Scene setting and summary
As a world, we face significant challenges from increase in population as well as degradation of our environment coupled with reduction in ecosystem services and lack of availability of natural resources and increased pollution of our natural environment. New international agreements to tackle these challenges are demanding action from organisations, government and us while pushing us all towards a new era of sustainability. Against this backdrop organisation also need to stay flexible to adjust appropriately to new developments (additive manufacturing, increased robotics, 4th industrial revolution, artificial intelligence, etc.) while coping with increased uncertainty such as economic growth stagnating etc.

For many organisations, the questions are how do they: mitigate the environmental impacts from their operations / services?; adapt to all these changes in the environment and business?; meet the expectations embedded in the new international agreements?; and ensure the success of their products/services, support for their employees and neighbours while dealing with environmental challenges? TC 207 SC1 standards can help with these challenges. Our standards deal with environmental management in a systematic and holistic manner encouraging organisations to evaluate and reduce (mitigate) the consequences to the whole ecosystem from its activities not focusing on one environmental issue to the detriment of others. This includes looking at how the environment effects the organisation and hence what an organisation may need to consider in terms of adapting to changes in the surrounding environmental conditions. SC1 standards also encourage organisation to move away from end of pipe solution to consider reuse, recycling and eco-resource efficiency (circular economy) concepts.

For SC1 the challenges are to remain flexible and adaptable to changes; meet users’ needs; and manage uncertainty.

This business plan is based on an analysis of external and internal to ISO inputs in the context of SC1 where the SC1 context is defined by its scope, vision, mission, operating principles, its existing agreed work programme and its current standard portfolio whether published or under development / revision.

The external input was existing or emerging international agreements related to sustainability and environmental matters (UN Sustainable Development Goals, UNFCCC Paris Agreement 2015, UN Rio + 20 commitments, and UN Global Compact) as well as standard users’ expectations and internal input came from ISO strategy for 2016 to 2020 and TC207 business plan 2005.

In summary SC1 key focus for the next 5 years are:

A. **standard development**
   a. completing the standard developments already committed or planned;
   b. actively supporting the review and possible revision of ISO Directives Annex SL Appendix 2 and 3 to ensure the relevance of MSS going forward
   c. Initiating, when developed, work on material circulation / resource efficiency; which for SC1 will focus on ‘sustainable use of resources’ and consider as necessary support standards in relation to ISO 14007 / ISO 14008

B. **market understandings**
   a. ensuring SC1 standards meets market needs by conducting users’ surveys on a 5-yearly basis, including looking at how our standards meet users’ needs;
   b. looking at updating the ‘Future Challenges for EMS’ report considering changes in the last 6 years and to allow SC1 business plan to be updated based on outcome
c. looking at how SC1 can measure the success of its standards beyond data from the ISO surveys of accredited certifications

C. communication
  a. ensuring SC1 website and other communication methods become essential ‘go to’ sources of information for users of SC1 standards
  b. develop and actively manage a communication plan

D. SC1 governance matters
  a. maintaining and enhancing support for developing countries
  b. continuing to work with SC1 interested parties both NSB and liaisons
  c. continuing improve its processes to optimize use of resource and time usage
1. **Introduction**

ISO TC207 SC1 business plan has been developed based on external and internal inputs which have been considered in the context of SC1.

The approach is illustrated in figure below.

![Diagram](image)

SC1 context is defined by:
- its scope, vision, mission, operating principles
- how its standards are linked to its core standard ISO 14001
- its standard portfolio (existing, under development)
- planned work programme

The details are set out in Annex 1. SC1 scope was agreed in 1993 and revised in 2013. The SC1 vision and mission was originally approved in 2009 and amended in 2013. In 2016 the SC1 clarified how its standards support its core standard ISO 14001, this also serves as an evaluation tool for future SC1 work. Additionally, SC1 added Operating Principles to its overall Governance in 2016.

