



# IEC & UNECE WP.6 creating value together a 10 years retrospective

**David Hanlon**

Secretary, IEC Conformity  
Assessment Board (CAB)

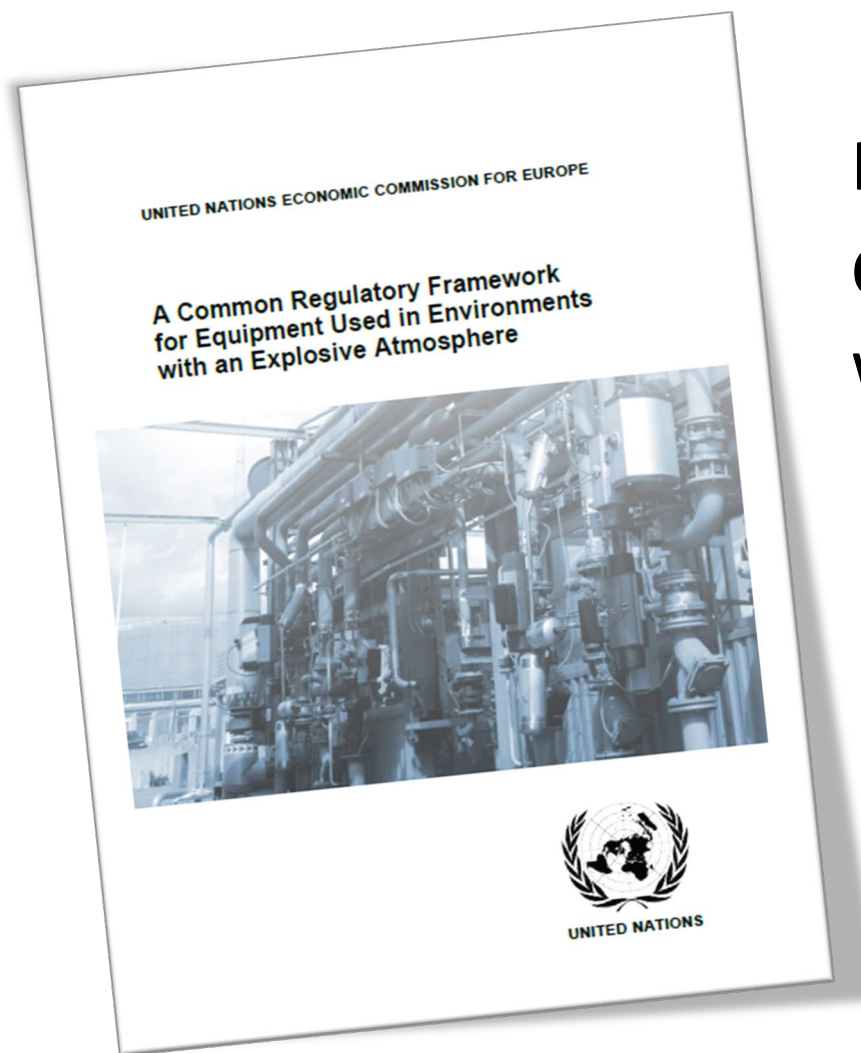
UNECE WP.6 annual meeting  
UNOG, Geneva  
25<sup>th</sup> November, 2021



International  
Electrotechnical  
Commission

2011

UNECE WP.6 and IECEx  
work together to develop  
UB CRO for Environments with Explosive Atmospheres  
Published 2011



IECEX scheme  
Considered as a  
World's Best Practice.



