

apa

agência portuguesa
do ambiente



ISO 14002 – ASPETOS AMBIENTAIS

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Vogal CT 42 – SC4

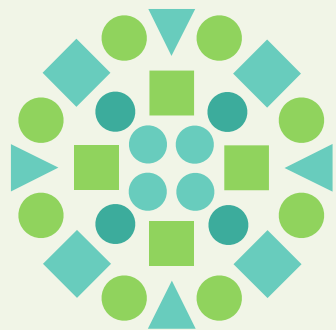
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**REPÚBLICA
PORTUGUESA**

AMBIENTE E
AÇÃO CLIMÁTICA



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ISO 14002 – ASPETOS AMBIENTAIS

- . ISO 14002 – PARTE 1: GENERALIDADES**
- . ISO 14002 – PARTE 2: ÁGUA**
- . ISO 14002 – PARTE 3: CLIMA**

ÍNDICE DA APRESENTAÇÃO

1. Princípios operacionais do WG11 da ISO-TC207-SC1
2. Enquadramento das Normas da Série ISO 14002
3. Processo de desenvolvimento da Série ISO 14002
4. O papel da ISO 14002 – Parte 1
5. Situação atual da ISO 14002 – Parte 2
6. Início dos trabalhos para a ISO 14002 – Parte 3



1. Princípios operacionais do WG11 da ISO-TC207-SC1

Princípios operacionais do WG11 da ISO-TC207-SC1

Operating principles of ISO/TC 207/SC 1/WG 11 (N165)

Development of deliverables

To ensure a high quality of ISO 14002 and an efficient collaboration WG 11 and its TGs shall adhere to the following general development process agreements:

- maintain a transparent and open dialogue, sharing of knowledge and time plans within the WG and its subdivisions
- consider the involvement of experts and liaison groups from outside the ISO/TC 207/SC1 community to support the development of technical content, where relevant
- avoid unnecessary bureaucracy
- plan WG and TG meetings to occur at the same location, either back to back or in parallel, as appropriate
- consistent with ISO rules, distribute and share WG documents only on a controlled basis, i.e. to appointed experts, members of national mirror committees and potentially among the organizations represented in such mirror committees



