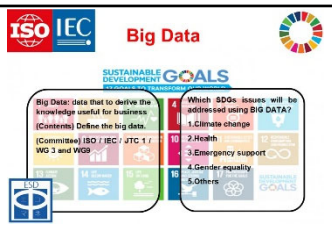
Save the World　HOW TO PLAY

1 Training and classes

The purpose is to propose strategies for SDGs and Smart society as a team.

SDGs Card Smart Card	Left→Standards Right→Quiz		100 Points
Almighty Card	Left→Standards Right→Quiz Can be put out anytime		200 Points

Game flow

1. Play as one team. Organize two or more groups and choose an industry.
2. Organize SDGs cards and smart cards with individual goals.
3. Coin toss of first and second between Groups A and BSaSA .
4. First team: Choose the most relevant card for among cards of SDGs goal 1　No Poverty.
5. Learn cards and discuss the suitable answer of the quiz within 2 minutes.
6. Continue explaining until your opponent is satisfied. Consensus is important. If the opponent is satisfied with the answer, you can get 100 points.
7. Second team: choose cards of SDGs goal 2 Zero Hunger and play according to procedure shown in 4-6.
8. Respond to 17 goals of the SDGs while changing the answer
9. Discuss one almighty card as a team to earn 200 points
10. The team with the most points wins after the discussion of SDGs goals in all fields

Workshop to visualize the learning results.

1. Brainstorming for 5 minutes

   Everyone silently writes down ideas. Each idea goes on a separate note. By utilizing the knowledge that you get in the game, describing the contents that you want to implement in the next five years in the department that you belong to.

2. Sharing ideas for 2 minutes

   Players take turns sharing and posting their ideas to the group space

3. Grouping or Clustering: 5 minutes

   Working together, the team makes similar ideas or concepts. Each group then gets named with a single or short phrases that best captures the core concept underling the ideas in the group

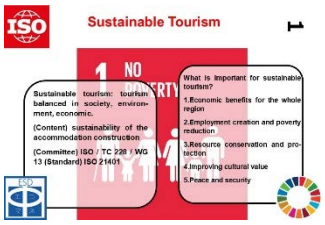
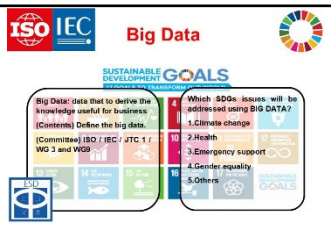
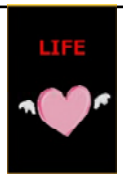
4. Summarize ideas from group and prepare for presentation 3 minutes
5. Each group presents for 3 minutes
6. Reflect results when drafting SDGs plan of your organization

2 Events for Kids

Purpose
The purpose is to learn about the SDGs and super-smart society while playing, and to foster the burden of a sustainable society.
It is a group game. Reduce the number of cards you have by taking out the dealt cards from a small number, * Players should not consult*
The number of life cards will be reduced if the player fails to put down a cards in ascending order. The game ends when the number of life cards reaches zero. The person with the most points at the end win,s

Game flow

1 Each player choose the industry.
2 Start from Level 1 (Level 1 has 1 card, Level 2 has 2 cards, Level 3 has 3 cards) ..
3 Players take out the cards they have and answer the quiz of the cards each time.
4 After completing level 1, move to level 2 (acquire 1000P for level 1 clear, 2000P for level 2 clear, 3000P for level 3 clear

SDGs Card Smart Card	Left→Standards Right→Quiz		100 Points
Almighty Card	Left→Standards Right→Quiz Can be put out anytime		200 Points
Life Card	Player's life Game over when gone		

Sustainable Tourism

1

Sustainable tourism: tourism balanced in society, environment, economic.

(Content) sustainability of the accommodation construction

(Committee) ISO / TC 228 / WG 13 (Standard) ISO 21401

What is important for sustainable tourism?

1.Economic benefits for the whole region

2.Employment creation and poverty reduction

3.Resource conservation and protection

4.Improving cultural value

5.Peace and security

Sustainable Finance

2

Sustainable Finance: finance balanced in economic, environment, society.

(Content) Guideline

(Committee) ISO / TC 322

What is the most important thing to support from investors?

