Tips to get funding...

- Pick the Right Fund
 - Political Contacts Can't Hurt
 - Stress your project is Innovative and Different
 - Include Communication/Education Component (10%)
 - Round up Supporters
 - Become known to the people doing the assessment
 - Maximise your own contribution
 - Benchmark your Project against Others
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Energy Performance Contracting

- Procure preferred contractor to identify and implement energy and water saving measures
 - Contractor guarantees the performance of the system for period of contract (typically 5-10 years)
 - Annual reconciliation – predicted versus actual savings (shortfall results in payment from contractor)
 - Numerous examples in NSW Public Sector (Blacktown, Griffith, Westmead Hospitals, Sutherland Leisure Centre, PLS, Attorney General's Department)
 - **KEY = GUARANTEED SAVINGS**
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EPC - Benefits:

- Guaranteed energy results
 - Access to Finance
 - Operation & Maintenance, if required
 - Contractor will undertake full-design of the system as part of the project (no need to do Feasibility Study)
 - Ongoing measurement and verification of project savings
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EPC Disadvantages

- Complicated procurement process
- More legally complex than D&C
- Higher administrative costs than D&C
- EPC doesn't encourage innovation
- Not as flexible as D&C should future asset changes be made



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