Diálogo

Peritos



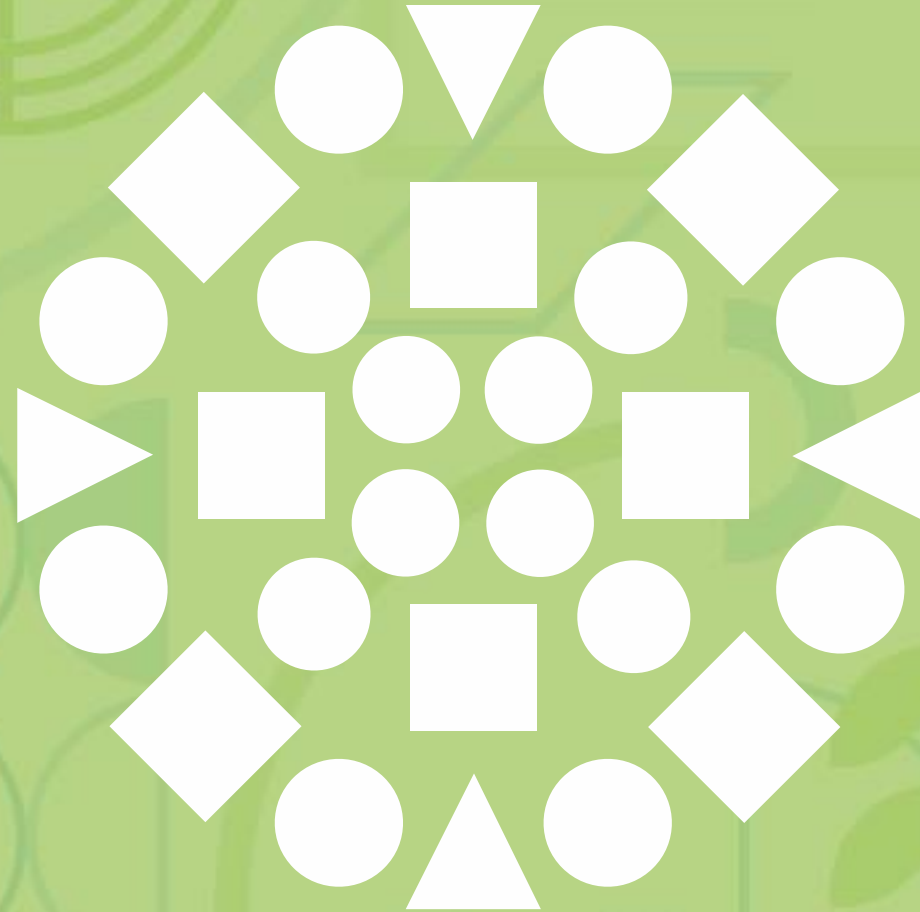
Organização

Controlo

WG 11 noted that just a few ISO members officially registered experts for this group. Much more countries indicated their interest via the ballot on the NWIP.



2. Enquadramento das Normas da Série ISO 14002



Enquadramento das Normas da Série ISO 14002

➔ ISO 14002 Environmental management systems — Guidelines for using ISO 14001 to address environmental aspects and conditions within an environmental topic area.

➔ **ISO 14002 series of standards** is supporting organizations seeking assistance in dealing in-depth with certain environmental topic areas within their environmental management systems.

➔ The series will not define new requirements for the application of ISO 14001 but will provide and highlight relevant interconnections to other ISO and non-ISO standards and guidance.

➔ The aim is to develop guidelines for the management of specific environmental aspects and impacts ("inside-out" perspective), as well as to assess the effects of a changing environment on organizations ("outside-in" perspective).



Enquadramento das Normas da Série ISO 14002

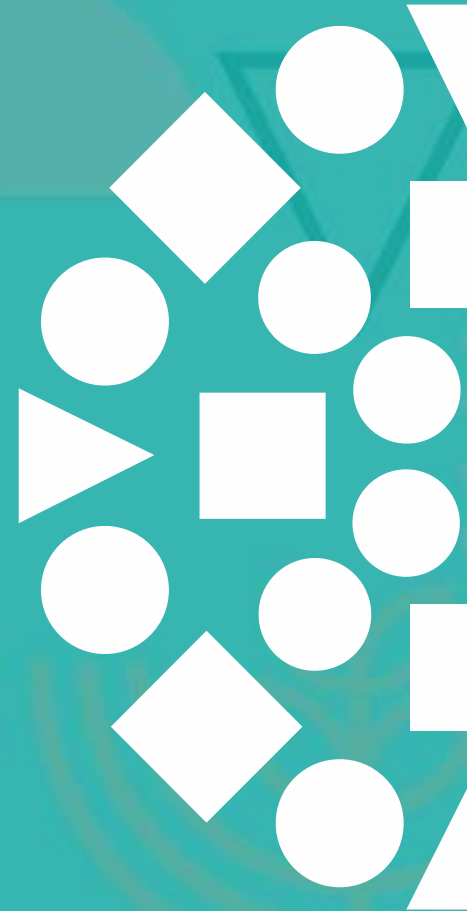
- **Benefits of the ISO 14002 series**

The ISO 14002 series provides guidance that is targeted toward specific types of interrelated environmental aspects and environmental conditions. The benefits of applying the ISO 14002 series can include:

- **enhancing** environmental **performance** within **specific environmental topic areas**;
- **protecting the environment** by preventing or mitigating adverse environmental impacts within specific environmental topic areas;
- mitigating the potential adverse effect of environmental conditions on the organization within specific environmental topic areas;
- aligning the environmental management system with the organization's strategic direction.