1 Environment

2 Society

3 Governance

Sustainable Community

3

Community: group of people with an arrangement of responsibilities, activities and relationships.

(Content) Requirements

(Committee) ISO / TC 268 (Standard) ISO 37101

What is important about community sustainability?

1.Toughness

2.Quality of life

3.Environment

4.Other

Food Safety Management System

4

Food safety: assurance that food will not cause adverse effect for the consumer.

(Content) Requirements

(Committee) ISO / TC 34 / SC 17 (Standard) ISO 22000

What is important in food safety and hygiene?

1Traceability

2 Emergency response

3 Recognition education

4 Other

Fishery and Aquaculture

5

(Content) This stipulates how to calculate the rate of forbidden fishing and catching

(Committee) ISO / TC 234

(Standard) ISO 16566

What is important in food production management?

1.Sustainable use of resources

2.Improvement of productivity

3.Other

Accessible Design

6

Accessible design: design focused on diverse users to maximize the number of potential users who can readily use a system in diverse contexts .

(Content) Packaging requirements

(Committee) ISO / TC 122

(Standard) ISO 11156

Choose from a selection of products that incorporate accessible design

1 .Milk pack

2 .PET

3 .Cup

Personal Care Robots

7

Personal Care Robots: Service robots that contribute to improving the quality of life of human.

(Content) Safety requirements

(Committee) ISO / TC 299

(Standard) ISO 13482

What is important in ensuring robot safety?

1.Safety design

2.Safety protection (guards and emergency buttons)

3.Provision of information on use (limitation, etc.)

Healthcare for an Aging Society

8

(Content) This defines the concept of healthcare for an aging society.

(Committee) ISO / TC 314

(Standard) IWA16

How do you respond to the aging society?

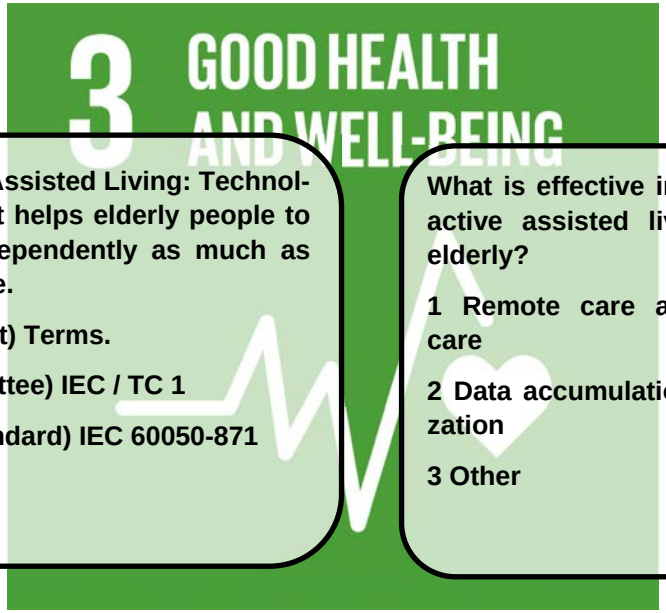
1. Nursing care support

2.Health promotion

3.Other

Active Assisted Living

9



Active Assisted Living: Technology that helps elderly people to live independently as much as possible.

(Content) Terms.

(Committee) IEC / TC 1

(Standard) IEC 60050-871

What is effective in promoting active assisted living of the elderly?

