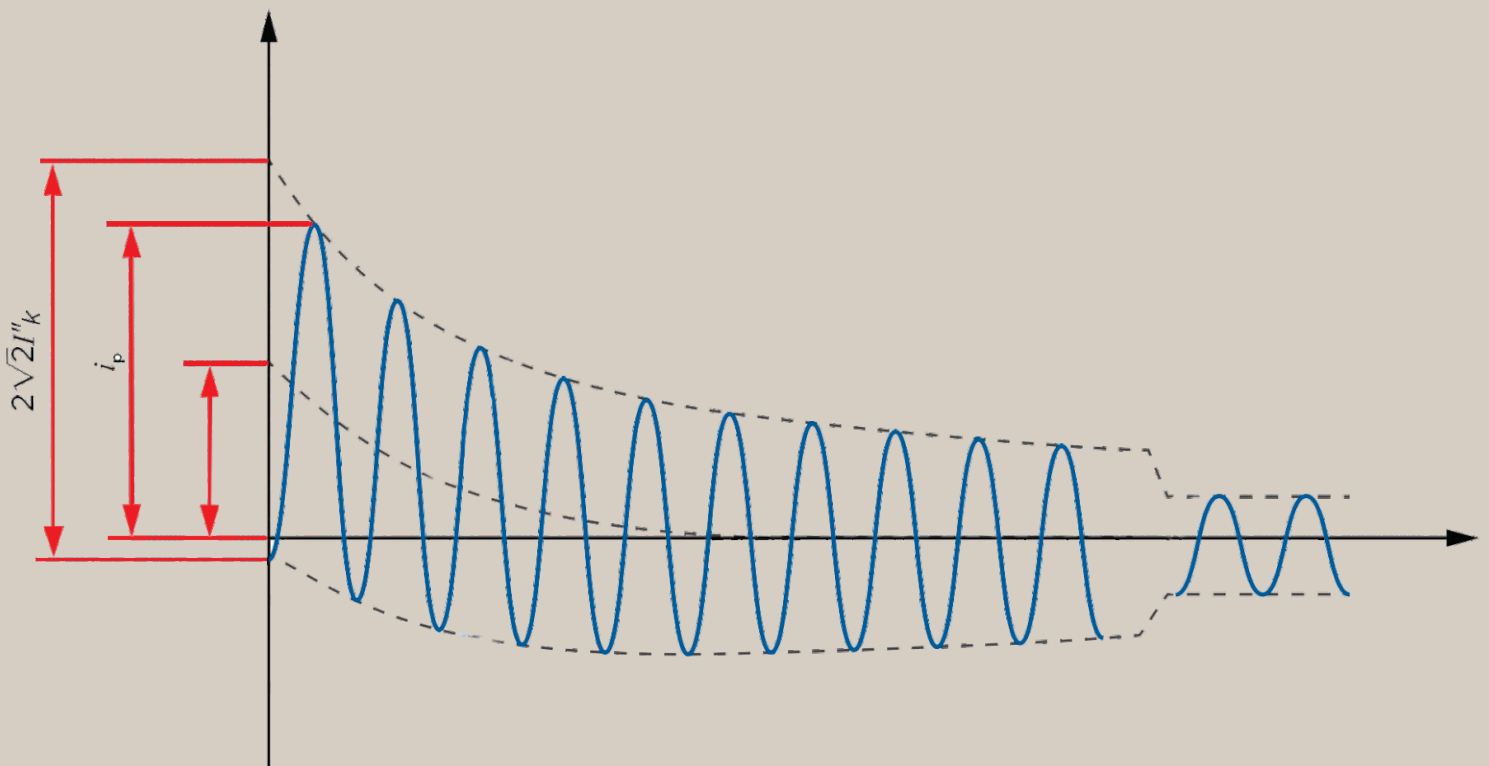




RPD

CONSULTING &
TRAINING SERVICES



PROFILE

RPD CONSULTING & TRAINING SERVICES (Pty) Ltd is a consulting and training company in Botswana with expertise in Electrical Engineering Designs & Input specification requirements, Electrical Safety Assessments/Audits, Project Management and Supervisions, Reliability Engineering, Asset Management Assessments, Asset Life Cycle Studies including Planning and Upgrade paths, Asset Maintenance Programs, Asset Management & Maintenance Skills Training.

