

Bioenergy Toolkit

Mary Lewitzka – Bioenergy Resources Project Officer
RenewablesSA/Low Carbon Economy Unit
Department for the Premier & Cabinet

Starting the Bioenergy Journey

What have we learned?

Bioenergy
technology
exists

It is already part
of the energy
mix

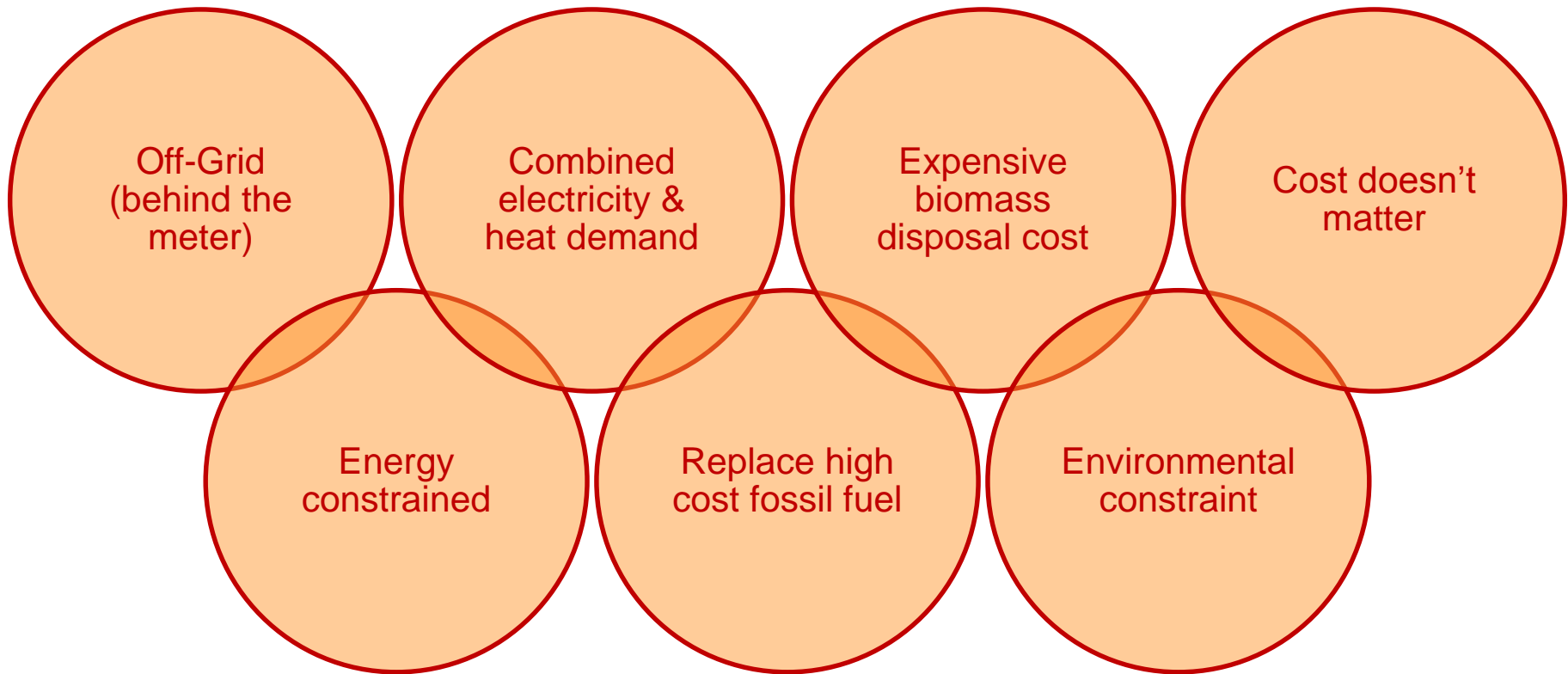
It will be part of
our future

What now?

Is it right for my business?

- Can it save my business money?
- How much does it cost?
- How do I pay for it?
- Is it just about money?