2. **Review of external and internal inputs**

The section analyses the external and ISO internal inputs, including relevant summaries and links, against SC1 context and provide recommendations for SC1. The recommendations from this section are reviewed in section 3 against SC1 resources and prioritised before a plan for next 5 years are set out in section 4.

The external input is existing or emerging international agreements related to sustainability and environmental matters (UN Sustainable Development Goals, UNFCCC Paris Agreement 2015, UN Rio + 20 commitments, and UN Global Compact) as well as standard users’ expectations and ISO internal input is from ISO strategy for 2016 to 2020 and TC207 business plan 2005.
2.1. Global environmental influences

UN Sustainable Development Goals (SDGs)

Analysis:

- Eight out 17 UN SDGs directly link to the focus of SC1 standard portfolio, such as those related to clean water and sanitation; affordable and clean energy; decent work and economic growth; industry, innovation and infrastructure; responsible consumption and production; climate action; life below water; and life on land.

- UN SDGs cover both mitigation of environmental impacts and adaptation to changes in the environment – both topics are covered by SC1 standard portfolio.

- Four out of 17 UN SDGs – while relating to human and social issues – are areas where SC1 standards by, among others, reducing harmful emissions reduces the impact on human health as exemplified by the goal on zero hunger and no poverty.

- UN SDGs covers some specific environmental topics which are covered by SC1 existing and planned standard portfolio. These include topics such as water management.

- Areas in relation to UN SDGs that are not well covered by SC1 standard portfolio include:
  - Ecosystem, biodiversity and natural resources which while mentioned in ISO 14001 are not necessarily seen as part of an organisation’s aspects, impacts and the environmental conditions.
  - Terms and language in UN SDG 9 related to industry, innovation and infrastructure specifically related to resource efficiency.
  - Terms and language in UN SDG 12 related to responsible consumption and production specifically related to efficient use of natural resources.
  - How environmental issues support social and human issues.
  - Education while SC1 standards (specifically ISO 14001) covers awareness that is not the same as education.

Recommendations for SC1 to:

- Communicate in more detail how its standards link with the topics of ecosystem, biodiversity and natural resources.
- Consider UN SDGs language and goals in detail in determining the topics for inclusion in ISO 14002, e.g. resource efficiency, efficient use of natural resource.
- Communicate how SC1 standards relate to UN SDG terms innovation, responsible consumption etc.
- Continue the development associated with material circulation / resource efficiency which for SC1 will focus on ‘sustainable use of resources’ to provide the focus on environmental matters which will link with UN SDG 9 and UN SDG 12 related to production and efficient use of natural resources. UN SDG 12 is also covered by ISO 14006.
- Communicate how SC1 standards can support human and social issues even if they are not directly mentioned.

Global world commitments – UNFCCC Paris Agreement 2015

Paris Agreement came into force in November 2016. In it countries agree to hold the global temperature increase due to increase in greenhouse gas (GHG) emissions, to below 2 °C, aiming at 1.5 °C. This commitment is realised through a commitment at national level to reduce national GHG emissions. Additionally, countries agreed to support action to adapt to the consequences of climate change. Most of the policy and regulatory framework associated with the Paris Agreement have yet to emerge and be agreed, it is anticipated this will occur in later 2018.
Achieving the Paris Agreement will require innovative approach and contributions from all be that individuals, NGO, organisations or government. Paris Agreement is both a challenge and an opportunity, it is likely to create business opportunities for organizations.

**Analysis** – The issue of GHG and climate change is embedded in SC1 standards as an example ISO 14001 covers GHG emission as part of aspects and impacts and the need to adapt to the effect of climate change as part of considering the effect on the organisation of environmental conditions. ISO 14001 deal with adapting to all environmental conditions for example loss of ecosystem services and biodiversity not due to climate change. ISO 14007 and ISO 14008 help organizations provide a ‘value’ and ‘determine the costs’ for the GHG they emit and to ‘determine the cost benefit’ to their organisation for any action they take to adapt to climate change (effect of the environment on the organization).

