ISO activities related
to the SDGs, and the
future of standards &
standards development

Content

Sustainability at ISO

Future of standards development

Sustainability at ISO

Why Sustainability at ISO?

ISO's Vision for 2030

Making lives *easier* *,* *safer* *and* *better*

GOAL 1:
ISO standards
used everywhere

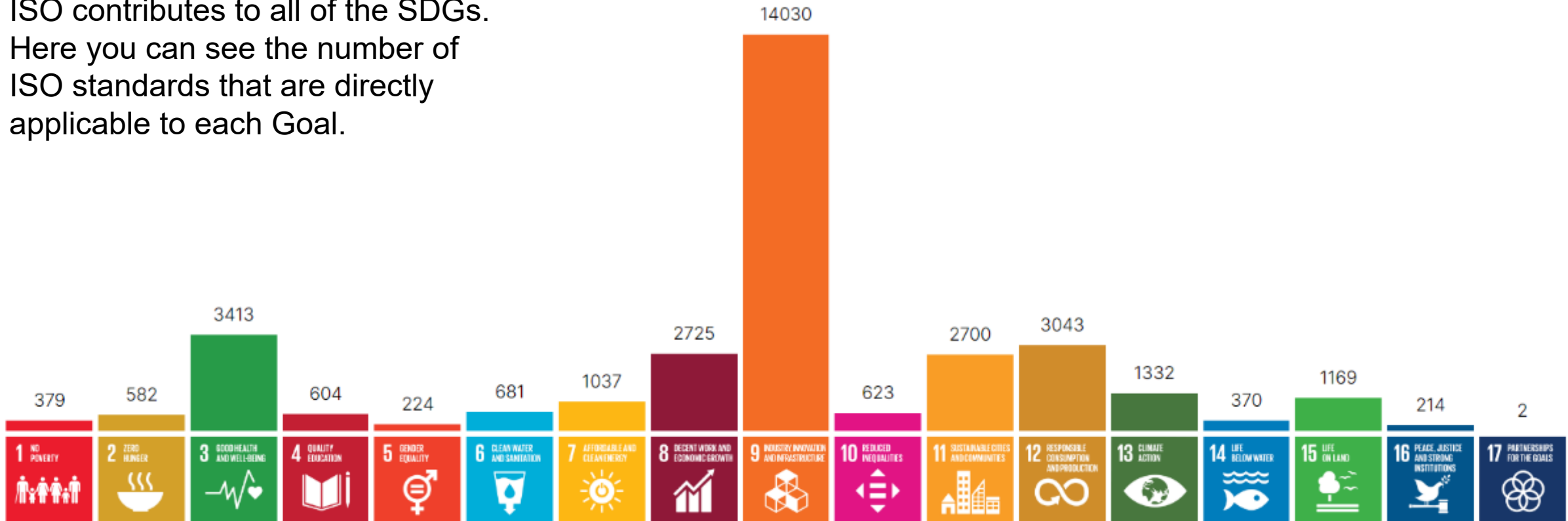GOAL 2:
Meeting global needs

GOAL 3:
All voices heard

UN 2030 Agenda

Achieve a better and more *sustainable* *future for all*

Impact at a glance

ISO contributes to all of the SDGs. Here you can see the number of ISO standards that are directly applicable to each Goal.
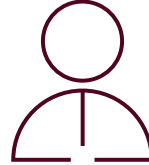

Goal	Number
1 NO POVERTY	379
2 ZERO HUNGER	582
3 GOOD HEALTH AND WELL-BEING	3413
4 QUALITY EDUCATION	604
5 GENDER EQUALITY	224
6 CLEAN WATER AND SANITATION	681
7 AFFORDABLE AND CLEAN ENERGY	1037
8 DECENT WORK AND ECONOMIC GROWTH	2725
9 INDUSTRY INNOVATION AND INFRASTRUCTURE	14030
10 REDUCED INEQUALITIES	623
11 SUSTAINABLE CITIES AND COMMUNITIES	2700
12 RESPONSIBLE CONSUMPTION AND PRODUCTION	3043
13 CLIMATE ACTION	1332
14 LIFE BELOW WATER	370
15 LIFE ON LAND	1169
16 PEACE, JUSTICE AND STRONG INSTITUTIONS	214
17 PARTNERSHIPS FOR THE GOALS	2