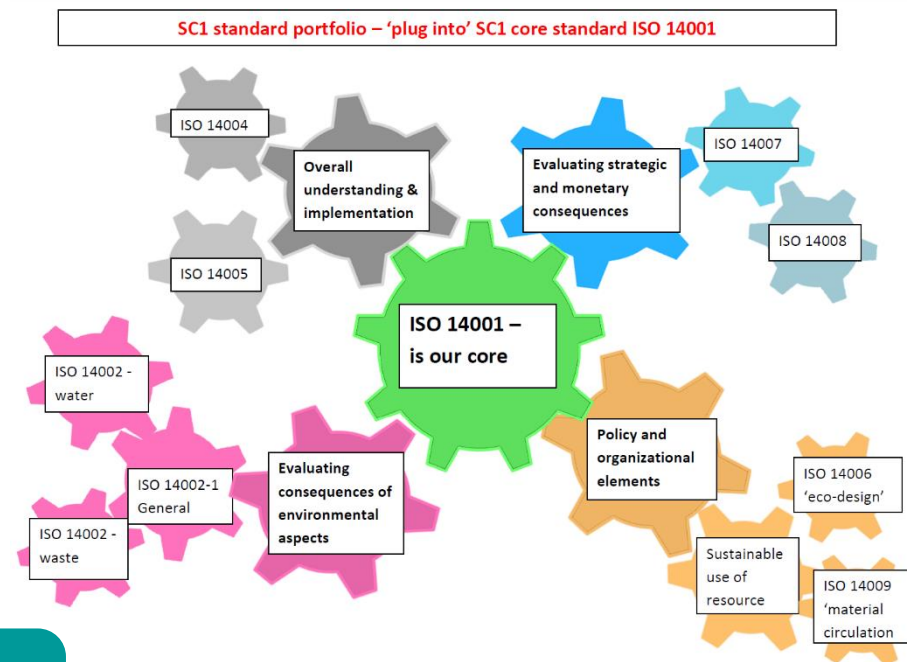
3. Processo de desenvolvimento da Série ISO 14002



Processo de desenvolvimento da Série ISO 14002

ISO 14002 – Fact sheet

- Project start Q1/2017
- Responsible ISO unit: ISO/TC 207/SC 1/WG 11 (72 members, 8 Liaison representatives)
- Convenor and Secretariat: Christoph Töpfer (German Environment Agency, UBA) and Anne Dahlke (DIN)
- ISO 14002 is a series of guidance standards on managing specific environmental topic areas using ISO 14001
- It will be developed as a series of parts
 - Part 1 – General guidance
 - Part 2 – Water
 - Part 3 – Climate change
 - ...
- Main target group are users of ISO 14001 (as of 2021 approx. 420.000 certified organizations worldwide)



PARTE 1
Generalidades

PARTE 2
Água

PARTE 3
Clima

PARTE 4
Resíduos e Recursos

4. O papel da ISO 14002 – Parte 1

O papel da ISO 14002 – Parte 1

Role of ISO 14002-1 – General

- introduces the ISO 14002 series and explains the concept of environmental topic areas
- provides general guidance to users of ISO 14001 seeking to systematically plan, take and evaluation actions with regards to one or more environmental topic area(s)
- is PDCA based but does not follow the each clause of ISO 14001 nor the Harmonized Structure (HS)
- constitutes a framework for common elements of subsequent parts of ISO 14002

ISO 14002-1:2019(E)

Contents	Page
Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Planning actions.....	1
4.1 General.....	1
4.2 Establish a baseline for the specific environmental topic area.....	2
4.3 Determine appropriate actions.....	3
4.3.1 General.....	3
4.3.2 Types of action.....	3
4.3.3 Considerations for decision-making.....	3
5 Taking action.....	4
5.1 Environmental objectives.....	4
5.2 Support actions.....	6
5.3 Operational controls.....	7
5.3.1 General.....	7
5.3.2 Life cycle perspective.....	7
5.3.3 Emergency preparedness and response.....	8
5.4 Unintended consequences of actions taken.....	8
6 Evaluating the effectiveness of actions.....	8
6.1 General.....	8
6.2 Monitoring, measurement and analysis.....	8
7 Improvement.....	9
Bibliography.....	10