**IECEX**



Presented IEC Conformity Assessment at  
UNECE WP.6 annual meeting

2013



**IEC Conformity Assessment**

**David Hanlon**  
Secretary, IEC Conformity  
Assessment Board (CAB)

UNECE 23<sup>rd</sup> WP6  
Geneva, Switzerland  
20 November, 2013

**IEC** INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION



2014

Announced the co-hosted (IEC, ISO, ITU, UNECE WP.6)  
World Standards Cooperation (WSC) Workshop on CA  
at the UNECE WP.6 annual meeting

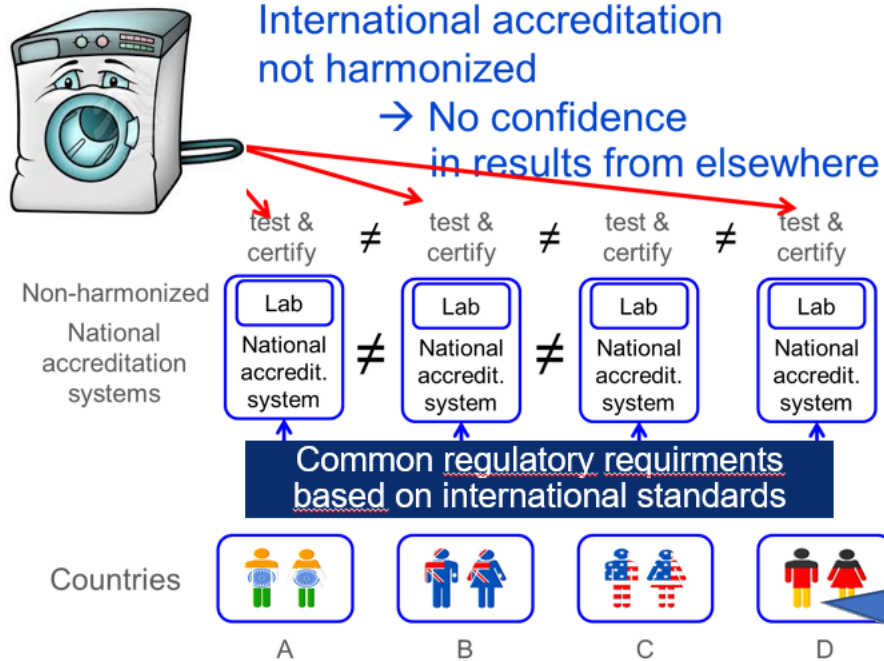
WSC Workshop on  
Conformity Assessment  
Geneva, 1 & 2 December 2015

**WSC** World Standards  
Cooperation

IEC ISO ITU

This event is in conjunction with the  
**2015 UNECE WP 6 meeting**  
on Wednesday afternoon of 2<sup>nd</sup> December  
and Thursday 3<sup>rd</sup> December

## Use of conformity assessment schemes by regulators



Challenge for regulators is to go beyond harmonization of regulations and standards

Towards the international harmonization of **regulatory systems**, including through the increased use of conformity assessment schemes

IEC international CA Systems  
World's Best Practice



IEC presented at the high-level conference  
focused on Kyrgyzstan organized by UNECE

2015



**IEC**  
Standardization &  
Conformity Assessment  
Focus on Kyrgyzstan

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Executive Assistant  
Office of the General Secretary  
[www.iec.ch](http://www.iec.ch) - [api@iec.ch](mailto:api@iec.ch)