ISO

London Declaration - ISO Commitment

Sustainability Programme

Environment

- Climate Action
- Plastics pollution
- Biodiversity

3 GOOD HEALTH AND WELL-BEING

6 CLEAN WATER AND SANITATION

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

14 LIFE BELOW WATER

13 CLIMATE ACTION

15 LIFE ON LAND

Diversity & inclusion

- Gender Action Plan
- Young Professionals

5 GENDER EQUALITY

10 REDUCED INEQUALITIES

ISO

Pillars of ISO's Climate Action

Standards development

Strategic partnerships

Capacity Building

A common path to Net Zero

ISO Net Zero Guidelines provide *clear definitions* and *consensus-based guidance* to help understand and accelerate progress on global net-zero targets.
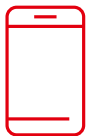
Freely available at iso.org/netzero

Gender Action Plan

ISO Gender Action Plan

1. Collect and analyse reliable and accurate data on gender representation

2. Balanced participation and representation

3. ISO deliverables are gender responsive

4. ISO/CS plays a key role in promoting gender equality within the ISO system

5. Support ISO members on gender equality

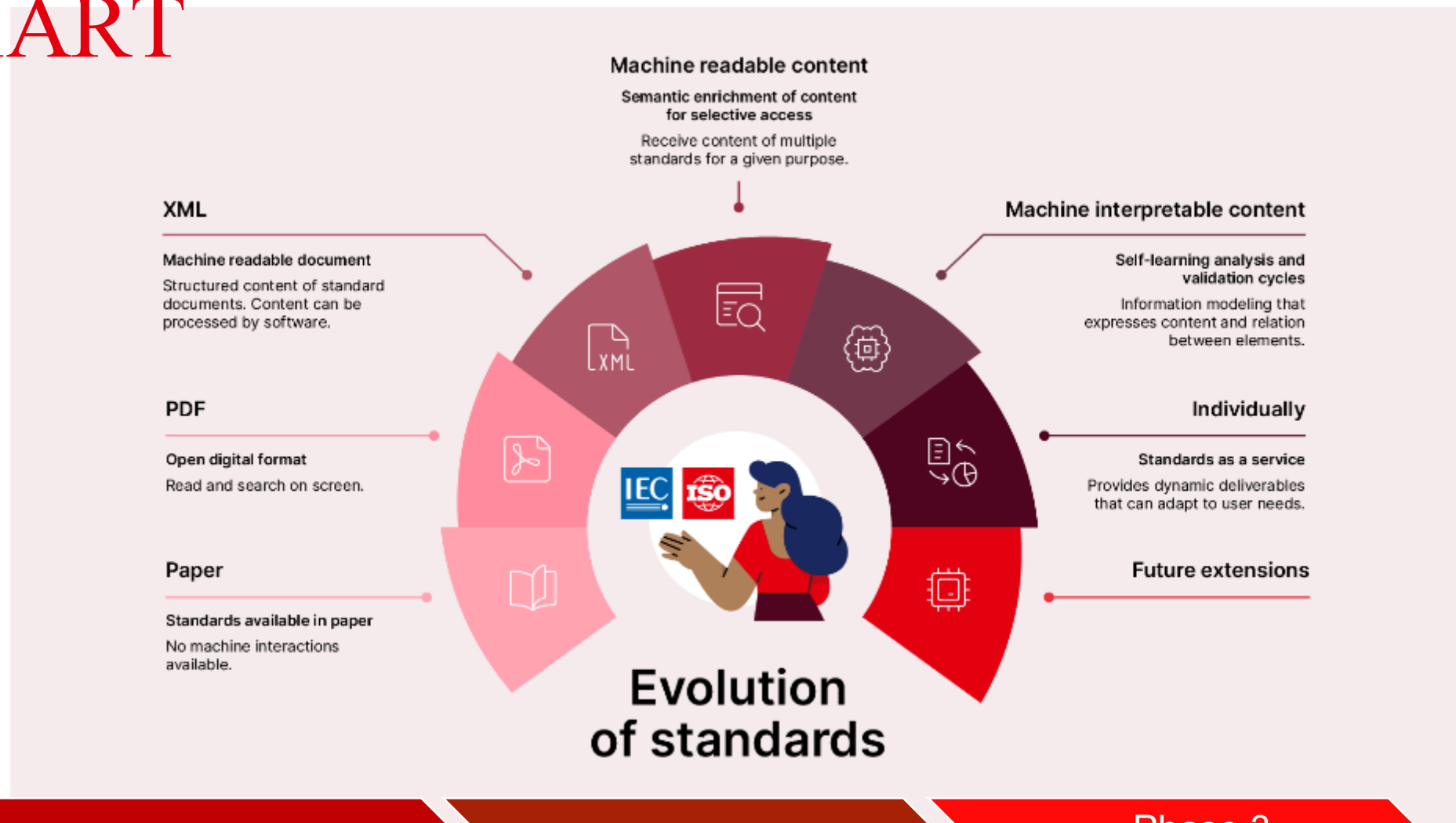# Young Professionals