PARTE 1 - Generalidades

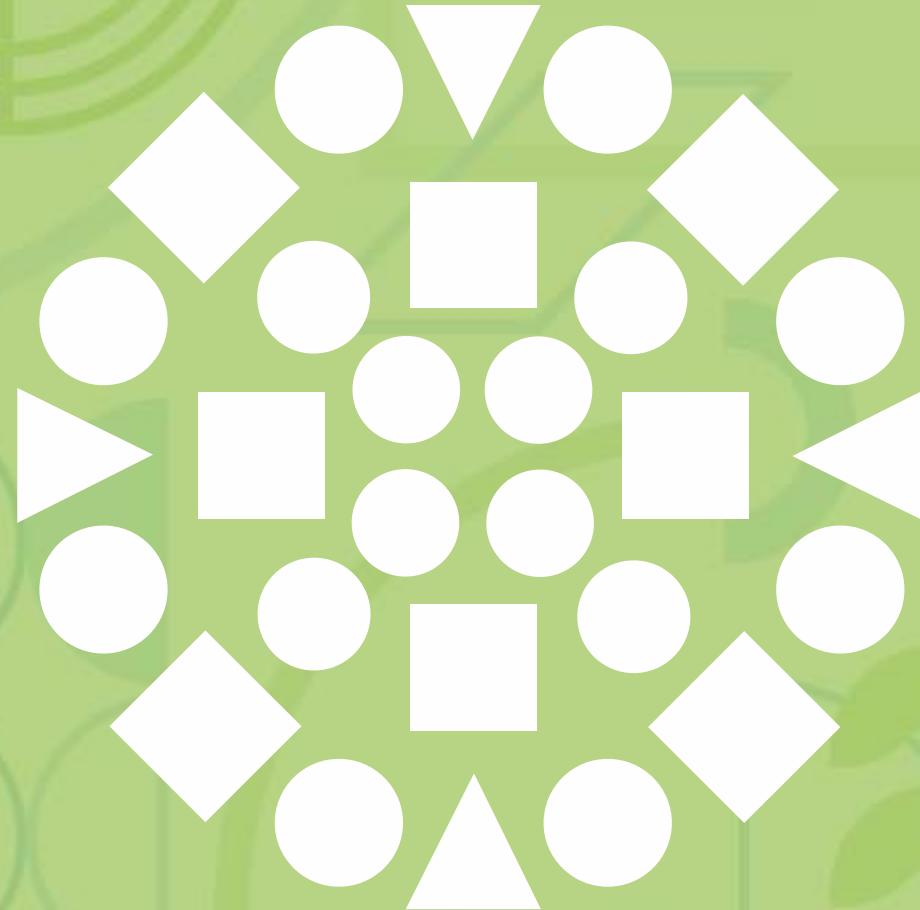
Iniciada no 1º
trimestre 2017

Publicada em
Novembro 2019

Traduzida em
Junho 2021



5. Estado atual da ISO 14002 – Parte 2



Estado atual da ISO 14002 – Parte 2

Features of ISO/DIS 14002-2 (water)

- Building on the structure of ISO 14002-1

Contents	Page
Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Planning actions.....	3
4.1 General.....	3
4.2 Understanding the organization and its context related to water.....	3
4.2.1 Conduct a water related review.....	3
4.2.2 Review water related environmental aspects and impacts.....	4
4.2.3 Determine risks and opportunities that need to be addressed.....	5
4.2.4 Establish a baseline.....	5
4.2.5 Manage change.....	6
4.3 Determine appropriate actions to address risks and opportunities.....	6
5 Taking action.....	8
5.1 General.....	8
5.2 Environmental objectives.....	9
5.3 Support actions.....	10
5.4 Operational controls.....	11
5.4.1 General.....	11
5.4.2 Types of control.....	11
5.4.3 Life cycle perspective.....	12
5.4.4 Emergency preparedness and response.....	12
5.5 Unintended consequences of actions taken.....	13
6 Evaluating the effectiveness of actions.....	14
6.1 General.....	14
6.2 Monitoring, measurement, and analysis.....	14
6.2.1 General.....	14
6.2.2 Indicators of performance.....	15
7 Improvement.....	17
Annex A (informative) Example of a public water utility - Ames Community Water System.....	18
Annex B (informative) Example of a dairy cooperative - Pavitra Dairy Ltd.....	22
Annex C (informative) Example of a chemical facility - AB Chemical.....	25
Annex D (informative) Clarification of concepts.....	29
Bibliography.....	30