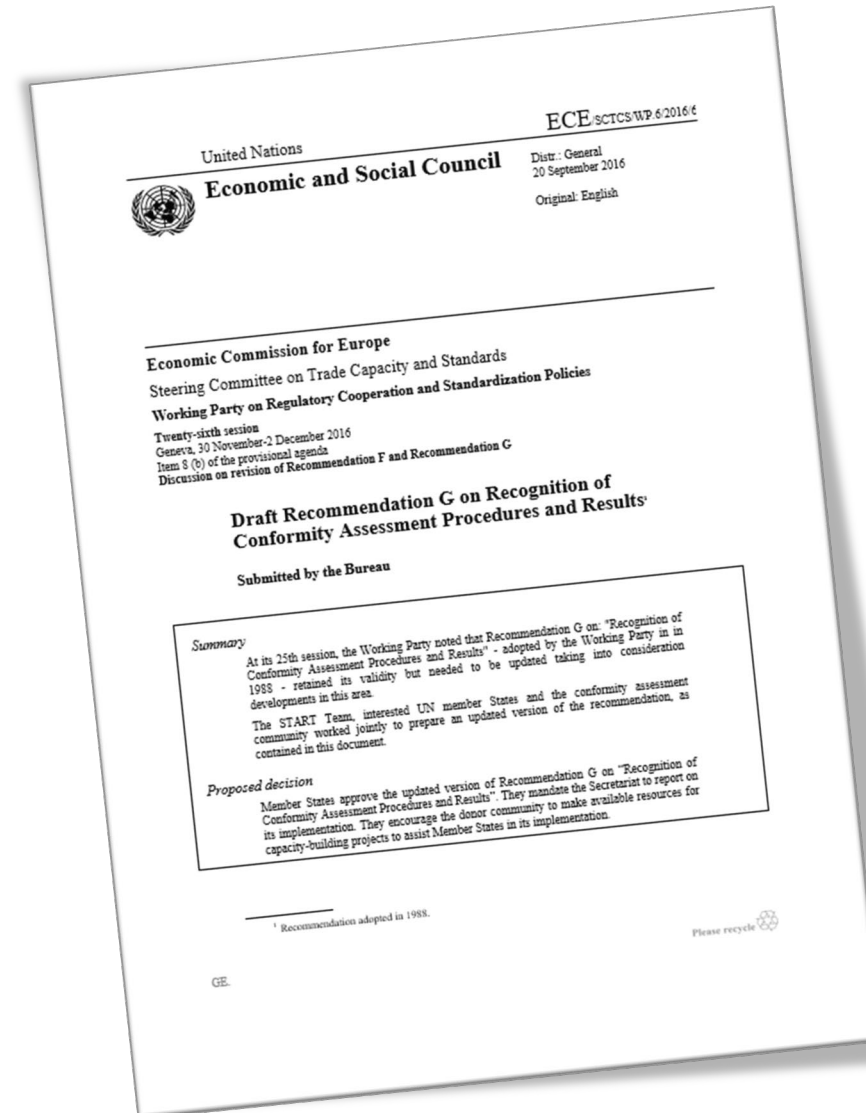
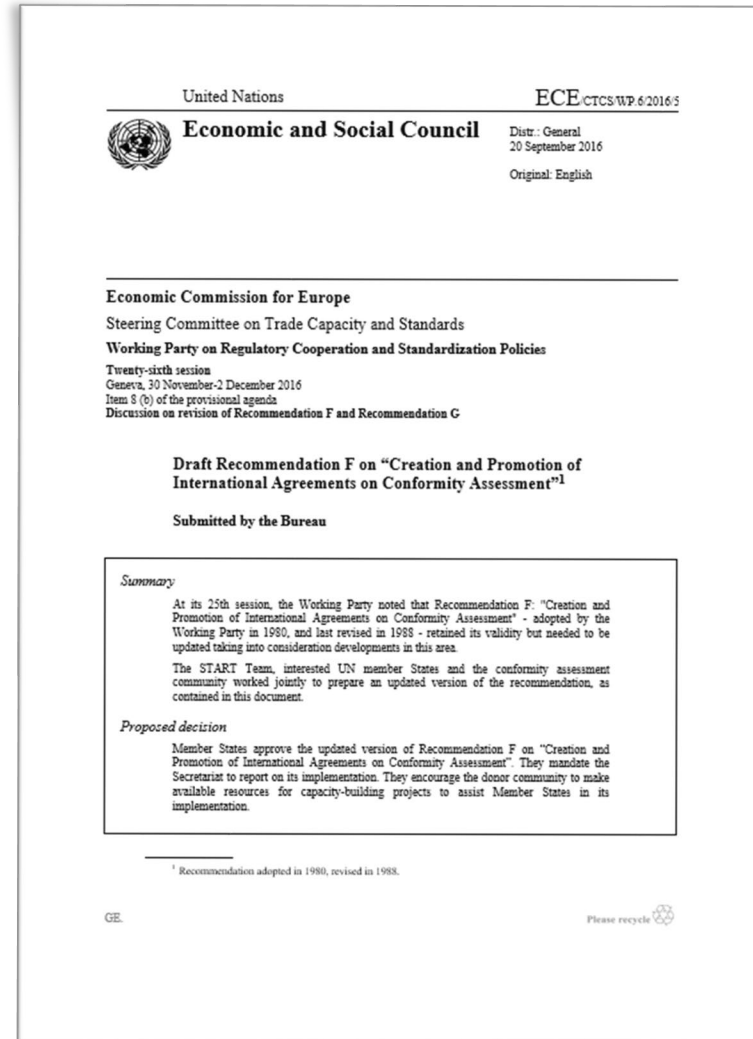
UNECE Steering  
Committee on Trade  
Capacity and Standards  
Geneva - 2015-09-01

