



# U.S.-South Africa Workshop on Energy Storage Standards, Conformance and Technology

*Overview of energy storage in South Africa*

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## Current developments

- Local developments of energy storage technology in South Africa e.g. VRFB
- Increasing industrial and household adoption on energy storage – ES is now becoming mainstream
- Cost is still beyond the reach of the average business or household
- Finance options to either rent or buy a system are limited

### Long term prospects

- Unlocking growth (market adoption) through Eskom and municipalities
- Focus on unlocking opportunities in the ES value chain

# Collaboration is key to unlocking ES market development

Market  
structure

- Adopt a value-chain approach to maximise localisation benefits
- Build **platform/ecosystem** from an existing base to embrace new technologies (Eskom, Munics)
- Development of an appropriate **funding model** to encourage adoption of new technologies (high risk appetite)

Issues to be  
addressed in  
ES industry  
development

Technology

- Formation of **partnerships** with global players to expedite industry development
- Develop local **technical expertise** to enable the next generation ES technology (leap-frogging)

Regulatory  
framework

- A clearly defined **long-term** energy mix plan (IRP) including the role of new technologies
- A streamlined and consistent **localisation programme** across of government departments (designation)
- **Incentives schemes** to encourage market adoption

A dynamic environment requires agility and foresight to anticipate opportunities or risks



**Thank You**



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