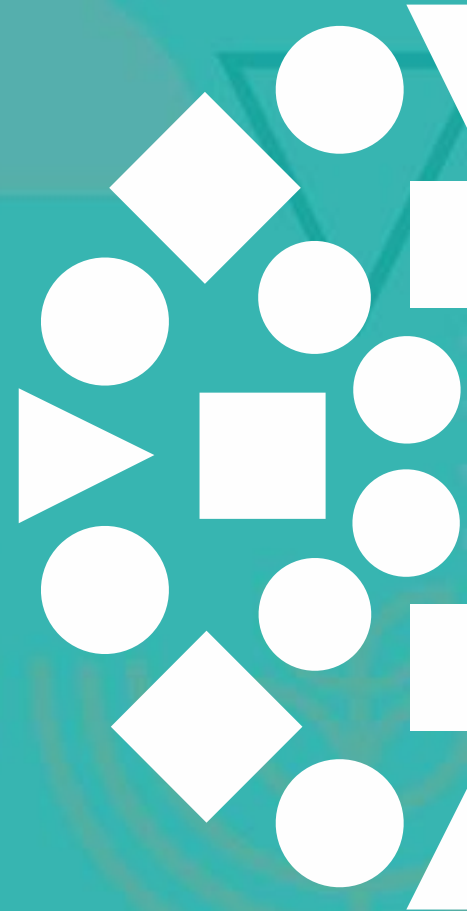
PARTE 2 - Água

ISO DIS 14002-2
aprovado a
16/06/2022

Pedido de extensão
aprovado em 11/2022

FDIS a ser
distribuído no
início de 2023

6. Início dos trabalhos para a ISO 14002 – Parte 3



Início dos trabalhos para a ISO 14002 – Parte 3

ISO 14002 – Part 3: Climate

Environmental Management System – Guidelines for using ISO 14001 to address environmental aspects and conditions with an environmental topic area – Part 3: Climate

Connected with SDG 7, 12 and 13

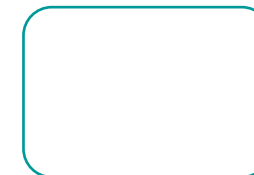
Proposed Standard Development Track: 36 meses

➔ There are interfaces between ISO 14002-3 and existing ISO standards in the area of climate change, mitigation and adaptation.

➔ Often, existing standards address specific elements of the environmental management system only (e.g. ISO 14064-1 on GHG-accounting).



**PARTE 3 -
Clima**



NWI proposto em
12/07/2022



NWI aprovado em
06/10/2022



1st Kick-off meeting:
03/11/2022

Next meeting: 24/01/ 2023
to 26./01/2023





Scope ISO14002-3

This document is intended for organizations seeking to address climate-related environmental aspects, environmental conditions, and the associated risks and opportunities within an environmental management system according to ISO 14001.

Organizations contribute to climate change due to their direct and indirect emissions of greenhouse gases and are affected by climate change due to the physical and transitional threats it poses on their operations and value chains. This document addresses the environmental topic area climate from both perspectives, the management of greenhouse gas emissions (mitigation) and climate-related risks and opportunities (including adaptation).

This document follows the intention of the ISO 14002 series to provide guidance for dealing with an environmental topic area by supporting a systematic approach compatible with "Plan-Do-Check-Act".

This document is applicable to organizations irrespective of their size, type, financial resources, location and the sector they belong to.