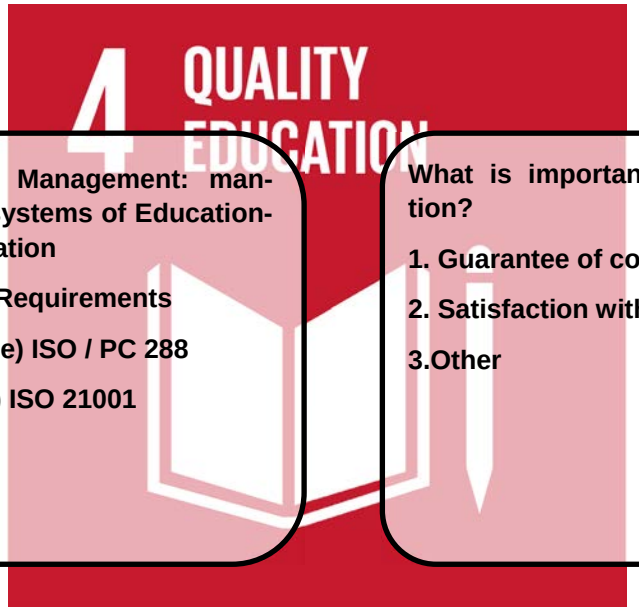
1 Remote care and medical care

2 Data accumulation and utilization

3 Other

Education Management

10



Education Management: management systems of Educational organization

(Content) Requirements

(Committee) ISO / PC 288

(Standard) ISO 21001

What is important in education?

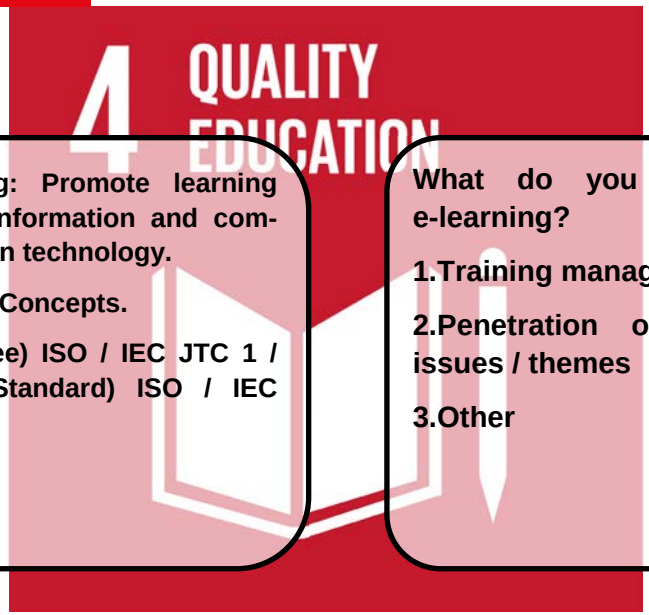
1. Guarantee of competence

2. Satisfaction with learning

3.Other

e-Learning

11



e-Learning: Promote learning through information and communication technology.

(Content) Concepts.

(Committee) ISO / IEC JTC 1 / SC 36 (Standard) ISO / IEC 24751

What do you do with e-learning?

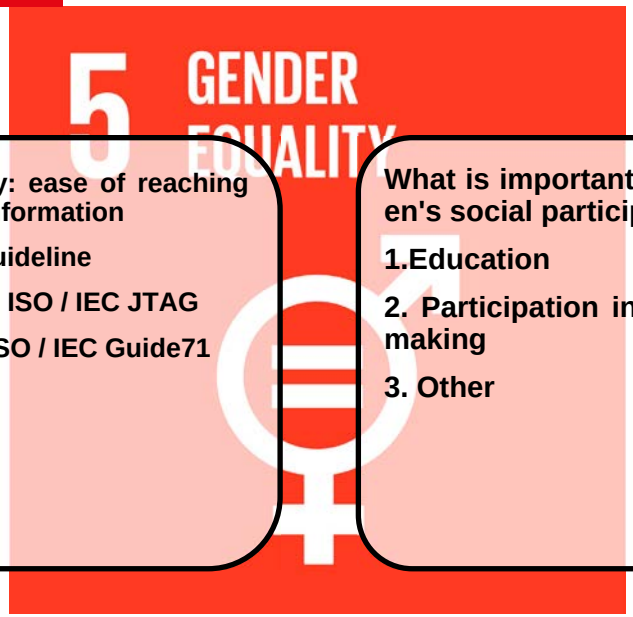
1.Training management

2.Penetration of internal issues / themes

3.Other

Accessibility

12



Accessibility: ease of reaching and using information

(Content) Guideline

(Committee) ISO / IEC JTAG

(Standard) ISO / IEC Guide71

What is important for women's social participation?

1.Education

2. Participation in decision making

3. Other

Water Quality

13

(Content) This defines terms used in water quality

(Committee) ISO / TC147

(Standard) ISO6107

What is important to ensure water safety?

