

Update on ISO 14001:2015

Dr. Cem O. Onus, Washington DC, 11.10.15



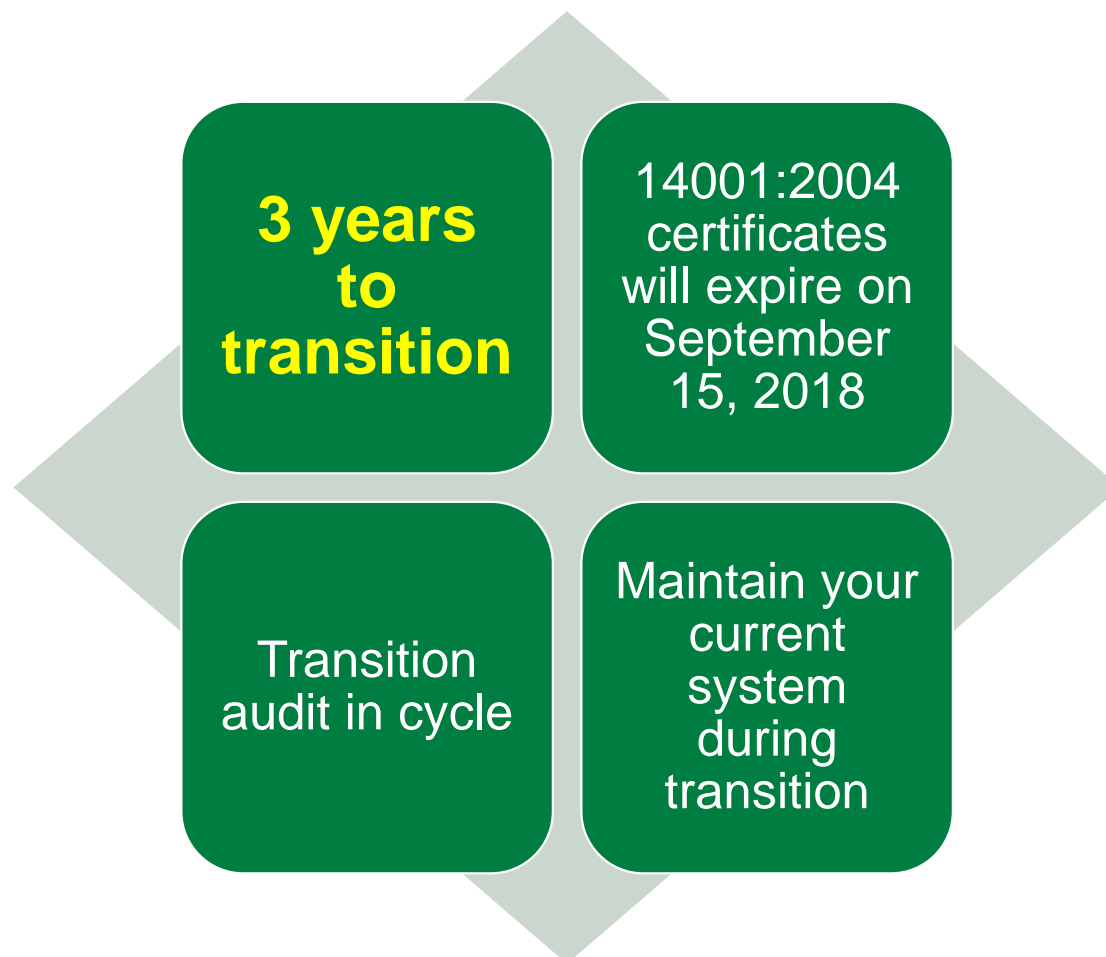
SAFE WORLD

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We are certified to ISO 14001:2004.

What does this mean for us?



