



**BLUME**

**SMART** ENERGY SOLUTIONS



IRENE LINK RETAIL



## ABOUT BLUME

### YOUR PARTNERS IN SMART ENERGY SOLUTIONS

At Blume, we offer a complete, end-to-end energy development service. We take full ownership of every stage, ensuring optimal system design, regulatory compliance, and total oversight from start to finish. Our value lies in unifying all elements - technical, legal, financial, and operational- into one seamless solution that delivers long-term performance, reduced risk, and peace of mind..

With a strong track record, & proudly part of the Abcon Group of companies, Blume takes a strategic, long-term approach to ensuring that the client receive the full financial & operational benefits of their energy systems.

Our leadership team brings over 60 years of combined expertise, having played a pivotal role in developing over 500 MW of renewable projects across Africa.

This deep industry experience enables us to offer sustainable, energy solutions, positioning Blume as a long-term, embedded technical partner for our clients. By simplifying energy solutions, we empower our partners to focus on their core business.



STELLENBOSCH AGRIPARK

HARNESSING EXPERIENCE.  
DELIVERING RELIABILITY.

## THE ABCON GROUP

PART OF A DYNAMIC GROUP OF COMPANIES

Blume operates as an independent solutions provider but is proudly part of the Abcon Group. For over 40 years, the Abcon Group has been offering a comprehensive approach to property development, investment, fund & asset management.

With a purpose rooted in shared growth, the Group has proudly established & housed numerous companies across several industries beyond property, all of which have excelled in their respective fields of business.

The cornerstone of our value proposition is the notion of partnership.

Our collaborative spirit, trusted external partnerships, & fostering of each company's independent vision have propelled the Abcon Group forward over the years.