**Recommendation for SC1 to** – Improve communication on how:
- SC1 standard portfolio support climate challenges be that it relation to mitigation or adaptation;
- SC1 standard portfolio, by taking a holistic approach, avoids solutions to one problem negatively impact other environmental issues

**Global world commitments – Rio +20**
The United Nations Conference on Sustainable Development - or Rio+20 - took place in Rio de Janeiro, Brazil on 20-22 June 2012. The Conference adopted ground-breaking guidelines on green economy policies. Of relevance to ISO is clause 66 which states that:

> Recognizing the importance of linking financing, technology, capacity-building and national needs for sustainable development policies, including green economy in the context of sustainable development and poverty eradication, we invite the United Nations system, in cooperation with relevant donors and international organizations, to coordinate and provide information upon request on:
> (a) Matching interested countries with the partners that are best suited to provide requested support;
> (b) Toolboxes and/or best practices in applying policies on green economy in the context of sustainable development and poverty eradication at all levels;
> (c) Models or good examples of policies on green economy in the context of sustainable development and poverty eradication;
> (d) Methodologies for evaluation of policies on green economy in the context of sustainable development and poverty eradication;
> (e) Existing and emerging platforms that contribute in this regard.

**Analysis** – While the above green economy policies are aimed at countries in relation to item (b) above SC1 standards ISO 14007 and ISO 14008 provide a framework for how to determine cost benefits and how to value externalities in terms of environment.

**Recommendation for SC1 to** - review if additional communication is necessary on how SC1 standard portfolio support various key UN commitments (UN SDG; Global Compact; UNFCCC, Rio+20) beyond communication already identified elsewhere in this business plan.

**UN Global Compact** – relates to encouraging corporate sustainability which according to Global Compact ten principles’……starts with a company’s value system and a principled approach to doing
Business. This means operating in ways that, at a minimum, meet fundamental responsibilities in the areas of human rights, labour, environment and anti-corruption.

UN Global Compact ten principles include three principles related to environment, namely - Businesses should

- Principle 7: support a precautionary approach to environmental challenges;
- Principle 8: undertake initiatives to promote greater environmental responsibility; and
- Principle 9: encourage the development and diffusion of environmentally friendly technologies.

Analysis - The concept of precautionary approach is embedded in ISO 14001 as well as in SC1 other standards. Hence SC1 standard portfolio support organisations in demonstrating commitment to Principle 7 of UN Global Compact. SC1 standard portfolio supports in an indirect manner Principles 8 and 9 of the UN Global Compact.

Recommendation for SC1 to - clarify how SC1 standard portfolio support UN Global Compact Principle 8 (undertake initiatives to promote greater environmental responsibility) and Principle 9 (encourage the development and diffusion of environmentally friendly technologies).

2.2. ISO 14001 users’ views (2013)

The survey identified that organisations’ key focus is on:

a) prevention of pollution
b) eco-efficiency
c) implementing strategies for efficient use of resources, and for reducing waste and pollution, and life cycle thinking
d) identifying and evaluating environmental aspects related to the life cycle of products and services

Analysis - ISO 14001 deal with (a) and ISO 14002 will tackle (d), ISO 14001 deal with (c) and the work on evaluating strategic and monetary (financial) consequences will further support organisation in relation to (c). There is currently no direct link to eco-efficiency (b).

Recommendations for SC1 to:

- consider standard development related to material circulation. The term could also be described as part of circular economy beyond what is in ISO 14006, while not repeating work in ISO 14045 Eco-efficiency assessment of product systems -- Principles, requirements and guidelines.
- consider additional supporting work around evaluating strategic and monetary (financial) consequences.