Young Professionals

Project purpose
Design tools, processes, and packages for ISO members to attract, engage and retain young professionals (YPs) as participants in standards development.

1. **Collect reliable and accurate** data on youth representation

2. Create guidance, tools to attract YPs, their employers, educational institutions, etc

3. Retain YPs as participants in the standards development process

4. Share best practice, initiatives and resources from ISO Member
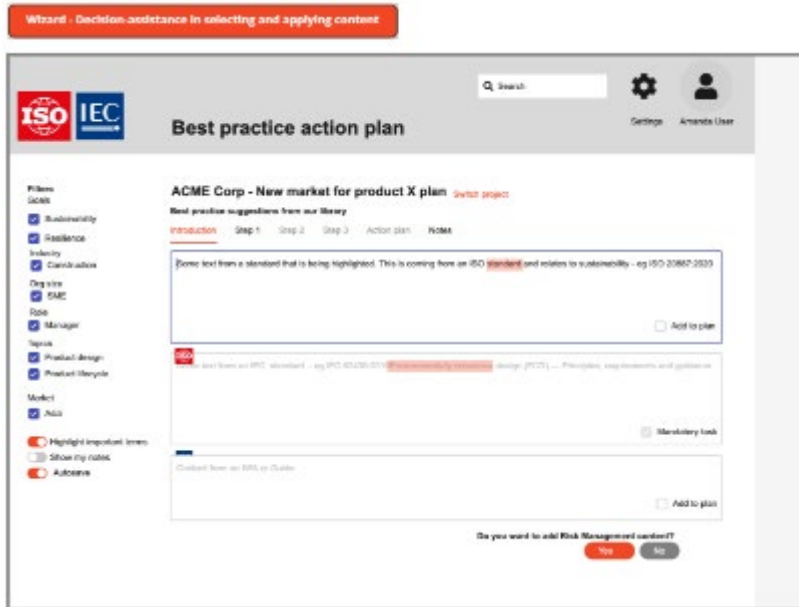
Future of standards development

SMART

Machine readable content

Semantic enrichment of content
for selective access

Receive content of multiple
standards for a given purpose.

XML

Machine readable document

Structured content of standard
documents. Content can be
processed by software.

PDF

Open digital format

Read and search on screen.

Paper

Standards available in paper

No machine interactions
available.

Machine interpretable content

Self-learning analysis and
validation cycles

Information modeling that
expresses content and relation
between elements.

Individually

Standards as a service

Provides dynamic deliverables
that can adapt to user needs.