## EXPERIENCE. EXPERTISE. ENERGY WITHOUT LIMITS.

> **50**

COMPLETE PROJECTS

**R700 million**

CAPITAL RAISED

> **280 MW**

SOLAR PV INSTALLED

> **500 MW**

PROJECTS DEVELOPED

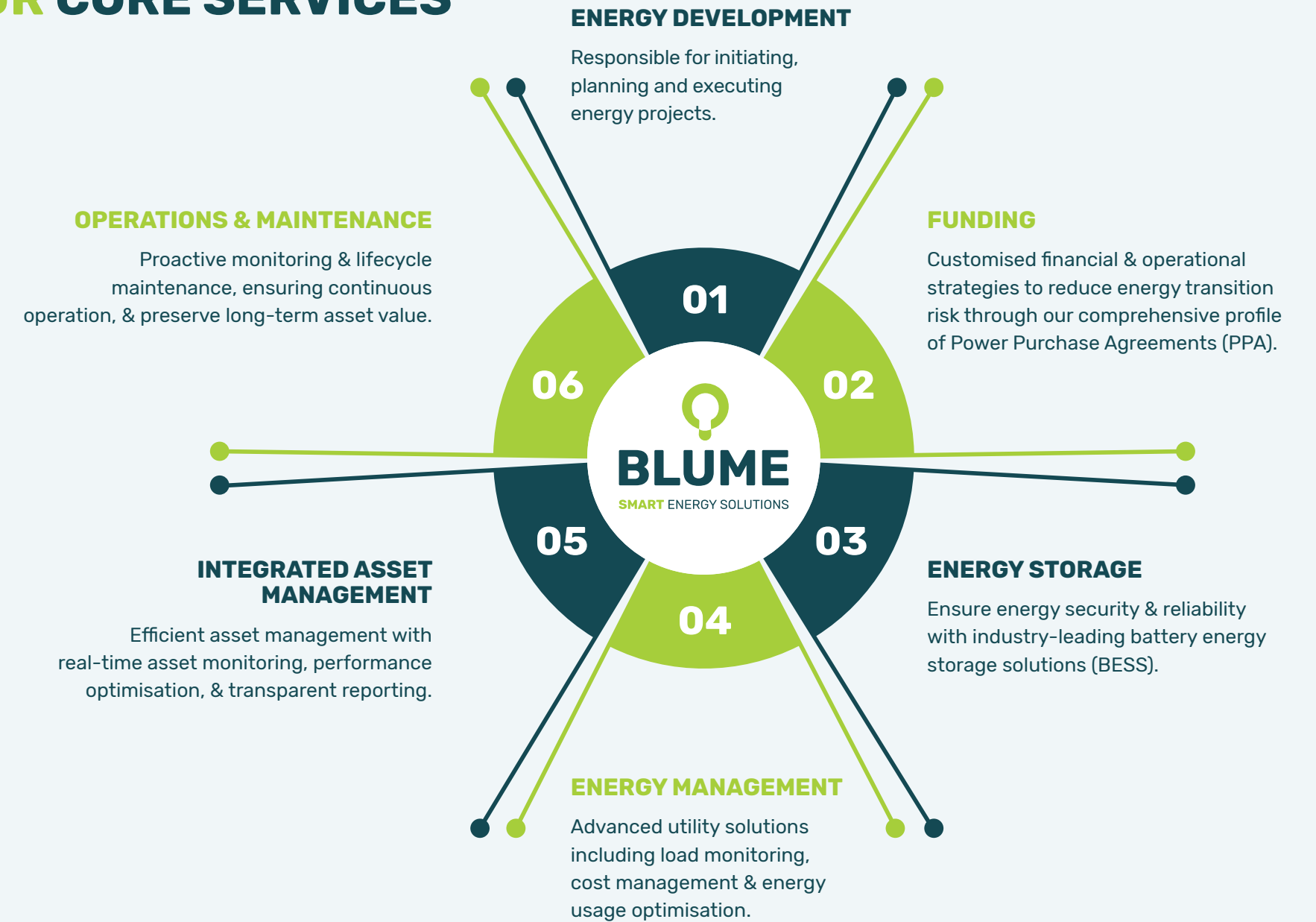
**20**

POWER PURCHASE AGREEMENTS

> **52 MW**

IN SECURED PIPELINE

## OUR CORE SERVICES





01

## ENERGY DEVELOPMENT

A complete project assessment, design, supply & implementation service for your project.

Covers site analysis, feasibility studies, concept development, engineering design, permitting, supply & project management, with **expert oversight throughout the construction process.**

You get a streamlined, expertly managed project - completed on time, on budget, & to the **highest quality & safety standards.**

02

## FUNDING

Our Funding & Investment Strategy Development service is a **tailored solution** for clean energy projects.

We identify optimal funding options - like power purchase agreements (PPAs) - using detailed financial modelling & risk assessment, partnering with you to create a **robust investment strategy.**

You make informed decisions, improve project bankability, & confidently **access sustainable growth opportunities** as you transition to renewable energy.

03

## ENERGY STORAGE

Energy Security & Stability Solutions - **advanced Battery Energy Storage Systems (BESS)** combined with intelligent management software.

Protects your operations from power disruptions & fluctuations by providing **reliable backup power**, stabilising your energy supply, & ensuring energy remains available even during outages or peak demand.

You gain consistent power for critical processes, reduced exposure to energy market risks, smoother renewable integration, & greater operational resilience - all with **scalable, easy-to-monitor solutions.**

04

## ENERGY MANAGEMENT

An energy management system with smart metering is a combination of hardware & software that **tracks electricity usage** in real time.

Monitors inverters, batteries, & meters, **delivering instant, accurate data on energy consumption.** You get alerts on usage patterns, inefficiencies, & unusual activity.

You gain clear insights to lower your energy bills, allocate costs fairly, reduce waste, & meet efficiency goals. This leads to **lower costs, better accountability, & improved sustainability** for your property.



05

## INTEGRATED ASSET MANAGEMENT

Operations & asset management systems are tools that **monitor & manage** energy plants throughout their lifecycle.

Provides real-time plant monitoring, handles maintenance & financial reporting, manages plant operation, ensures regulatory compliance, oversees insurance & stakeholder communication, & supports strategic decision-making.