2.3. ISO overall strategy 2016 – 2020

The ISO strategy states that ISO will “Develop high-quality standards through ISO’s global membership”, by:

- ensuring we effectively “Engage stakeholders and partners”
- strong foundation in “People and organization development”
- effective “Use of technology”
- focus on “Communication”
- ultimate objective of “ISO standards used everywhere”.
Analysis – Overall SC1 vision reflects ISO strategy aims and this business plan support ISO strategy (2016 – 2020) in terms of SC1 plans related to:

- External links and liaison
- Supporting Developing Countries
- Communication and promotion
- Process improvement – how do we get more done with less resources

Recommendation for SC1 to:

- conduct regular user survey in line with approach used for the 2013 survey to gather users’ views – the plan would be to do a survey about every five years;
- continue to use its website as it main mean of communication with users of its standards (not just NSB and liaisons);
- look at how it can measure the success of its standards beyond data from the ISO surveys of accredited certifications
- continue to work actively with developing countries to support them in relation to SC1 standards and within the approach suitable for SC1 resources

2.4. TC207 business plan and scope

The 2005 Business Plan defines the current focus of ISO/TC 207 to:

1. Ensure that ISO TC 207 is aware of relevant international policy developments and trends within its scope
2. Ensure that market needs are served
3. Ensure global participation in the development, revision, acceptance and use of the ISO 14000 standards
4. Ensure the continual relevance and quality of ISO/TC 207’s standards
5. Protect the brand and the integrity of the usage of the ISO 14000 series standards
6. Ensure the compatibility of ISO 14001 with other management system standards (MSS).

Analysis - SC1 business plan support the TC 207 business plan in its evaluation of external input considering SC1 context which deals with item (i) in TC 207 business plan. Recommendations under ISO Strategy 2016 – 2020 supports TC207 business plan as follows:

- conduct regular user survey in line with approach used for the 2013 survey to gather users’ views – the plan would be to do a survey about every five years – deals with TC 207 BP item (ii) and (iv);
- maintain and enhances its support for developing countries - deals with TC 207 BP item (iii);
- continue to work with its interested parties both NSB and liaisons - deals with TC 207 BP item (iii);
- ensure its website and other communication methods become essential ‘go to’ sources of information for users of SC1 standards - deals with TC 207 BP item (v);

SC1 standard ISO 14001 is linked to many of TC207 standards as exemplified by Annex 3.

Recommendations for SC1 to: in addition to those recommendations mentioned above under ISO strategy 2016 – 2020:

- actively support the review and possible revision of Annex SL Appendix 2 and 3 to ensure the relevance of MSS going forward - deals with TC 207 BP item (vi);
2.5. **Future challenges for EMS report 2010**

The report detailed eleven themes relevant for future environmental management systems, namely:

- “being part of sustainability and social responsibility”
- include (improvement of) environmental performance
- include compliance with legal and other external requirements
- link to overall (strategic) business management
- linking to conformity assessment
- facilitating uptake in small organizations
- considering environmental impacts in the value/supply chain
- consider engaging stakeholders
- managing parallel or sub systems (Greenhouse Gas, energy)
- reflecting external communication (including product information)
- being part of (inter)national policy agendas”

**Analysis** – most of the above points are covered by SC1 standard portfolio however the matter related to business management and how ISO 14001 supports individual environmental aspects / impacts is not well communicated.

However, the last six years have provided significant changes in relation to environmental management from much closer link to business management, sustainable management and recognition of the economic/social impact/risks arising from environmental conditions. Hence it may be necessary for SC1 to consider updating the ‘Future Challenges for EMS’ report to better frame the SC1 business plan.

**Recommendation for SC1 to:**

- discuss a possible update of the ‘Future Challenges for EMS’ report considering changes in the last 6 years and to allow this business plan to be updated based on outcome
- develop communication tools to highlight how SC1 standard portfolio:
  - supports business management using business language;
  - is useful for managing individual environmental aspects/ impact or effects of the environment on an organisation.

3. **Review of SC1 work programme and any gaps with external and internal input**

   Given that SC1 and its NSB and liaison members are resource constraint it is essential to evaluate the recommendations in section 2. The recommendations in section 2 have been considered against the currently planned SC1 work programme and importance assigned. Annex 2 sets out the evaluation of the recommendations made in section 2.