**IEC** INTERNATIONAL  
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COMMISSION



# IEC assisted development and approval of UNECE Recommendations F & G

# 2016



IEC presented at the high-level conference  
for Albania and Moldova  
organized by UNECE

2016



**UNECE** - Steering Committee on Trade  
Capacity and Standards  
Removing regulatory and procedural barriers to  
trade in the ECE region  
Republic of Albania – Republic of Moldova  
Geneva 26 May 2016

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(CAB) Secretary [dha@iec.ch](mailto:dha@iec.ch)  
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COMMISSION



Collaboration with UNECE WP.6 to develop a  
UN CRO Cybersecurity (started 2017)

2017



**Generic methodology  
for a  
systems-approach  
to  
conformity assessment  
for cybersecurity  
as the basis for a  
UN CRO guidelines**

**David Hanlon**  
IEC Secretary of the  
Conformity Assessment  
Board

UNECE WP.6  
27<sup>th</sup> Annual Session  
International Regulatory Cooperation  
November 30<sup>th</sup> 2017, Geneva

**IEC** INTERNATIONAL  
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IEC presented at the high level conference  
for the Republic of Georgia  
organized by UNECE

2018



**UNECE - Steering Committee on Trade  
Capacity and Standards**  
**Removing regulatory and procedural barriers to  
trade in the ECE region**  
**Republic of Georgia**  
**Geneva 3 May 2018**

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Conformity Assessment Board  
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 INTERNATIONAL  
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Presented on the progress of development of the  
UN CRO Cybersecurity (continued through 2018)

2018



The image shows a presentation slide with a dark background. On the left, there is a graphic of a blue circuit board with a glowing keyhole in the center. A red diagonal watermark reads "Work in Progress". To the right of the graphic, the title "Draft proposal for a common regulatory framework on cybersecurity" is written in large, bold, yellow text. At the bottom, there is a white banner containing text and logos.

**Work in Progress**

**Draft proposal  
for a common  
regulatory  
framework on  
cybersecurity**

**David Hanlon**  
IEC Secretary of the  
Conformity Assessment  
Board

**UNECE WP.6**  
28<sup>th</sup> Annual Session  
International Regulatory Cooperation  
November 15<sup>th</sup> 2018, Geneva

**IEC** INTERNATIONAL  
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# IEC presented at the high level conference for Armenia organized by UNECE

# 2019



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UNECE CTCS  
Armenia  
2019-05-28