1 Water quality inspection

2 Water quality management

3 Other

Water Footprint

14

Water Footprint: metric(s) that quantifies the potential environmental impacts related to water

(Content) Calculation method.

(Committee) ISO / TC 207 / SC 5 / WG 8 (Standard) ISO 14046

What is important in water management?

1 Understanding the amount of water used from raw materials to recycling

2 Impact assessment of water resource depletion and water pollution

3 Other

Water Supply / Drainage System

15

Water supply system: Waterworks Wastewater system: Sewer

(Content) Guideline

(Committee) ISO / TC 224

(Standard) ISO 24516

What do you do to reduce the use of water?

1 Water saving

2 Reuse

3 Other

Energy Management

16

Energy management: Control of energy

(Content) Requirements

(Committee) ISO / TC 301

(Standard) ISO 50001

What is important in managing energy?

1 Energy creation

2 Energy saving

3 Energy storage

Energy Conservation

17

Energy conservation: reducing the use of energy

(Content) Calculation method

(Committee) ISO / TC 301

(Standard) ISO 17743

What will you do to achieve an energy-saving ?

1 Change of equipment

2 Promotion of energy-saving activities

3 Other

Occupational Health and Safety Management System

18

Occupational health and safety: Health and safety in the work-place

(Content) Requirements

(Committee) ISO / TC 283

(Standard) ISO 45001

What is the most important thing about occupational safety and health?

1 Labor

2 Safety

3 Hygiene

4 Other

Business Continuity Management System

19

Business Continuity: Capability of the organization to continue pro-vide of products or services after the occurrence of a situation that causes disruption or inhibition of business.

(Content) Requirements

(Committee) ISO / TC 292

(Standard) ISO 22301

What will you do to restart your business as soon as possible after a major earthquake of magnitude 7?

Risk management

20

Risk management: coordinated activities to command and con-trol an organization with regard to risk

(Content) Guideline

(Committee) ISO / TC262

(Standard) ISO31000

What is important in risk manage-ment?

1 Leadership

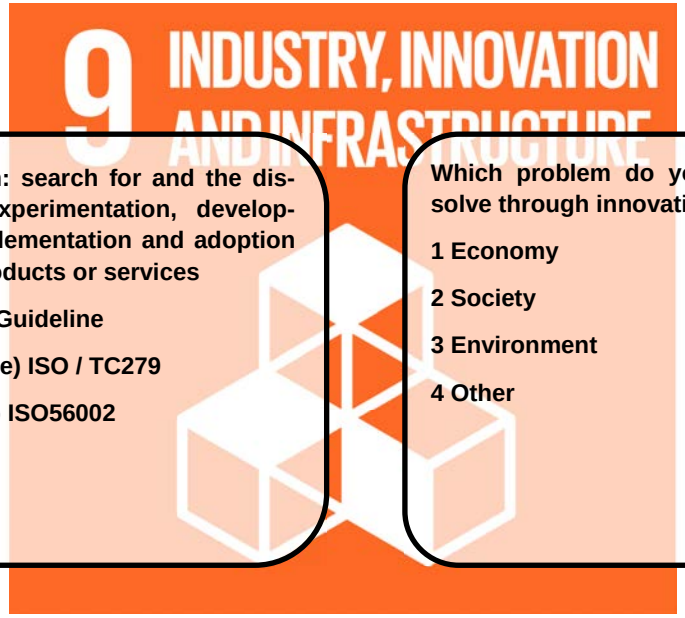
2 Education and training

3 Risk assessment

4 Other

Innovation Management System

21



Innovation: search for and the discovery, experimentation, development, implementation and adoption of new products or services

(Content) Guideline

(Committee) ISO / TC279

(Standard) ISO56002

Which problem do you want to solve through innovation?