4. **Detailed plan going forward**

   Based on the analysis in section 2 and 3 the following key focus areas have been developed applicable to the next 5 years. They are based on the importance level assigned in the table in Annex 2 (priority and medium).
The key focus areas have been grouped to reflect work related to:

A. standard development
B. market understandings
C. communication
D. SC1 governance matters such as links with developing countries, process improvement etc.

A. Standard development next 5 years
In terms of standard development work SC1 will:

a. complete effectively and successfully the standard development already committed or planned for specifically ISO 14002, ISO 14007, ISO 14008 and the revisions of ISO 14005 and ISO 14006
b. initiate, when developed and if approved in a NWIP ballot, work on material circulation/resource efficiency; which for SC1 will focus on ‘sustainable use of resources’ to provide the focus on environmental matters which will link with UN SDG 9 and UN SDG 12 related to production and efficient use of natural resources. Note UN SDG 12 is also covered by ISO 14006.
c. consider, as necessary, supporting standards in relation to ISO 14007 / ISO 14008. Note such standards would have to be approved by SC1 in NWIP ballot
d. actively support the review and possible revision of Annex SL Appendix 2 and 3 to ensure the relevance of MSS going forward

B. Market understanding

a. Users’ needs – to ensure SC1 standards continue to meet market needs and remain relevant SC1 will regularly (about every 5 years) conduct users’ surveys using the methodology used for the continual improvement survey 2013. The next discussion on user survey is scheduled for 2017 to allow a survey to be initiated in 2018 which would be three years after the publication of ISO 14001:2015. The users’ surveys will look at how SC1 standards meet users’ needs;
b. EMS future challenges - update the ‘Future Challenges for EMS’ report considering changes in the last 6 years and to allow SC1 business plan to be updated based on outcome;
c. Measure success of SC1 standards - look at how SC1 can measure the success of its standards beyond data from the ISO surveys of accredited certifications – to be discussed at SC1 plenary 2017

C. Communication and promotion
SC1 aim is that its website and other communication methods become essential ‘go to’ sources of information for users of SC1 standards be they individuals, organizations, NGO or public bodies. As well SC1 intends for its website to communicate how SC1 standards support the relevant and main UN commitments (UN SDG, UN Global Compacts, UNFCCC etc.).

For next 5 years SC1 plans ensure SC1 website and other communication methods become essential ‘go to’ sources of information for users of SC1 standards to and to develop a communication plan based on actions identified in this business plan, to include:

i. how, in more detail, SC1 standards link with the UN topics of ecosystem services, biodiversity and natural resources;
ii. improve communication on how:
   • SC1 standard portfolio support climate challenges be they relation to mitigation or adaptation
   • SC1 standard portfolio, by taking a holistic approach, avoids solutions to one problem negatively impacting other environmental issues

iii. develop tools to highlight how SC1 standard portfolio:
   • supports business management using business language
   • is useful for managing individual environmental aspects/ impact or effects of the environment on an organisation.

iv. how SC1 standard language and portfolio and UN SDG terms innovation, resource efficiency, responsible consumption, efficient use of natural resource

v. how SC1 standard portfolio support UN Global Compact Principles 8 ‘undertake initiatives to promote greater environmental responsibility’ and Principle 9 ‘encourage the development and diffusion of environmentally friendly technologies’

vi. if additional communication is necessary, communicate on how SC1 standard portfolio support relevant key UN commitments (UN SDG; Global Compact; UNFCCC, Rio+20) beyond communication already identified elsewhere in the SC1 business plan

vii. how SC1 standard portfolio may support human and social issues even if they are not directly mentioned.