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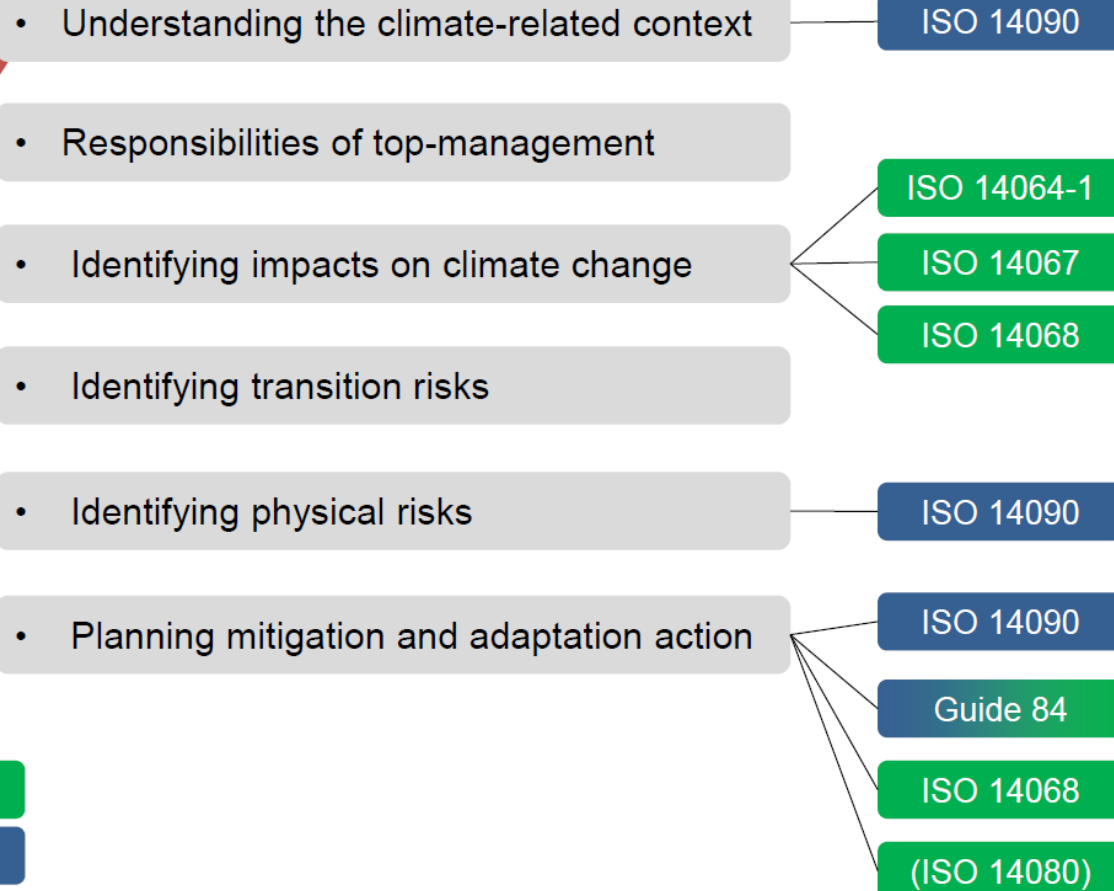


