NETCARE'S SUSTAINABILITY JOURNEY

Decreased cost and risk

EP ENERGY PARTNERS SUSTAINABILITY

CASE STUDY

308 Healthcare facilities nationwide

NETCARE plus | NETCARE Education | NETCARE cancer care | NETCARE hospitals | MEDICROSS MEDICAL CENTRE | NETCARE medicross | NETCARE akeso | NETCARE national renal care | NETCARE 082911 24HR EMERGENCY MEDICAL SERVICES

KEY OBJECTIVES & IMPACT AREAS

Strategic sustainability goals

- Cut carbon intensity by over **30%**
- **Improve efficiency** in HVAC, lighting, and water heating
- Install **solar** PV systems
- Use data and tech for **smart energy** management
- Apply AI and **predictive** analytics
- Build **long-term** sustainability and ROI

Tangible outcomes

- **98%** of 211 projects focused on energy efficiency
- Major **reduction** in carbon footprint
- **Real-time** tracking across 114 sites
- Extended **asset lifespan** and performance
- Set industry **benchmark** in private healthcare
- Proved sustainability can drive **profitability**

39% total reduction in energy consumption
FY23 savings - **R258 million**

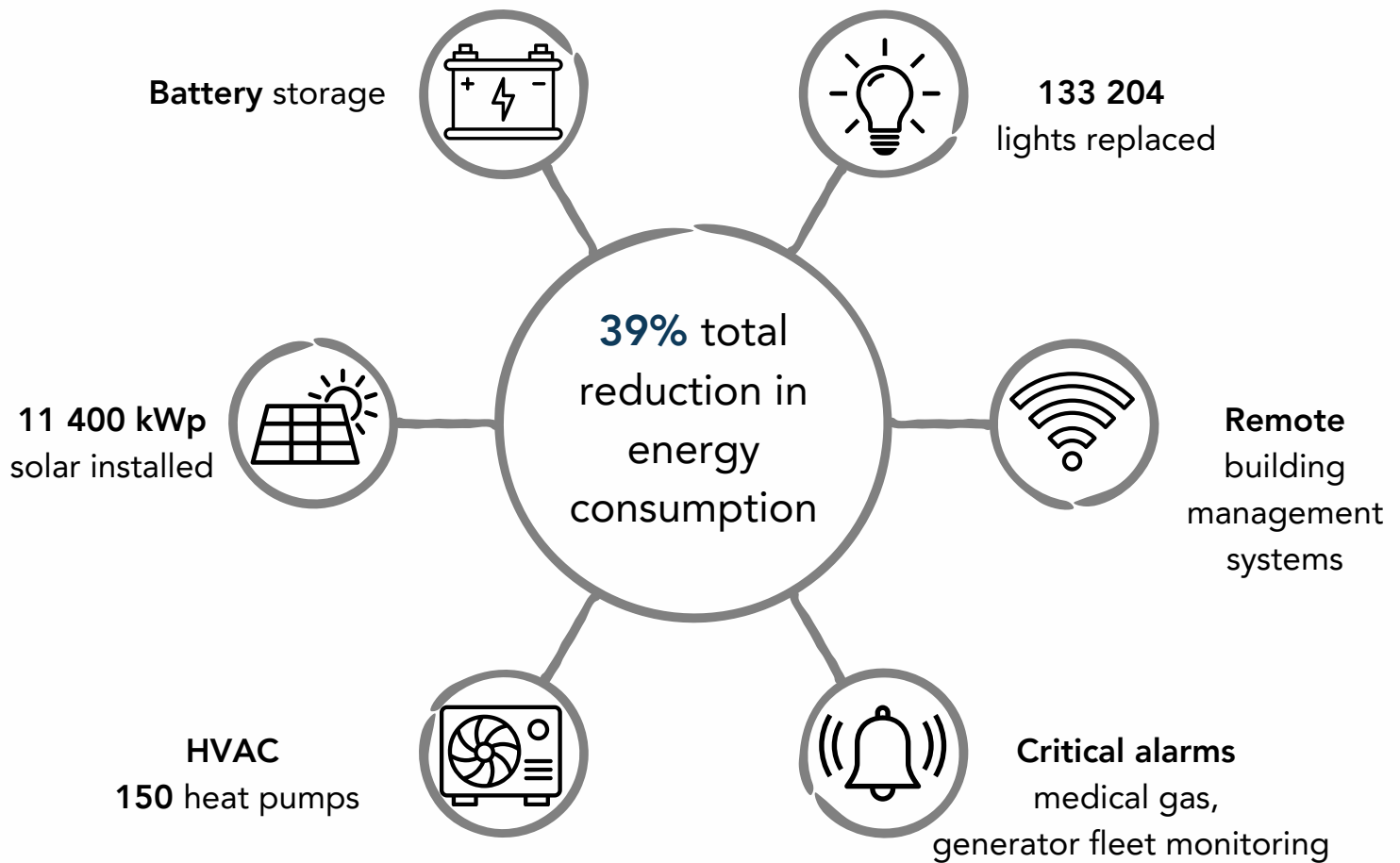## RECOGNITION FOR ENVIRONMENTAL PERFORMANCE

Health Care Without Harm

- 47 local and international awards for environmental sustainability since 2013
- Recognised as the Health Care Climate Champion in Africa for the second consecutive year in the 2024 Health Care Climate Challenge

aee Association of Energy Engineers

- Won the Corporate Energy Management Award in the 2024 AEE Regional Awards (sub-Saharan Africa)

Outcome: Netcare exceeded its energy efficiency targets ahead of schedule, cutting carbon intensity by over 30%, saving millions in energy costs, and setting a new benchmark for sustainable healthcare in South Africa.

SUSTAINABILITY MANAGEMENT OVERVIEW

Battery storage

133 204 lights replaced

11 400 kWp solar installed

39% total reduction in energy consumption

Remote building management systems

HVAC **150** heat pumps

Critical alarms medical gas, generator fleet monitoring

Key Focus Areas

- **HVAC Systems**: Enhanced efficiency and optimisation to reduce energy consumption.
- **Lighting**: Transitioned to energy-efficient lighting solutions.
- **Water Heating**: Implemented innovative methods to reduce heating costs.
- **Solar Energy**: Integrated renewable energy solutions to lower dependency on the grid.

Technology and Implementation

- **Real-Time Monitoring**: Deployed across 114 sites, capturing 28,000 data points for granular energy management.
- **Advanced Analytics**: Leveraged AI, big data, and predictive analytics for continuous optimisation and efficiency gains.
- **Comprehensive Sustainability Strategy**: Included audits, technology reviews, and a long-term vision for environmental impact reduction.
- **Utility Management:** Addressed billing reconciliation, tenant energy usage monitoring, and overall cost control.

Financial Impact

Over an 11-year period, Netcare achieved significant financial savings:

- **Total Savings**: Approximately R320 million.
- **Daily Impact**: More than R80,000 saved, avoided, or additionally recovered per day (7 days a week).

Mila Vicquery

Maxine Botha

Johan Durand