1 Economy

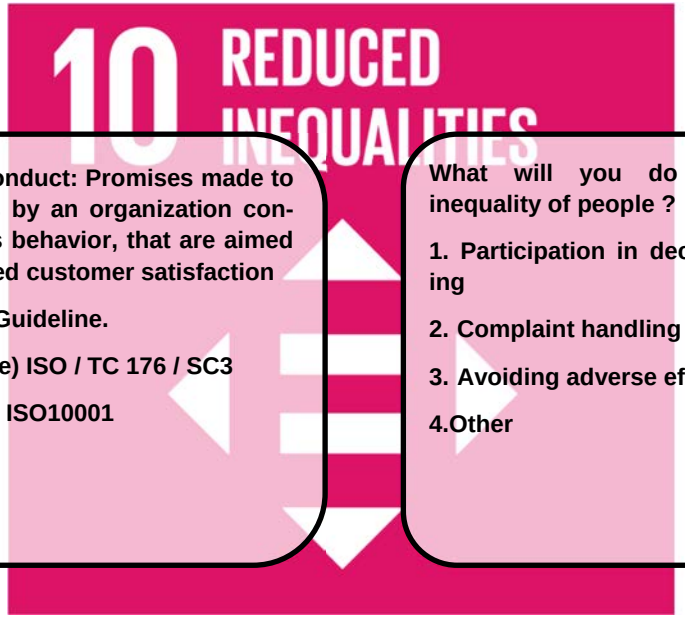
2 Society

3 Environment

4 Other

Code of Conduct

22



Code of conduct: Promises made to customers by an organization concerning its behavior, that are aimed at enhanced customer satisfaction

(Content) Guideline.

(Committee) ISO / TC 176 / SC3

(Standard) ISO10001

What will you do to solve inequality of people ?

1. Participation in decision making

2. Complaint handling

3. Avoiding adverse effects

4.Other

Indicators of Urban Services and Quality of Life

23

Quality of life: Balance between social, healthy, economic and environmental conditions that affect human and social development

(Content) Indicators

(Committee) ISO / TC 223

(Standard) ISO 37120

What do you focus on in your quality of life?

1. Society

2.Health

3. Economy

4.Environment

5.Other

Resilient City

24

Resilience: adaptive capacity of an organization in a complex and changing environment

(Content) Indicator.

(Committee) ISO / TC268

(Standard) ISO 37123

What should be strengthened in society's resilience to natural disasters?

1. Prediction

2.Prevention

3.Support

4.Other

Circular Economy

25

Circular Economy: an economy that aims to keep utility and value of products, components, materials

(Content) This defines requirement and framework.

(Committee) ISO / TC 223

What is important in promoting a circular economy?

1.Resource management

2.Information disclosure

3.Collaboration

4.Other

Quality Management System

26

Quality management system: method for management of quality

(Content) Requirements

(Committee) ISO / TC 176 / SC 2
(Standard) ISO 9001

What is important point for continual improvements of quality on products and services?

1. Internal audit

2. Management Review

3. Other

Greenhouse Gas

27

Greenhouse gas: A gas that absorbs heat from the Earth's surface and maintains the Earth's temperature, called the greenhouse effect.

(Content) Calculation method.

(Committee) ISO / TC 207 / SC 7

(Standard) ISO 14064

What do you do to reduce greenhouse gases?

1. Energy saving

2. Energy alternative

3. Market utilization

4. Other

Carbon Footprint

28

Carbon footprint: net amount of GHG emissions and GHG removals, expressed in CO_2 equivalents

(Content) Requirements

(Committee) ISO / TC 207 / SC 7

(Standard) ISO 14067

How do you indicate carbon dioxide emissions from products and services?