Future extensions

Evolution of standards

Phase 1 Analysis & Design	Phase 2 Pilots' implementation	Phase 3 Scaling & Recommendations

Q1 2023   2024

User value propositions

Simpler

Step-by-step guidance to implementation - reference tool:

Wizard

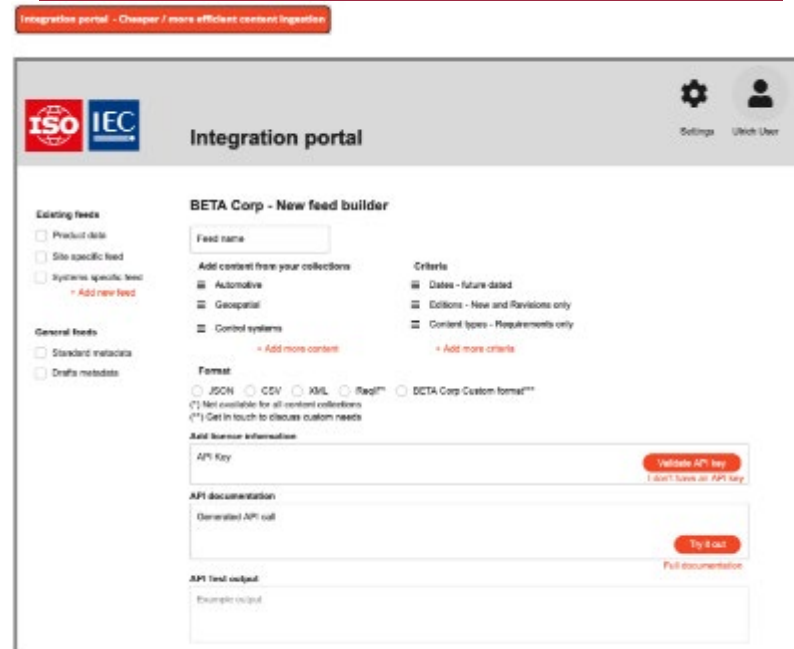
More efficient

Requirements are received into the system using the configuration tool:

Requirements extraction

Innovative

Collects and checks performance data to support implementation:

Self-assessment tool

ISO Open Consultation Project: High -level purpose

"Promote the **involvement of external stakeholders** and encourage collaboration across various sectors to capture **expectations for standardization** for supporting and expanding emerging technologies and markets, specifically those identified as having a significant need by industry, government, or the larger standardization community. "

Improved Development Processes

Committee Strategy Management

+

Optimized Deliverables

=

Improved Development Processes
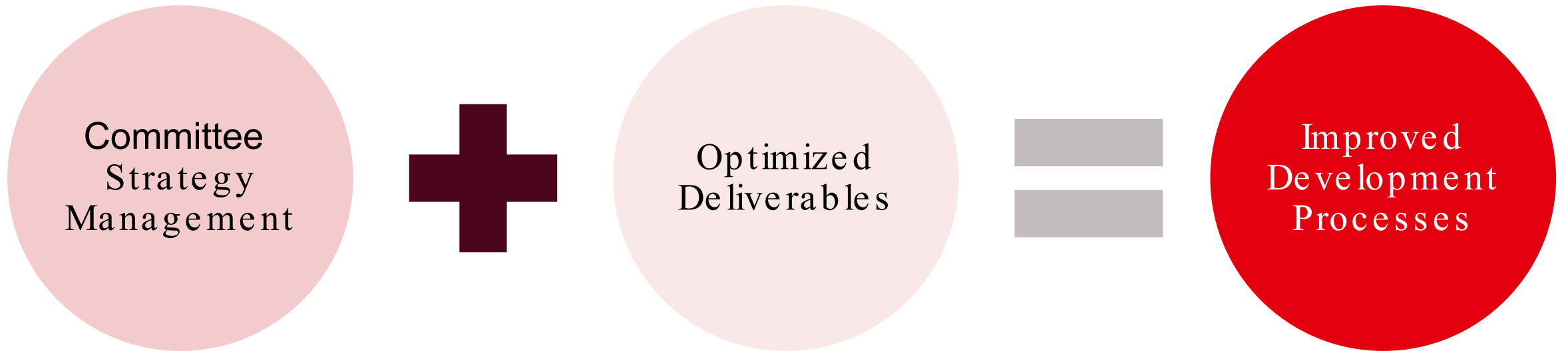
Improve Committee Strategic Business Plans