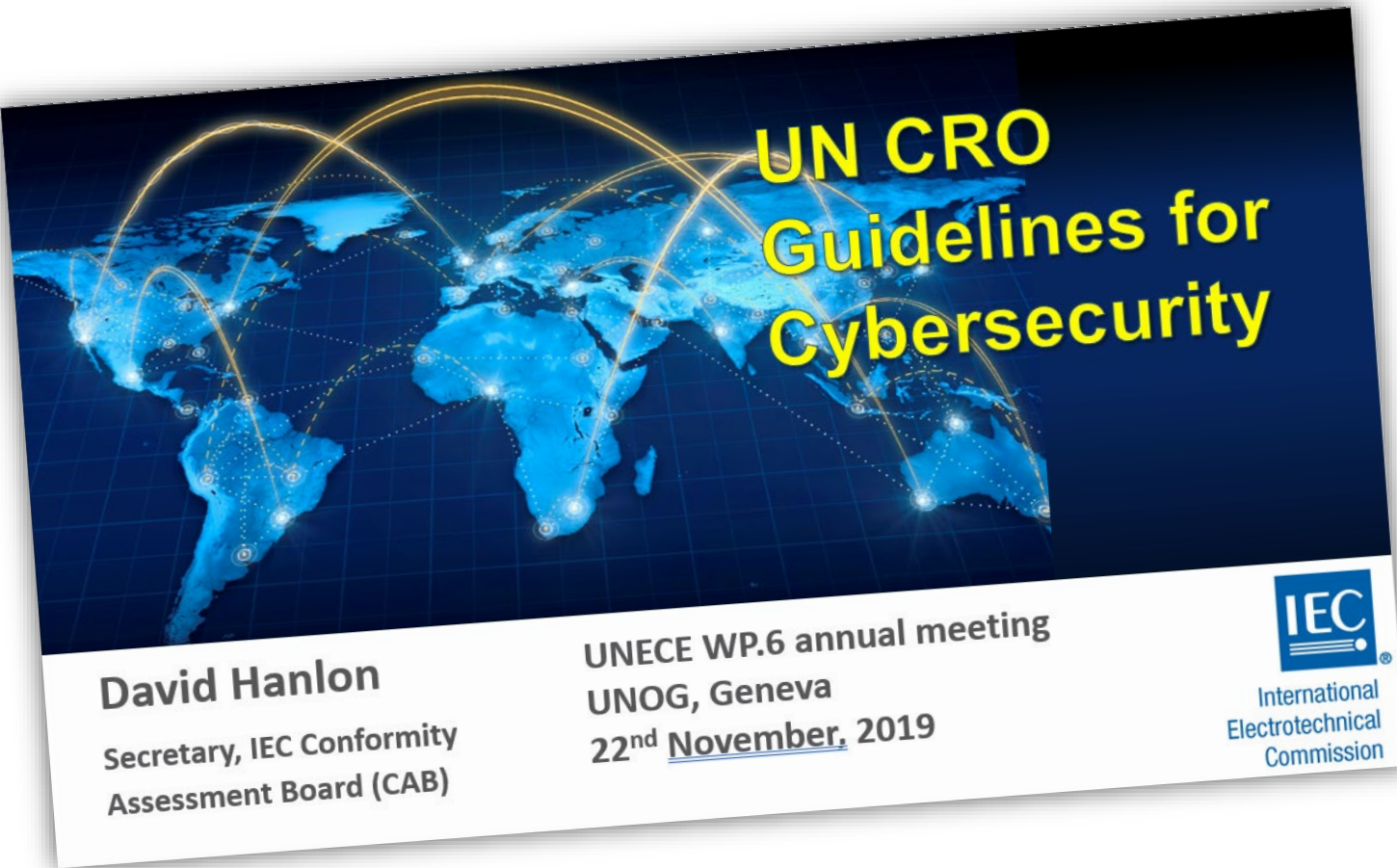


INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION



# Presented and received approval of the UN CRO Cybersecurity (approved 2019)

# 2019




**UN CRO  
Guidelines for  
Cybersecurity**

**David Hanlon**  
Secretary, IEC Conformity  
Assessment Board (CAB)

UNECE WP.6 annual meeting  
UNOG, Geneva  
22<sup>nd</sup> November, 2019

**IEC**  
International  
Electrotechnical  
Commission

United Nations ECE/CTCS/WP.6/2019/9

 **Economic and Social Council** Distr.: General  
11 September 2019  
Original: English

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**Economic Commission for Europe**  
Steering Committee on Trade Capacity and Standards  
**Working Party on Regulatory Cooperation  
and Standardization Policies (WP.6)**

