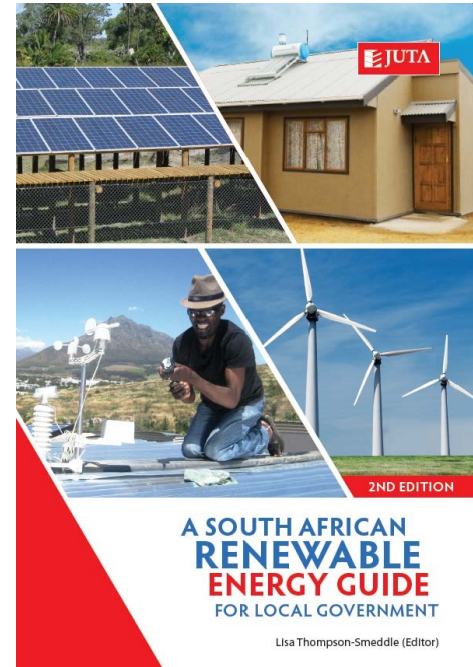


South African Renewable Energy Guide, A 2e

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About this Publication:

Since the publication of the first edition of the South African Renewable Energy Guide for Local Government, the costs related to non-renewable energy generation have increased exponentially, and coal-based energy systems have continued to generate large quantities of dangerous emissions. Conversely, sustainable energy generation has become more cost-effective, and in many instances renewables are now more economically viable than non-renewables. This narrowing gap in costs, coupled with an increased awareness of the environmental benefits of renewables, has greatly stimulated the sustainable energy market. Over the last several years, metropolitan municipalities have engaged with innovative, cost-effective sustainable energy projects and solutions. Medium and smaller municipalities are beginning to understand the roles and responsibilities of the various stakeholders in the energy sector. They are learning how to work within the confines of the South African national, provincial and local policy, legislative and regulatory frameworks; how to embed renewables within local integrated development plans and strategies; how to utilise appropriate technologies and how to apply financing mechanisms and leverage partnerships for successful project delivery. It is critically important therefore that (particularly) small, medium and rural municipalities continue to explore, and receive capacity-building and support for, renewable and energy efficient solutions.

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- Chapter 1 Towards sustainable energy solutions
- Chapter 2 Understanding renewable energy law, policy and regulations
- Chapter 3 Sustainable energy systems and technologies in South Africa
- Chapter 4 Overcoming financial challenges associated with sustainable energy
- Chapter 5 Towards creating sustainable energy strategies