Optimize the set of ISO deliverables

Market needs better addressed

Online Standards Development
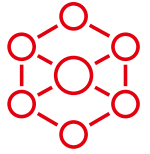
Integrating ISO stages
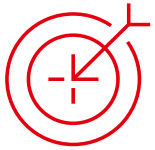of development

Assisted
authoring

Automating
the Directives

STAGE	SUBSTAGE		
	00 Registration	20 Start of main action	60 Completion of main action
20 Preparatory stage			

Benefits for committees
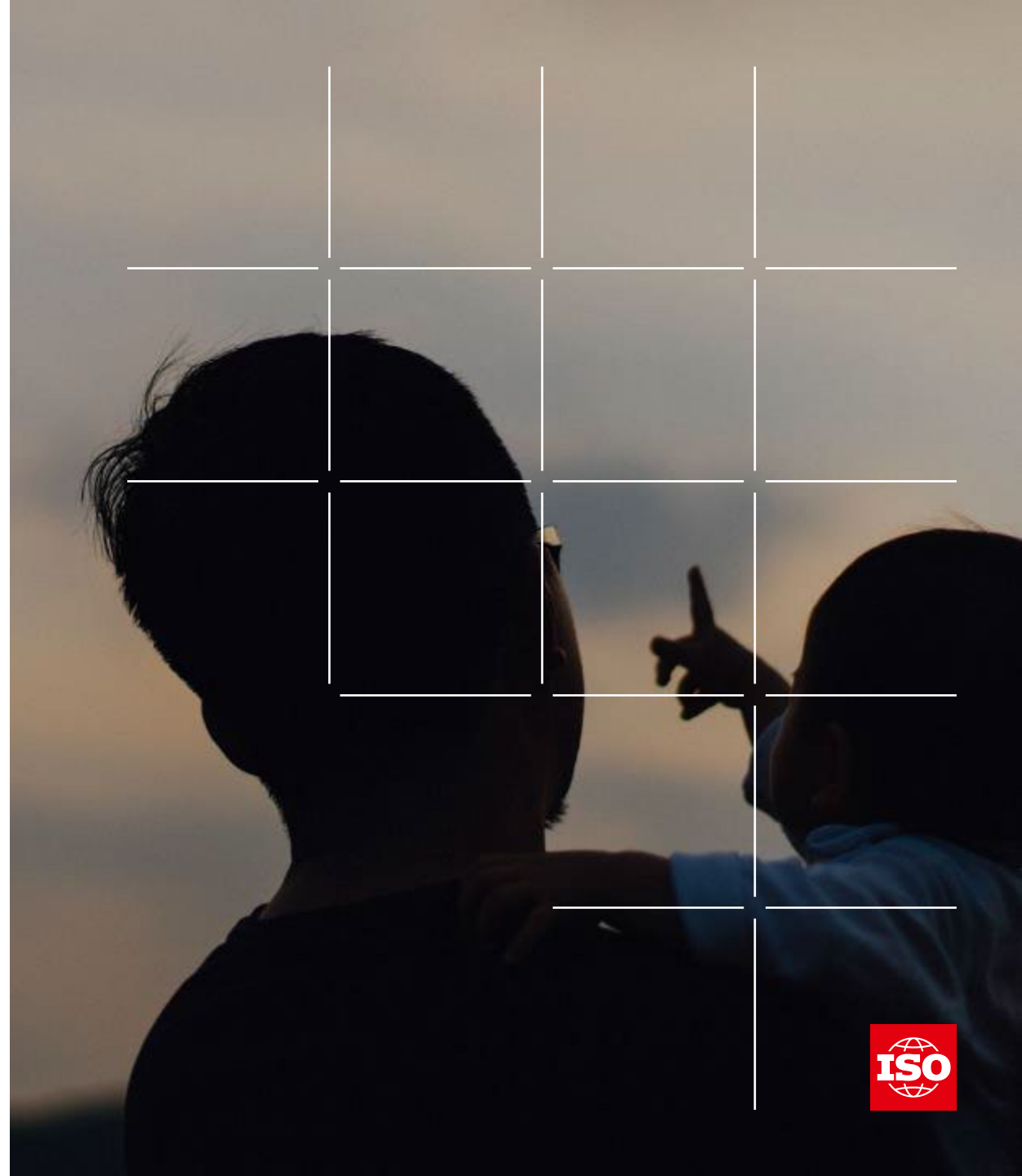
- More collaborative
- More effective
- More transparent
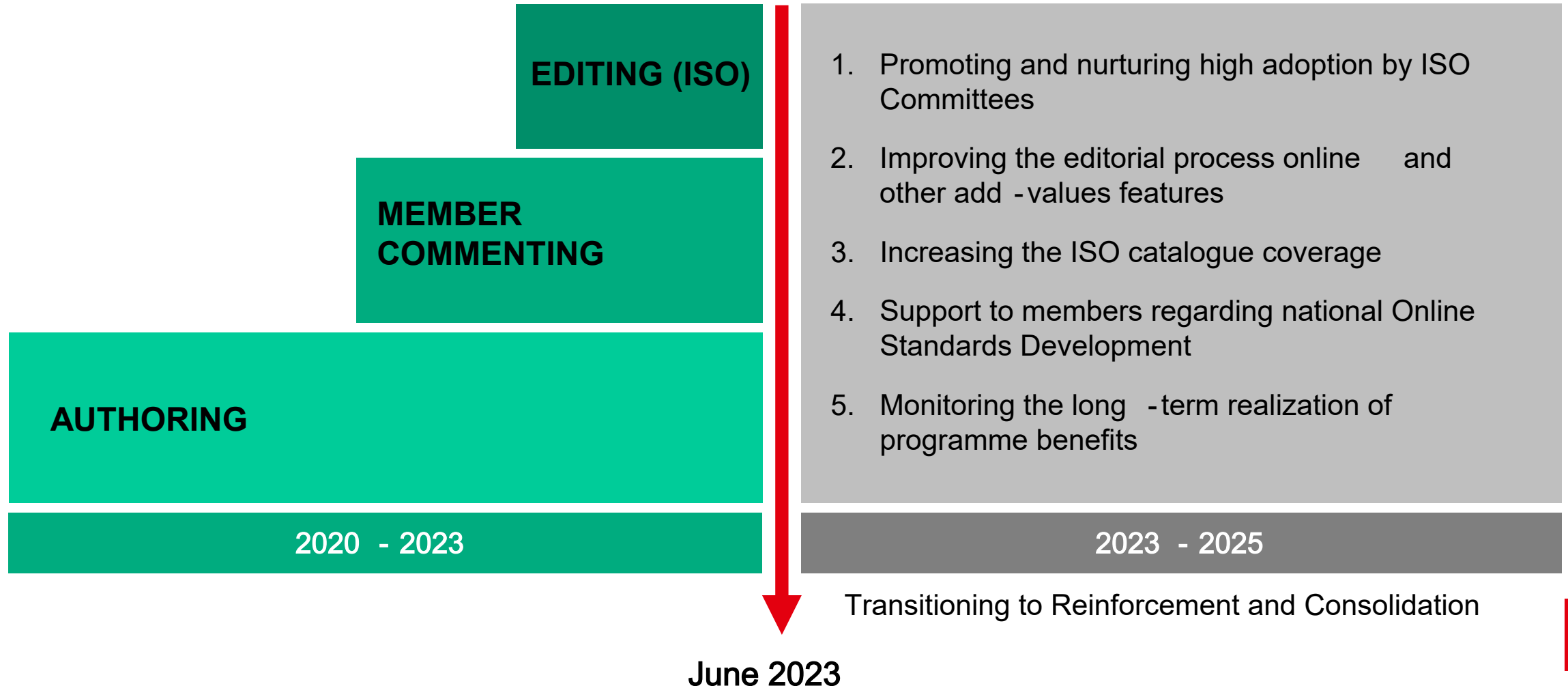- Better guidance
- Better experience