Twenty-ninth session  
Geneva, 20–22 November 2019  
Item 10(b) of the provisional agenda  
International regulatory cooperation:  
Sectoral Projects

**Report on the sectoral initiative on cyber security**

Submitted by the secretariat

*Summary*

This document contains a proposal for a common regulatory framework on cybersecurity and is hereby submitted for decision by the Working Party.


*Proposed decision:*



“The Working Party adopts the proposal for a common regulatory framework as contained in this draft proposal”.

It requests that the proposal be published. It also requests the secretariat to continue to report on the progress of the initiative.

**I. Introduction**

1. At its twenty-seventh annual session, the Working Party approved the proposal for a new sectoral initiative on cybersecurity (Decision 21, ECE/CTCS/WP.6/2017/2).
2. Further to this decision, a partnership was established with the International Electrotechnical Commission (IEC) Conformity Assessment Board Working Group 17, and

GE.19-15565(E)  
  
\* 1 9 1 5 5 6 5 \*

Please recycle  

# Presented INetQI (founded 11 November 2018) at the UNECE WP.6 annual meeting

# 2019



**UNECE WP. 6 meeting**  
22 November 2019

David Hanlon  
IEC  
Conformity Assessment Board  
Secretary



## FOUNDING members

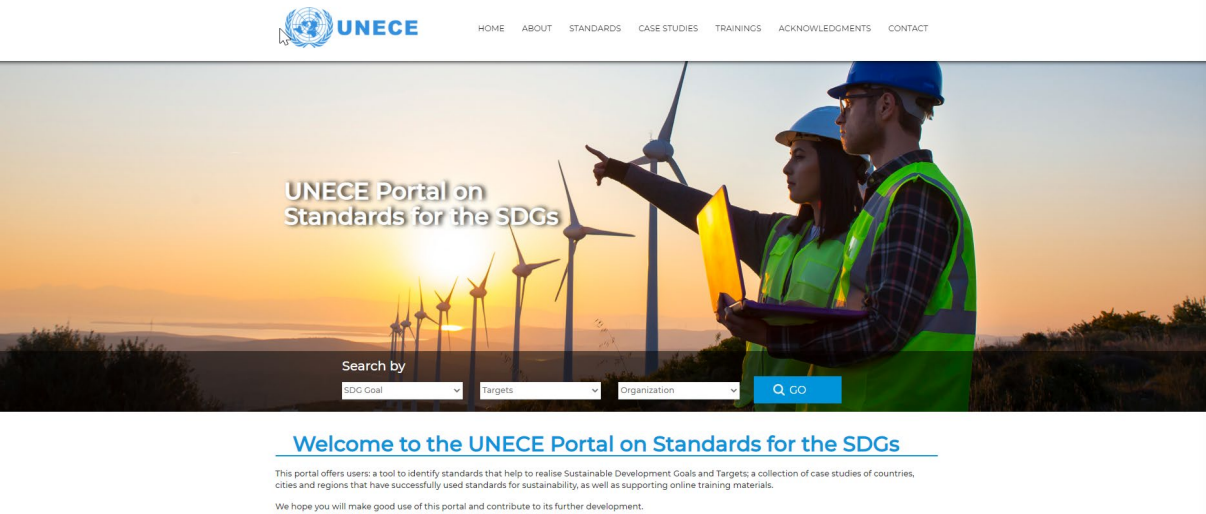
- Bureau International des Poids et Mesures (BIPM)
- International Accreditation Forum (IAF)
- International Electrotechnical Commission (IEC)
- International Laboratory Accreditation Cooperation (ILAC)
- International Organization for Legal Metrology (OIML)
- International Organization for Standardization (ISO)
- International Telecommunications Union (ITU)
- International Trade centre (ITC)
- United Nations Economic Commission for Europe (UNECE)
- United Nations Industrial Development Organization (UNIDO)
- World Bank Group (WBG)
- World Trade organization (WTO)





