



# ISO 50001 Consulting & Training profile

Netpeckers Consulting P Ltd.

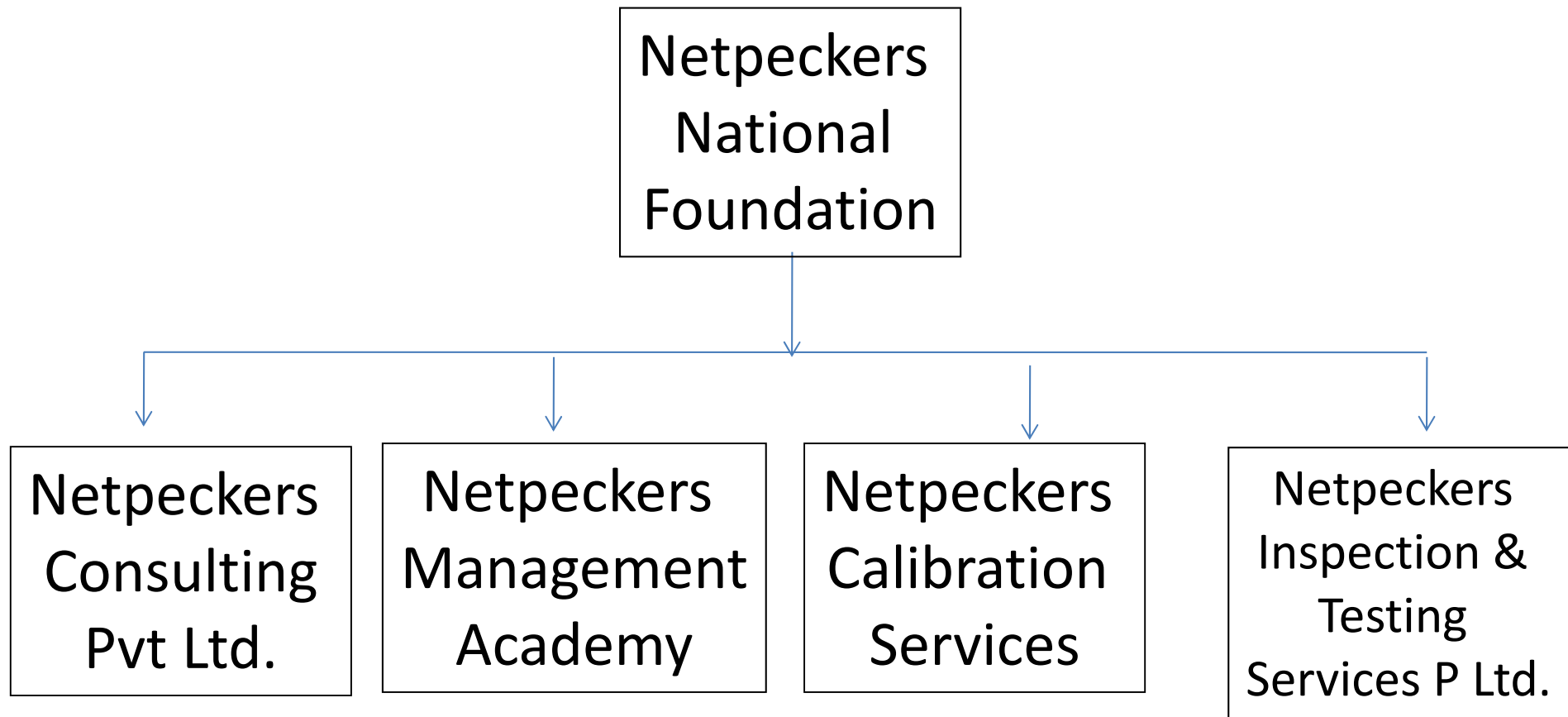


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# Introduction to Netpeckers Consulting





# Netpeckers Consulting

- Consulting services for system certifications
  - ISO 9001:2008- Quality
  - ISO 50001:2011 Energy
  - ISO 14001:2004- Environment
  - OHSAS 18001:2007- Health & Safety
  - ISO 27001:2005 – Information Security
  - ISO 22000:2005 – Food Safety
  - ISO 13485:2003 – Medical devices
  - ISO 17025:2005 – Laboratories
  - ISO/IEC 20000-1:2005 – IT Industry /BPO
  - SA 8000 – Social Accountability
  - Integrated Management Systems – Integration