Benefits for members

Member commenting in the OSD can ease your national commenting processes when it comes to International Standards:
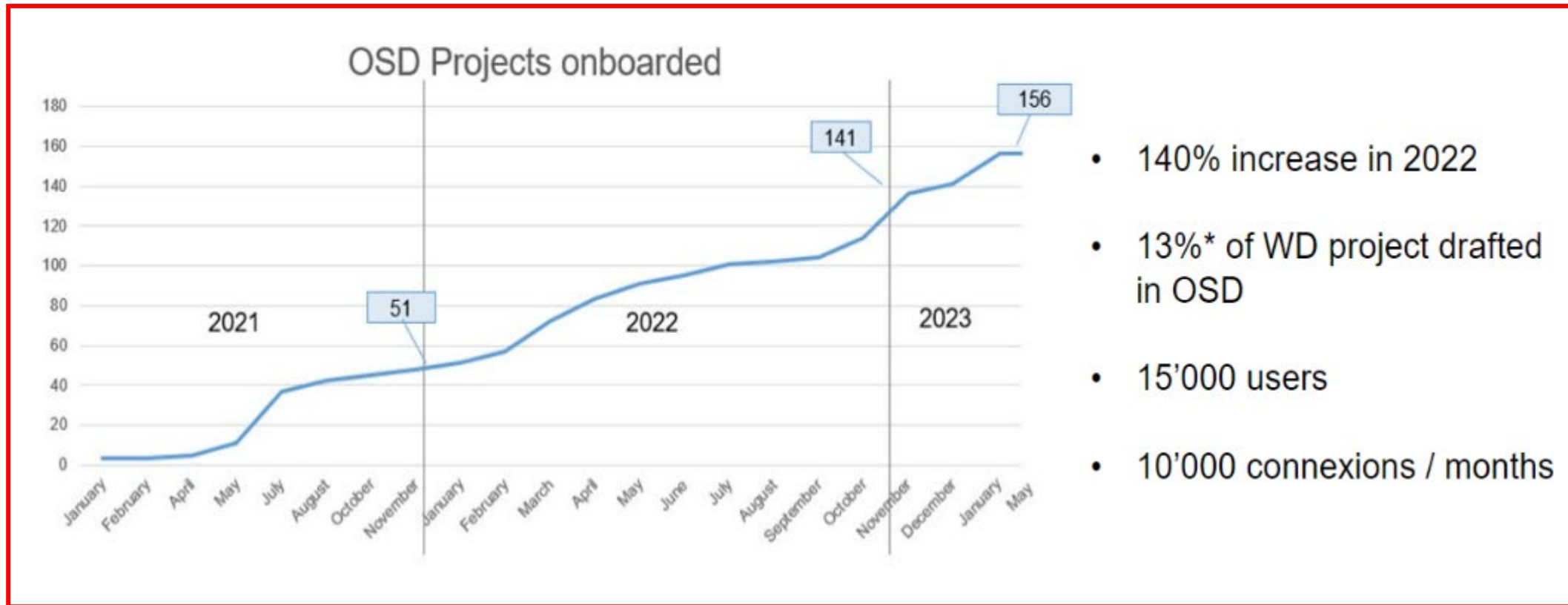
- ✓ Improve commenting for national experts

- ✓ Facilitate consensus building with improved consolidation and management of national comments by voters

- ✓ Simplify submission of national comments by voters

Online Standards Development
Generally available - on a voluntary basis - in June 2023

EDITING (ISO)

MEMBER COMMENTING

AUTHORING

2020 - 2023

1. Promoting and nurturing high adoption by ISO Committees

2. Improving the editorial process online and other add -values features

3. Increasing the ISO catalogue coverage

4. Support to members regarding national Online Standards Development

5. Monitoring the long -term realization of programme benefits

2023 - 2025

Transitioning to Reinforcement and Consolidation

June 2023

ISO Projects using the OSD

OSD Projects onboarded

- 140% increase in 2022
- 13%* of WD project drafted in OSD
- 15'000 users
- 10'000 connexions / months

Thank you.

Making lives *easier*, *safer* and *better*.