# 2019

# Contributed list of IEC International Standards for UNECE WP.6 SDG Portal



<https://standards4sdgs.unece.org/>



Gabriela Ehrlich  
IEC Global Head of Public  
Affairs & Advocacy

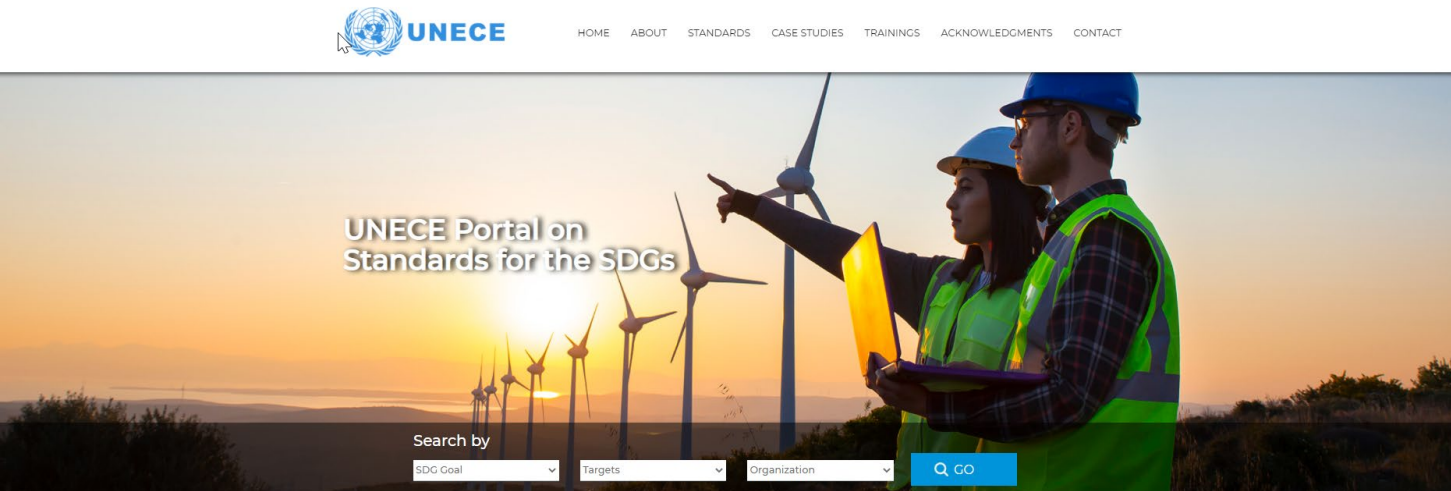
UNECE WP.6  
20 November 2019  
Geneva, Switzerland



# Contributed updated list of IEC International Standards for UNECE WP.6 SDG Portal

# 2021

## IEC SDG Portal



### Welcome to the UNECE Portal on Standards for the SDGs

This portal offers users: a tool to identify standards that help to realise Sustainable Development Goals and Targets; a collection of case studies of countries, cities and regions that have successfully used standards for sustainability, as well as supporting online training materials.


We hope you will make good use of this portal and contribute to its further development.