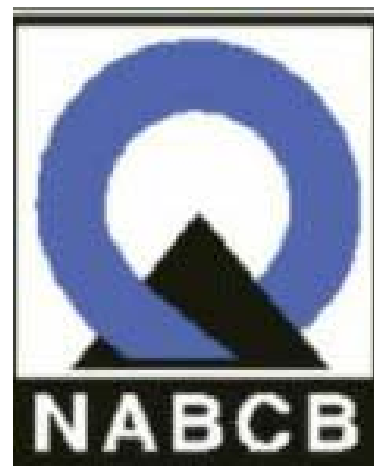
Partial list of certification bodies, We suggest the best for your needs



“\* Logos above belong to their respective owners”



Partial list of accreditations, We suggest the best for your needs



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Netpeckers Management Academy  
[www.netpeckers.edu.in](http://www.netpeckers.edu.in)



# Netpeckers Management Academy

<http://training.netpeckers.edu.in>

- Online interactive internal auditor training modules for
  - ISO 9001:2008
  - ISO 50001:2011
  - ISO 14001:2004
  - OHSAS 18001:2007
  - TS 16949 : 2009
  - ISO 27001:2005
  - Controls for ISO 27001:2005
  - ISO 22000



# Structure of ISO 50001:2011

- ❖ **introduction** pg vi
- ❖ **Scope** pg 1
- ❖ **Terms and definitions** pg 1
- ❖ **Requirements** pg 5
- ❖ **Annex A Guidance** pg 14
- ❖ **Annex B Corresp. Bet. Diff std. Pg 20**