Início dos trabalhos para a ISO 14002 – Parte 3



ISO 14002-3 and other ISO standards

Review
and plan
action



Mitigation

Adaptation

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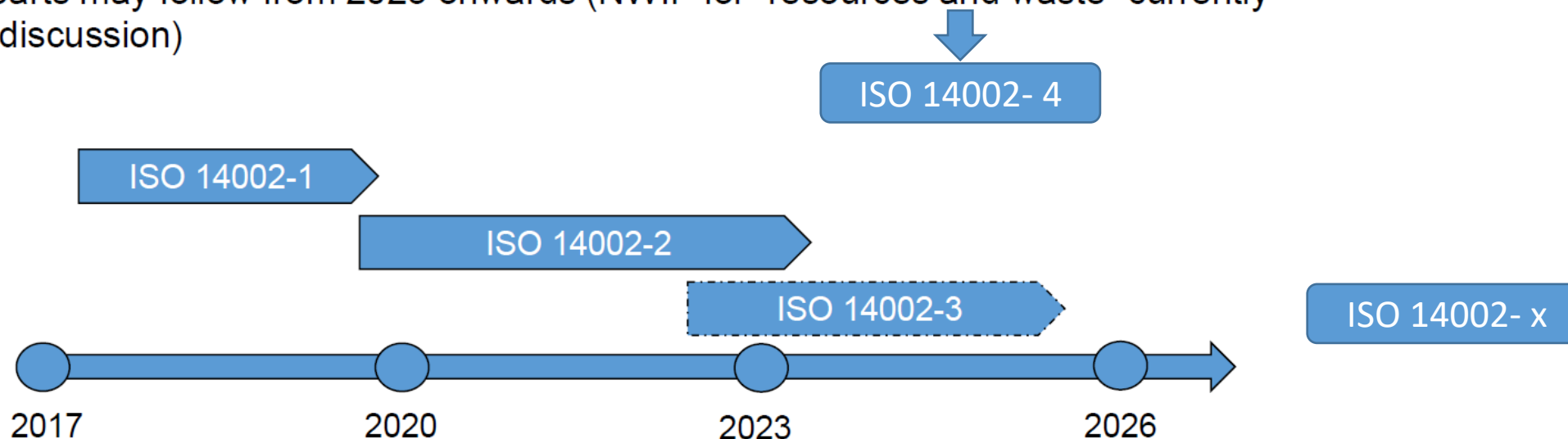
10.01.2023

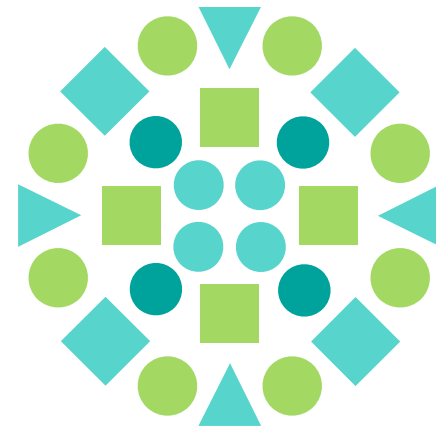
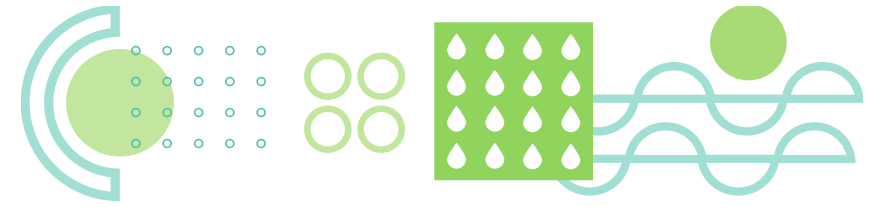
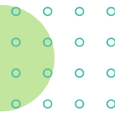


Ponto de Situação da Série ISO 14002

Development process and state of play

- ISO 14002-1 published in 11/2019
- ISO/DIS 14002-2 approved in 06/2022
- ISO/NWIP 14002-3 approved in 10/2022; today = first formal meeting
- other parts may follow from 2023 onwards (NWIP for “resources and waste” currently under discussion)

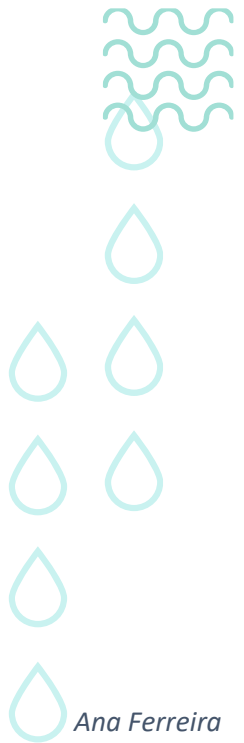




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10.01.2023