Core Changes

Strategic Environmental Management

Leadership

Environmental Performance

Protecting the environment

Life-cycle thinking

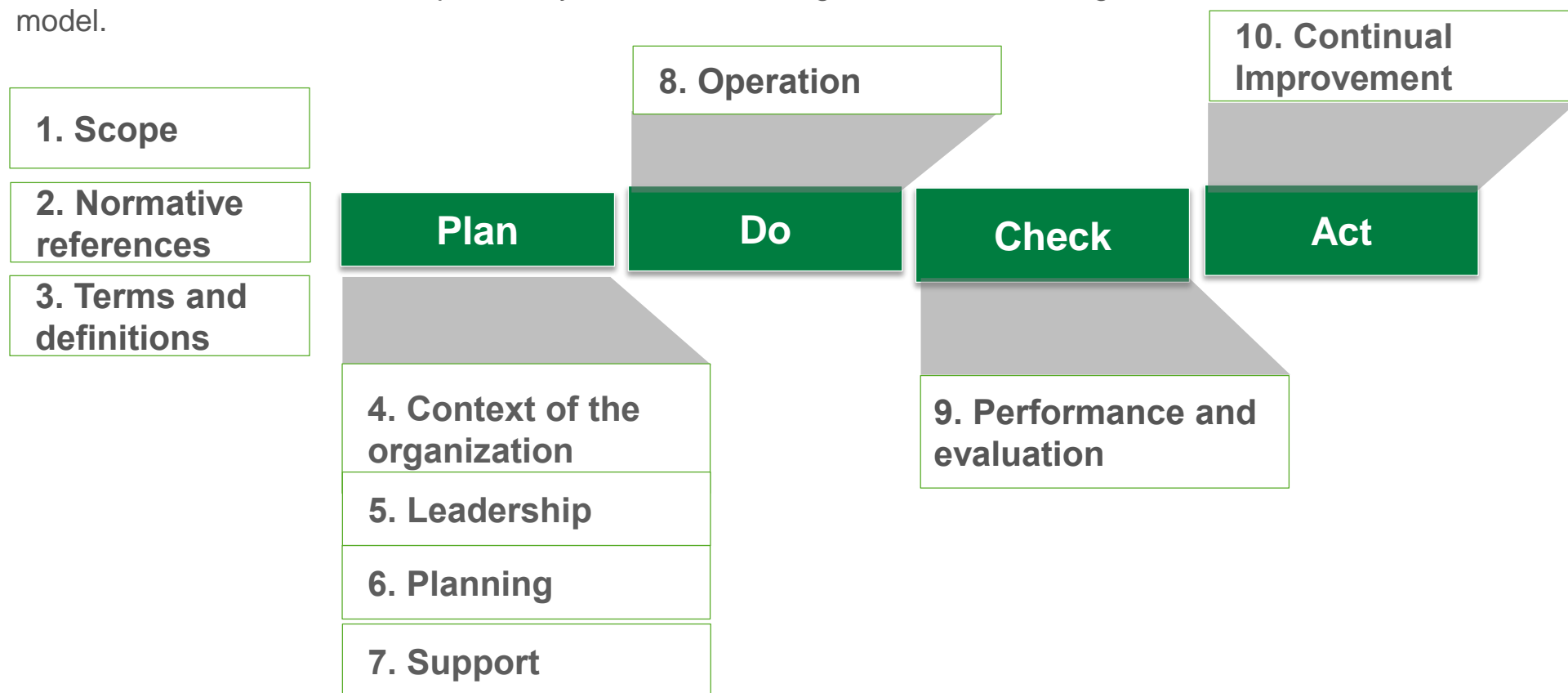
Communication

Documentation



ISO 14001:2015 Structural Changes

- The new structure is designed to allow for greater integration with other ISO standards (ISO 9001, ISO 50001, etc.)
- Structure is similar in that the first 3 sections are Scope, Normative References, & Terms and Definitions.
- In the 2015 revision sections previously known as 4 through 8 are now 4 through 10, but still based on the PDCA model.



General overview

High Level Structure

All ISO standards will now share a similar clause structure, good news for organizations trying to implement Integrated Management Systems.

There are far fewer "required documents" or records.

Now the organization may largely define their own documentation that best works for them.

Top Management

The "management rep" is no longer a requirement. Top management needs to be explicitly involved.

7 Major Differences

- 1 Strategic Environmental Management:** The overall goal is to identify opportunities for the benefit of both the organization and the environment. Understanding issues or changing circumstances related to the needs and expectations of interested parties and local, regional or global environmental conditions that can affect, or be affected by, the organization
- 2 Leadership:** Assigning specific responsibilities for those in leadership roles to promote environmental management within the organization.
- 3 Environmental performance:** Focus on improving environmental performance as it pertains to continual improvement



Major Differences (cont)

- 4 **Protecting the environment:** Preventing or mitigating adverse environmental impacts.
- 5 **Lifecycle thinking:** A life cycle assessment is not required, but focuses on extending control and influence environmental impacts associated with product use and end-of-life treatment or disposal.
- 6 **Communication:** Focus on external and internal communications for consistency and reliability
- 7 **Documentation:** “Documented information” replaces “documents” and records. How you document is more open to best fit for your organization

Useful Links

<http://www.iso.org/iso/home/standards/management-standards/iso14000.htm>

<http://www.dekra-forms.com/guide-to-iso-140012015/>

Questions?



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