RPD Consulting Registration number BW00005411927 is a fully registered and 100% citizen owned local company duly incorporated in Botswana.

Vision

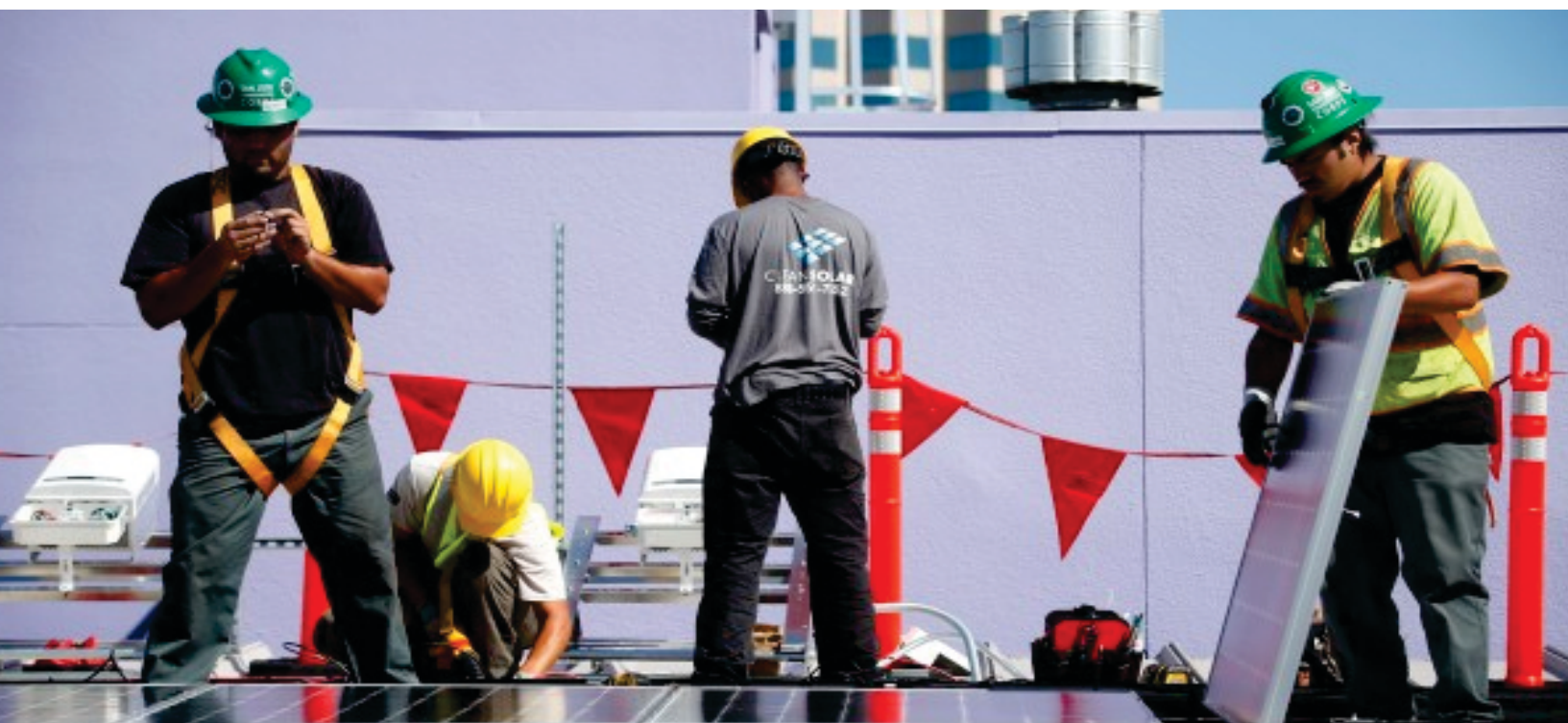
To become best leader in supporting organisations, businesses to make decisions that minimise asset life cycle costs while achieving desired performance at acceptable risk with their asset portfolio.