<p><b>1</b></p> <p>No poverty (Zero hunger)</p> <p>End poverty and hunger. Achieve food security and promote sustainable agriculture</p> <p>SDG 1 - 1 177 publications 208 projects</p> <p>SDG 2 - 898 publications 87 projects</p> <p><a href="#">Read more →</a></p>	<p><b>2</b></p> <p>Good health and well-being</p> <p>Ensure healthy lives and promote well-being for all</p> <p>1 917 publications 251 projects</p> <p><a href="#">Read more →</a></p>	<p><b>3</b></p> <p>Quality education</p> <p>Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p> <p>1 624 publications 254 projects</p> <p><a href="#">Read more →</a></p>	<p><b>4</b></p> <p>Gender equality</p> <p>Achieve gender equality and empower all women and girls</p> <p>1 189 publications 173 projects</p> <p><a href="#">Read more →</a></p>
<p><b>6</b></p> <p>Clean water and sanitation</p> <p>Ensure availability and sustainable management of water and sanitation for all</p> <p>770 publications 118 projects</p> <p><a href="#">Read more →</a></p>	<p><b>7</b></p> <p>Affordable and clean energy</p> <p>Ensure access to affordable, reliable, sustainable and modern energy for all</p> <p>2 744 publications 321 projects</p> <p><a href="#">Read more →</a></p>	<p><b>8</b></p> <p>Decent work and economic growth</p> <p>Promote inclusive and sustainable economic growth, full and productive employment and decent work for all</p> <p>2 000 publications 382 projects</p> <p><a href="#">Read more →</a></p>	<p><b>9</b></p> <p>Industry, Innovation and Infrastructure</p> <p>Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</p> <p>4 321 publications 948 projects</p> <p><a href="#">Read more →</a></p>
<p><b>10</b></p> <p>Reduced inequalities</p> <p>Reduce inequality within and among countries</p> <p>1 445 publications 197 projects</p> <p><a href="#">Read more →</a></p>	<p><b>11</b></p> <p>Sustainable cities and communities</p> <p>Make cities and human settlements inclusive, safe, resilient and sustainable</p> <p>2 170 publications 494 projects</p> <p><a href="#">Read more →</a></p>	<p><b>12</b></p> <p>Responsible consumption and production</p> <p>Ensure sustainable consumption and production patterns</p> <p>2 124 publications 394 projects</p> <p><a href="#">Read more →</a></p>	<p><b>13</b></p> <p>Climate action</p> <p>Take urgent action to combat climate change and its impacts</p> <p>1 789 publications 311 projects</p> <p><a href="#">Read more →</a></p>
<p><b>14</b></p> <p>Life below water</p> <p>Conserve and sustainably use oceans, seas and marine resources</p> <p>245 publications 59 projects</p> <p><a href="#">Read more →</a></p>	<p><b>15</b></p> <p>Life on land</p> <p>Promote sustainable use of terrestrial ecosystems, halt and reverse land degradation and biodiversity loss</p> <p>1 125 publications 180 projects</p> <p><a href="#">Read more →</a></p>	<p><b>16</b></p> <p>Peace, Justice and strong Institutions</p> <p>Promote peaceful and inclusive societies for sustainable development, provide access to justice for all, and build effective, accountable institutions at all levels</p> <p>954 publications 88 projects</p> <p><a href="#">Read more →</a></p>	<p><b>17</b></p> <p>Partnerships for the goals</p> <p>Strengthen the means of implementation and revitalize the global partnership for sustainable development</p> <p>2 051 publications 383 projects</p> <p><a href="#">Read more →</a></p>

[www.iec.ch/sdgs](http://www.iec.ch/sdgs)

Presented IEC & UNECE WP.6 a retrospective at  
UNECE WP.6 annual meeting

2021



**IEC &  
UNECE WP.6**  
creating value together  
a retrospective

**David Hanlon**  
Secretary, IEC Conformity  
Assessment Board (CAB)

UNECE WP.6 annual meeting  
UNOG, Geneva  
25<sup>th</sup> November, 2021

**IEC**  
International  
Electrotechnical  
Commission





**THANK YOU**

**David Hanlon**

Secretary, IEC Conformity  
Assessment Board (CAB)

UNECE WP.6 annual meeting  
UNOG, Geneva  
25<sup>th</sup> November, 2021



International  
Electrotechnical  
Commission