You gain maximised plant uptime, **improved operational efficiency**, simplified compliance, comprehensive financial oversight, & greater asset value through **proactive management**.

06

## OPERATIONS & MAINTENANCE

Our ongoing asset operations & maintenance service is a comprehensive program for **managing & maintaining** your solar energy assets.

Provides proactive monitoring of your solar system's performance, routine cleaning, inspections, & preventative maintenance to **keep your system running efficiently**.

You'll maximise the return on your solar investment, minimise downtime, extend your system's lifespan, & **ensure reliable, optimised energy generation**.

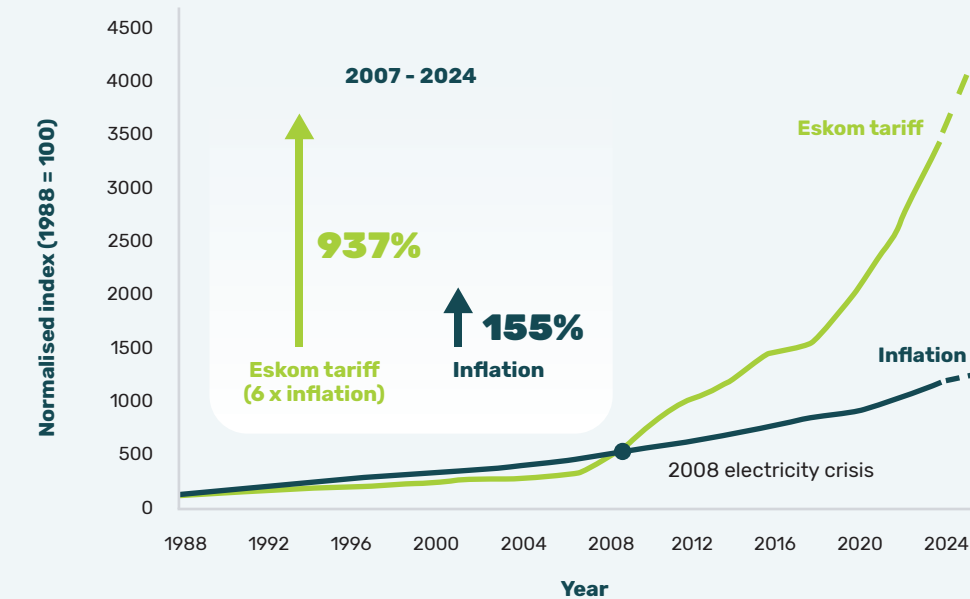
ROSEBANK TOWERS





## WHY ENERGY CHOICES MATTER

AVERAGE ESKOM TARIFF VS INFLATION (CPI)



2024 update: Eskom tariff increases vs inflation since 1988 (with projections to 2026) - PowerOptimal - the Future of Energy

The graph depicts overall average increases – actual increases will be different for different types of consumers (residential, commercial & industrial) & will vary between municipalities.



## OUR PARTNERS

### NEDBANK

ADVANCING SUSTAINABILITY

Nedbank Corporate & Investment Banking (CIB) leads the way in sustainable finance, offering innovative solutions in the renewable energy sector to drive South Africa's transition to a low-carbon economy.

By integrating environmental, social, & governance (ESG) criteria, they support clients' long-term goals & ensure renewable energy benefits all stakeholders, especially vulnerable communities.

Their active engagement & strategic initiatives align with the Paris Agreement & South Africa's transition strategy, demonstrating their commitment to a sustainable future for all.



### RISE ENERGY FUND

ENERGY FOR A BRIGHTER TOMORROW

Rise is a leading Renewable Energy Fund & is the key funding partner to Blume Energy. The Fund offers investors a unique platform to participate in the growth of solar generation, battery storage, & other cutting-edge renewable energy technologies.

Their strategic mandate focuses on opportunities within the commercial, industrial & property sectors, however they are also actively investing utility-scale projects strategically located near private off-takers within urban boundaries.

The Fund offers unparalleled benefits to investors as they provide stable & predictable cashflows through robust & long-term power purchase agreements (PPAs).







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