D. SC1 Governance

i. Supporting Developing Countries
   SC1 has consistently demonstrated its support for Developing Countries specifically in terms of providing support material, workshops at TC plenaries etc. on relevant developments in relation to SC1 standards and to provide the tools to allow developing country members to rerun to their home country and present the same information there.
   SC1 will maintain and enhance its support for developing countries especially in relation to some of the new standards being developed in the SC1 portfolio.

ii. External links and liaison
   SC1 recognize the valuable input from its stakeholder and celebrate the fact that we have one of the largest representations of NSB on the committee and active liaison organizations. Going forward SC1 will:
   a. continue to listen to and work closely with its NSB community
   b. enhance its work with key liaisons to ensure SC1 is aware of developments occurring outside the standard world
   c. review its liaisons for relevance to SC1 standard portfolio and encourage new liaison organisation to join as the work develops

iii. Process improvement – how do we get more done with less resources
   As the world becomes increasingly more connected and Sc1 needs to more flexible to deal with this an increased uncertainty SC1 will actively work towards:
   a. explore faster standard development processes
   b. better uses of WebEx and other virtual meeting tools
   c. develop an SC1 guide for combining face to face and WebEx meetings to enhance the contribution by all parties
   d. explore issues such as virtual WG meetings and even virtual plenaries

5. Review of this plan
   SC1 intends to review its business plan on a 5-yearly basis or as and when necessary
Annex 1 – SC1 context

**SC1 Scope**  
Standardization in the field of environmental management systems to support the achievement of sustainability

**SC1 Mission Statement**  
Develop and maintain standards in the field of environmental management systems that meet stakeholder needs, are market based and support sustainability.

**SC1 Vision Statement**
- We are recognized as the world leader in the development of environmental management system standards that supports sustainability.
- Our standards are recognized nationally and internationally by users and other stakeholders as the EMS standards of choice.

**SC1 Operating Principles** (agreed in 2016)  
As far as possible, SC1 will apply the following standard operating principles:

I. The TC 207/SC 1 portfolio should consist of a set of compatible and aligned standards and guidelines that provide added value for organizations in their pursuit of improving environmental performance

II. All new work item proposals will demonstrate a clear connection to our scope (i.e. standards to the field of environmental management systems to support the achievement of sustainability) as well as how the proposed standard can be applied in the ISO 14001 framework.

III. New work item proposals will be considered against a forward-looking programme of priorities

IV. Each standard we develop or revise will be able to be used as a standalone document that does preferably not require revision because of another standard in our portfolio being revised

**SC1 Work Programme** focus is on its core standard ISO 14001 and four key components to support users of ISO 14001, in relation to:

a) overall understanding and implementation as exemplified by ISO 14004 or SME/staged implementation as in ISO 14005

b) evaluating consequences of environmental aspects as exemplified by ISO 14002-1 and its other parts

c) policy and organizational elements such as those related to ‘sustainable use of resources’ as exemplified by ISO 14006 and ISO 14009 NWIP with parts related to eco-design; material circulation;

   Note 1 - the term ‘element’ comes from Annex SP the Environmental Policy Annex in ISO Directives, which uses aspect, element and sector as terms

d) evaluating strategic and monetary (financial) consequences as exemplified by ISO 14007 and ISO 14008

The diagram below illustrates these links
SC1 standard portfolio – ‘plug into’ SC1 core standard ISO 14001

ISO 14004
Overall understanding & implementation

ISO 14005

ISO 14006
‘eco-design’

ISO 14007
Evaluating strategic and monetary consequences

ISO 14008
Policy and organizational elements

ISO 14009
‘material circulation’

ISO 14001 – is our core
Evaluating consequences of environmental aspects

ISO 14002-1 General

ISO 14002-water
Sustainable use of resource

ISO 14002-waste
Annex 2- evaluation of recommendations taking SC1 commitments into account

SC1 is resource constraint.

Note it was agreed at the 2016 plenary that building SC1 website should be finalise in early 2017 reducing time spent on building website and focus on communicating about standard development, news etc.