Mission

We provide consultancy and training services to support, inform, train and inspire asset owning entities to become successful through the concept of asset management, in the face of ethics, safety and sustainable living challenges.

Our Values

- Accuracy and rigour
- Honesty
- Integrity
- Sustainable designs



Our Services

Built Infrastructure assets consists of a vast networks of energy supply systems, transport, water supply networks, pipelines, wastewater and storm water systems, recreational facilities, property networks, telecommunications, and many others. These infrastructure assets exist primarily to support the delivery of service.

They provide the platform for economic development, more sustainable societies, social and recreational needs of public and communities, think of public health and safety, societal capital investment, equally resilience in the face of unexpected shocks like floods.

While infrastructure assets represent a significant national and societal capital investment in both the existing and new, these are often taken for granted until something fails or no longer to provides the expected service. For these reasons, asset-owning entities in both developed and developing nations are in the journey towards demonstrating good infrastructure assets stewardship. They do this by minimizing life cycle costs by keeping infrastructure assets in good state of repair, while maintaining good levels of service at acceptable risk. In this journey; RPD Consulting and Training assists asset –intensive organisations, public enterprises/ Utilities in areas of:

Electrical Designs - General

- Design for Reliability
- Power Systems and Protection
- Network designs and plans
- Input Specifications requirements

Reliability Engineering Support

- Asset criticality development
- Reliability Centred Maintenance (RCM)
- Root Cause Analysis (RCA)
- Maintenance plans. job plans
- Factory and Site Acceptance Tests
- Hierarchy development
- Useful life of physical assets
- Protection audits

Asset Management Support Assessments

- Asset management systems and capabilities

- Asset Management Consulting (BS ISO 55000) and Management System Audits (ISO19011: 2018)
 - Asset Policy development
 - Asset Management Strategy development
 - Asset Management Planning
 - Capital works
 - Asset Management Renewal Plans
 - Long-term Finance Planning
 - Asset Management Improvement Plans
 - Asset Data/ Registers
 - Facility and asset assessments /audits

Life cycle cost

- Performance
- Costs
- Risks

Asset Maintenance Support

Maintenance Programs

- Preventive Maintenance
- Predictive

Maintenance

- Proactive Maintenance
- Redesigns

Life cycle cost

- Performance
- Costs
- Risks

Project Management

- Management
- Supervision
- Commissioning

Training

- Maintenance workforce skills (Medium Voltage, Protection, Systematic Trouble shooting)
- Electrical safety programs
- Asset management training



1 PHYSICAL ASSETS

Man made things and systems, naturally occurring elements found in the environment

2 INFORMATION ASSETS

performance, Activities, costs Opportunities



3 HUMAN ASSETS

Competence, experience, roles teamwork, Leadership etc.



4 FINANCIAL ASSETS

Capital investment, Lifecycle costs, Operating costs, Rate of Return, EBIT



5 INTANGIBLE ASSETS

Reputation, Brand, Morale, Image, Social Impact.

Good Asset Management directly contributes to achieving many SDGs



Good Asset Management inherently contributes to seven of the SDG. Specifically, Asset Management improves an organization's sustainability by effectively managing expenditures and activities to achieve both short- and long-term intended impacts, including the sustainability of operations and performance. Asset Management processes clearly demonstrate social responsibility and ethical business practice by improving the ability to reduce emissions, conserve resources and adapt to climate change. Asset Management also improves efficiency and effectiveness by reviewing and improving processes, procedures and asset performance.



Power Systems and Protection

Asset Class Strategies

Managing Assets

vs. Asset Management



Daily service



Age



Up-front cost



Maintenance



Local Expertise



Reactive



Long-term performance



Condition and risk



Whole-life cost



Lifecycle management







Integration



Proactive

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