Where is bioenergy most (likely to be) feasible



Taking the bioenergy journey

Step 1 – Define objective

- Money
- Environment
- Sustainability

Step 2 – Learn from & work with others

- Public information
- Government
- Peers
- Industry bodies

Step 3 – Gather information

- Current energy sources, use(s) & costs
- Future energy needs & costs
- Potential biomass sources & costs

Step 4 – Preliminary assessment

- Technology
- Up-front & ongoing costs;
- Cost savings &/or revenue;
- Payback/investment return;
- Paying for the investment;
- Benchmarking against other solutions

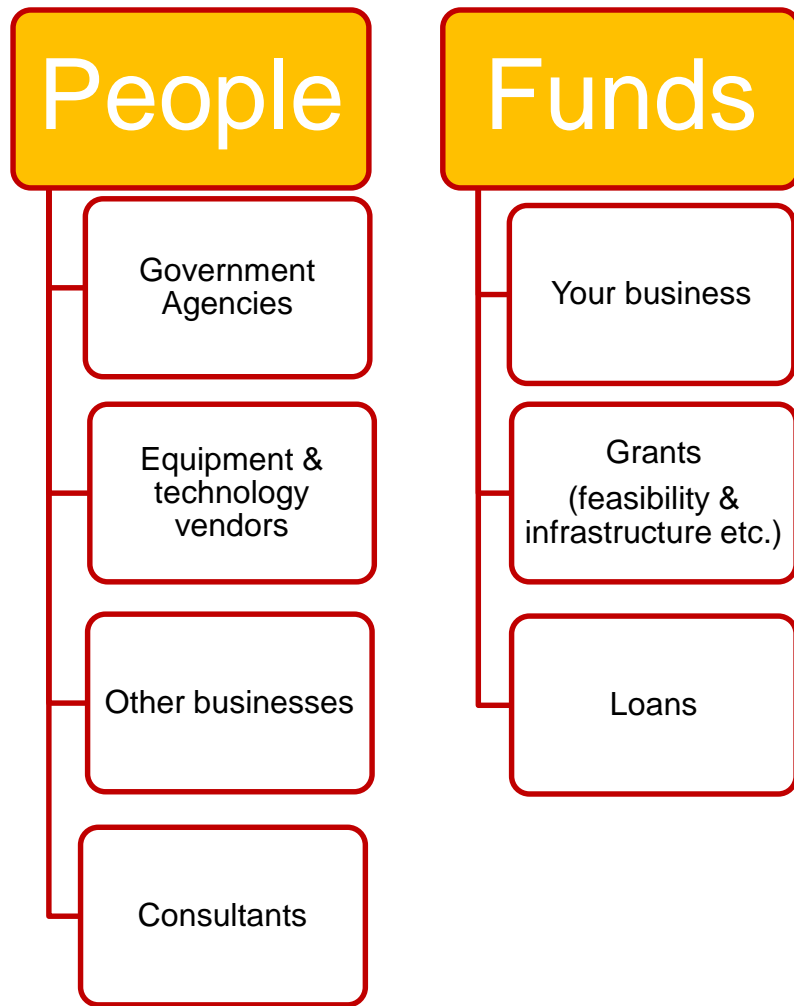
Step 5 – Detailed assessment

- Design; Costings; Financial assessments;
- Development approvals &/or customers;
- Securing finance

Step 6 – Project Implementation

- Build the project

Who can help?



RDA Murraylands and Riverland:

Sandy Iosefellis: siosefellis@rdamr.com.au

PIRSA (Loxton):

Tim Smythe: Timothy.Smythe@sa.gov.au

Renewables SA:

Richard Webster and Mary Lewitzka:

Richard.webster@sa.gov.au

mary.Lewitzka@sa.gov.au

Green Industries SA:

Andrew Hutcheon: Andrew.Hutcheon@sa.gov.au

RDA Limestone Coast:

Roger Babolka: roger@rdalc.org.au