SC1 standard portfolio at present comprises the following:

- ISO 14001 - Environmental management systems -- Requirements with guidance for use
- ISO 14004 - Environmental management systems -- General guidelines on implementation
- Under development / revision:
  - ISO 14002 - Guidelines applying the ISO 14001 framework to environmental aspects and environmental conditions by environmental topic areas
  - ISO 14007 - Environmental management systems - Guidelines on determining environmental costs and benefits
  - ISO 14008 - Monetary valuation of environmental impacts and related environmental aspects -- Principles, requirements and guidelines
  - ISO 14005 - Environmental management systems -- Guidelines for the phased implementation of an environmental management system, including the use of environmental performance evaluation
  - ISO 14006 - Environmental management systems -- Guidelines for incorporating ecodesign

SC1 actively support developments in TMB TAG 13 JTCG and the review and possible revision of ISO Directives Annex SL Appendix 2 and 3, as well as TMB TF7 CCC, CASCO CPC and IAF (including IAF APG).

Given that SC1 is resource constraint it is essential to evaluate the recommendations in section 2. Those recommendations have been considered against the currently planned SC1 work programme (see annex 1) and importance assigned. Three importance levels have been assigned as follows:

- Priority – matter that is in the SC1 workplan or which is a communication element related to an international global agreement
- Medium – matters that has been discussed and progressed in relation to SC1 work programme but still must be formally voted on or relate to how SC1 can measure its success
- Low – all other recommendations