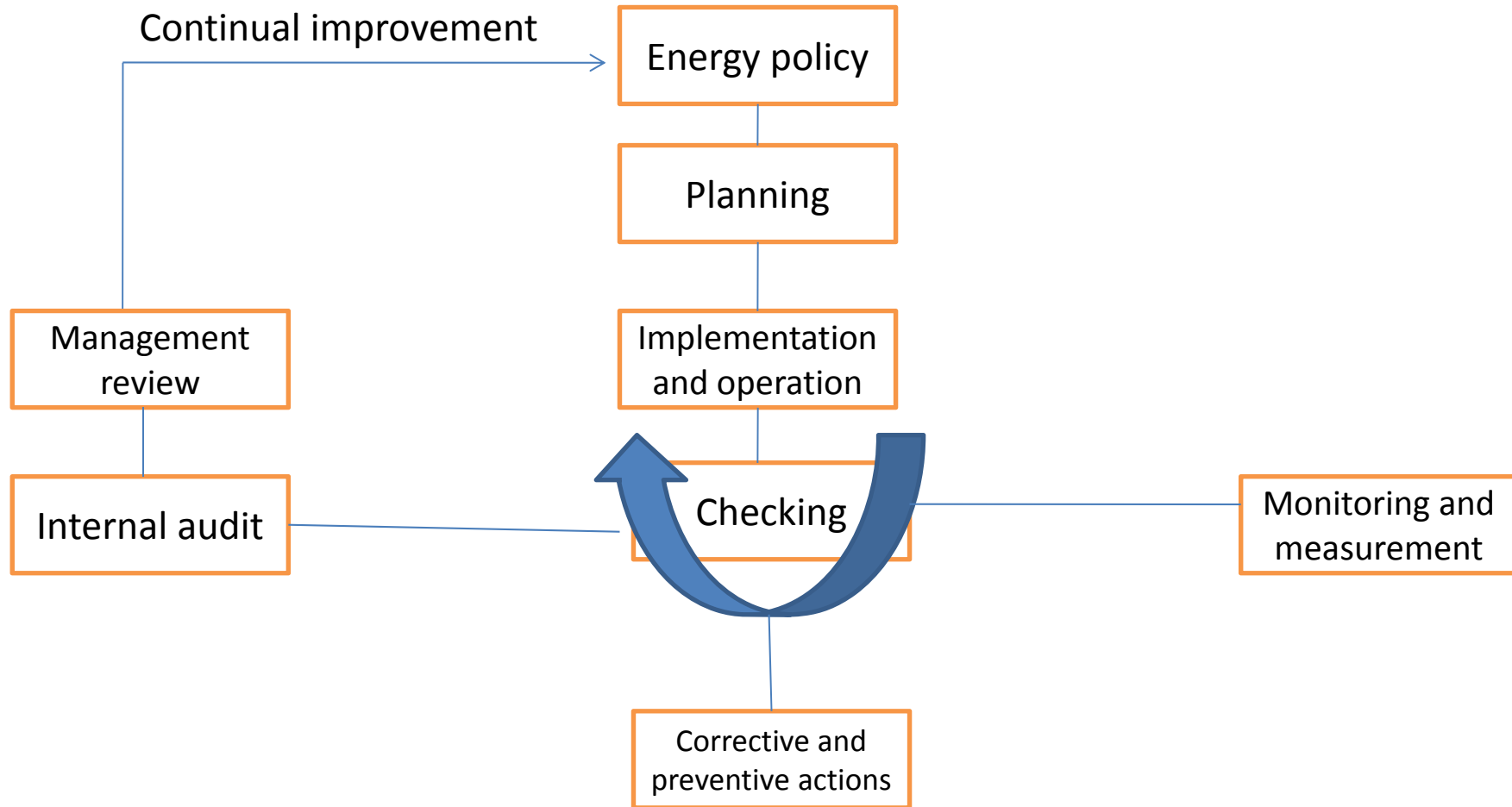


# Scope of ISO 50001:2011

- ❖ **Aim of this standard is help organizations to improve energy efficiency leading to reduction in cost and greenhouse gas emissions**
- ❖ **Applies to all types and size of organizations**
- ❖ **Applies to the activities under the control of an organization**
- ❖ **Requirements can be aliened or integrated with any other management system**



# The improvement cycle





# Overall benefits of and EnMS

- **Reduce operating costs by controlling in house energy costs**
- **Reduce greenhouse gas emissions**
- **Enhance corporate image and reputation among stakeholders**
- **Comply with legislation by meeting current or future mandatory energy efficiency targets**
- **Improve energy use performance in a systematic way**



# Certification process

## **Scope of certificate – multiple or single site**

If you have a number of “similar” site – you have a choice:-

create one system with one certificate or many site system with many certificates.

The certification body and auditor must validate the scope of the EnMS.



# Certification to ISO 50001 is carried out in 2 on- site stages

- Stage 1 audit
- Stage 2 final certification audit



# Stage 1 – “initial” audit

Assess readiness for complete system audit

- Validation scope of EnMS
- Energy use and consumption
- Identification of legal and other requirements
- Policy
- Site and process description
- Evaluation of compliance
- Internal audits
- Management review process

Focus for planning stage 2 “main” audit

- Familiarize with facility and critical energy process
- Plan and allocate resources
- Check requirements for team competence
- Feedback to client



# Stage 1 – Initial audit

Stage 1 audit – documentation checks

- ✓ Energy baseline/performance indicator
- ✓ Licenses and permits wherever applicable
- ✓ Energy policy
- ✓ System description, programs and reports
- ✓ Evaluation of compliance
- ✓ Corrective actions
- ✓ Management review records
- ✓ Other relevant document



# Stage 2 Main audit

## Objective

1. Assess suitability for organization's energy baseline and its energy performance indicators
2. Verify conformity with standard and internal procedures
3. Evaluate system's effectiveness in:
  - ✓ Achieving objectives
  - ✓ Implementing policy commitments (i.e. compliance, energy conservation/efficiency continual improvement, etc)
  - ✓ Maintaining operational controls



# Stage 2 Main audit

## Complete system audit

### Full system audit covers:

- EVERY clause of ISO 50001 for : intent, implementation and effectiveness
- Linkages between elements of the EnMS

### 2 Key questions

- Is the system complete?
- Is the system working



# Our role in implementation

1. GAP analysis with respect to requirements of ISO 50001:2011 requirements
2. Providing internal auditing training to all department heads
3. Providing awareness training to all employees directly affecting energy consumption
4. Providing sample manuals and procedures for Energy management system implementation
5. Providing record formats for Energy management system implementation
6. Ensuring that records are implemented for 3 months cycle
7. Witnessing internal audit conducted by your internal audit team
8. Closing internal audit non conformance
9. Ensuring smooth transition from stage 1 and stage 2 audit of certification body till receiving the certificate



# Our offering in implementation

- We provide following items in our documentation kit :
  - Energy management manual (Apex manual)
  - Energy management procedures
  - Energy management formats (ready to use)
  - Base line review format
  - Energy plan
  - Energy performance indicators
  - Energy objectives and targets
  - Internal audit and MRM formats (ready to use)
  - Any other documentation requirement which comes up during certification audit



# Client's advantages during implementation

- Focus on your core activities and leave the documentation to professionals
- Savings of hours of making documents and record formats to suit your needs
- On time implementation
- Economical implementation approach
- Access to Netpeckers list of service and product suppliers for energy management



# Contact details

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