The table below sets out the analysis result.
<table>
<thead>
<tr>
<th>Recommendation from section 2 - analysis</th>
<th>Link to existing / planned work programme Possible action</th>
<th>Importance</th>
</tr>
</thead>
<tbody>
<tr>
<td>communicate in more detail how SC1 standards link with the topics of ecosystem services, biodiversity and natural resources</td>
<td>Likely to be met by committed work on ISO 14002 AGCE – add to communication action plan</td>
<td>Priority</td>
</tr>
<tr>
<td>communicate how SC1 standard language and portfolio link to UN SDG terms innovation, resource efficiency, responsible consumption, efficient use of natural resource</td>
<td>Not in current plans AGCE – add to communication action plan</td>
<td>Medium</td>
</tr>
<tr>
<td>consider UN SDGs language and goals when determining the topics for inclusion in ISO 14002</td>
<td>Part of AHG on ISO 14002 considerations AGCE – add to communication action plan</td>
<td>Priority</td>
</tr>
<tr>
<td>continue the development associated with material circulation /resource efficiency which for SC1 will focus on ‘sustainable use of resources’ to provide the focus on environmental matters which will link with UN SDG 9 and UN SDG 12 related to production and efficient use of natural resources. Note UN SDG 12 is also covered by ISO 14006</td>
<td>In work plan based on discussion at 2016 plenary but still subject to further work and approval by SC1</td>
<td>Medium</td>
</tr>
<tr>
<td>communicate how SC1 standard portfolio can support human and social issues even if they are not directly mentioned.</td>
<td>Not in current plans AGCE – add to communication action plan</td>
<td>Low</td>
</tr>
<tr>
<td>improve communication on how:</td>
<td>Some work done but not completed. Not in any current plans AGCE – add to communication action plan</td>
<td>Priority</td>
</tr>
<tr>
<td>• SC1 standard portfolio support climate challenges be they relation to mitigation or adaptation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• SC1 standard portfolio, by taking a holistic approach, avoids solutions to one problem negatively impacting other environmental issues</td>
<td></td>
<td></td>
</tr>
<tr>
<td>review if additional communication is necessary on how SC1 standard portfolio support relevant key UN commitments (UN SDG; Global Compact; UNFCCC, Rio+20) beyond communication already identified elsewhere in this business plan</td>
<td>Not in current plans AGCE – add to communication action plan</td>
<td>Low</td>
</tr>
<tr>
<td>communicate how SC1 standard portfolio support UN Global Compact Principles 8 ‘undertake initiatives to promote greater environmental responsibility’ and Principle 9 ‘encourage the development and diffusion of environmentally friendly technologies’</td>
<td>Not in current plans AGCE – add to communication action plan</td>
<td>Low</td>
</tr>
<tr>
<td>Recommendation from section 2 - analysis</td>
<td>Link to existing / planned work programme Possible action</td>
<td>Importance</td>
</tr>
<tr>
<td>----------------------------------------</td>
<td>--------------------------------------------------------</td>
<td>------------</td>
</tr>
<tr>
<td>consider additional supporting work around evaluating strategic and monetary (financial) consequences.</td>
<td>Not in current work programme or on AGCE communication action list. For review by WG 7 in due course</td>
<td>Medium</td>
</tr>
<tr>
<td>continue to use SC1 website as it main mean of communication with users of its standards (not just NSB and liaisons)</td>
<td>Part of AGCE terms of reference</td>
<td>Priority</td>
</tr>
<tr>
<td>conduct regular user survey in line with approach used for the 2013 survey to gather users’ views – the aim would be to do a survey about every five years</td>
<td>Not in current work programme or on SC1 action list On agenda for SC1 plenary 2017 to review</td>
<td>Priority</td>
</tr>
<tr>
<td>update of the ‘Future Challenges for EMS’ report considering changes in the last 6 years and to allow SC1 business plan to be updated based on outcomes</td>
<td>Not in current SC1 work programme On agenda for SC1 plenary 2017 to review</td>
<td>Priority</td>
</tr>
<tr>
<td>look at how SC1 can measure the success of its standards beyond data from the ISO surveys of accredited certifications</td>
<td>Not in current work programme or on SC1 action list. On agenda for SC1 plenary 2017</td>
<td>Medium</td>
</tr>
<tr>
<td>continue to work actively with developing countries to support them in relation to SC1 standards using an approach suitable for SC1 resources</td>
<td>Vice chair responsibility to support and manage this</td>
<td>Priority</td>
</tr>
<tr>
<td>continue to work with SC1 interested parties both NSB and liaisons</td>
<td>Part of SC1 operating approach</td>
<td>Priority</td>
</tr>
<tr>
<td>actively support the review and possible revision of Annex SL Appendix 2 and 3 to ensure the relevance of MSS going forward</td>
<td>In SC1 work programme</td>
<td>Priority</td>
</tr>
<tr>
<td>develop communication tools to highlight how SC1 standard portfolio supports business management using business language and how SC1 standards are useful for managing individual environmental aspects/ impact or effects of the environment on an organisation.</td>
<td>Not in current work programme. Been considered by AGCE AGCE – add to communication action plan</td>
<td>Priority</td>
</tr>
</tbody>
</table>
Annex 3 – Example of standards in TC207 portfolio that can support organisation’s implementing ISO 14001 and climate change how ISO 14001 supports organisations
ISO 14001:2015 and climate change

4.1 - Understanding the organisation and its context
"...determine external and internal issues that are relevant to its purpose and that affect its ability to achieve the intended outcomes of its environmental management system. Such issues shall include environmental conditions being affected by or capable of affecting the organization..."

4.4 - Environmental management system
"...To achieve its intended outcomes, including enhancing its environmental performance, the organization shall establish, implement, maintain and continually improve an environmental management system ...

6.1 Actions to address risks and opportunities
"...determine the risks and opportunities, related to its environmental aspects, compliance obligations and other issues and requirements...

Understand GHG emissions
- Environmental aspects
- Compliance obligations

Mitigate climate change e.g.
- Risk of failing to meet reduction objectives
- Risk of interested party's demands
- Risk of regulation

Adapt to climate change e.g.
- Risk due to environmental conditions e.g. water shortage, flooding, soil erosion etc.
- Risk related to organisations activities e.g. resource shortages, logistic challenges; supply chain challenges

Other ‘risk and opportunities’ including environmental aspects and conditions

Act
Plan
Check
Do