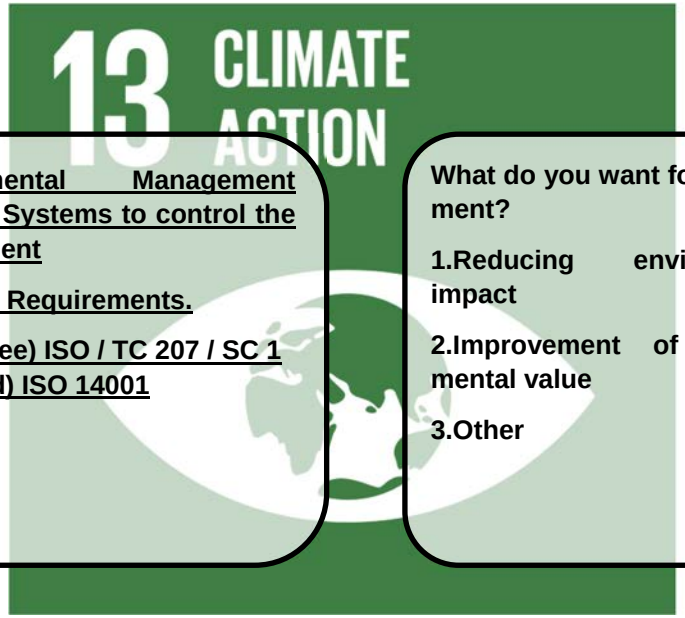
1.Label

2.HP

3.Other

Environmental Management System

29



Environmental Management System : Systems to control the environment

(Content) Requirements.

(Committee) ISO / TC 207 / SC 1

(Standard) ISO 14001

What do you want for environment?

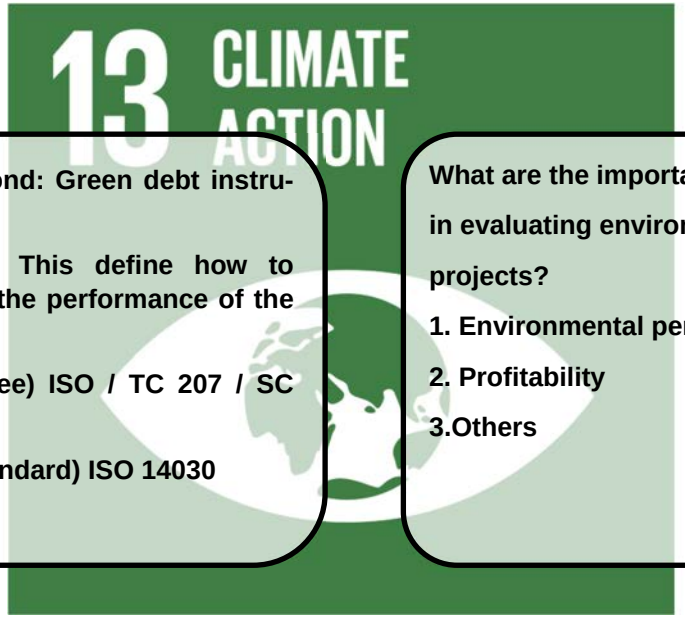
1.Reducing environmental impact

2.Improvement of environmental value

3.Other

Green Bond

30



Green Bond: Green debt instruments

(Content) This define how to evaluate the performance of the project.

(Committee) ISO / TC 207 / SC 4 / WG 7

(Standard) ISO 14030

What are the important points in evaluating environmental projects?

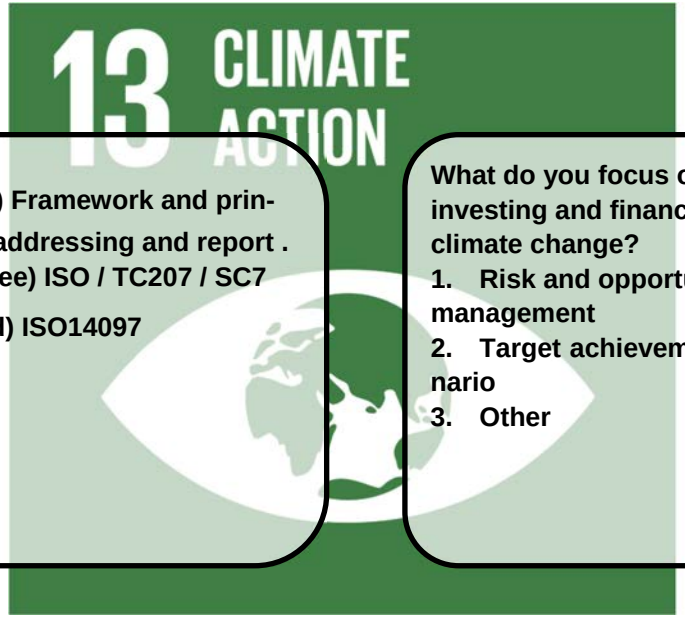
1. Environmental performance

2. Profitability

3.Others

Investments and Financing Activities relates to Climate Change

31



(Content) Framework and principle for addressing and report .

(Committee) ISO / TC207 / SC7

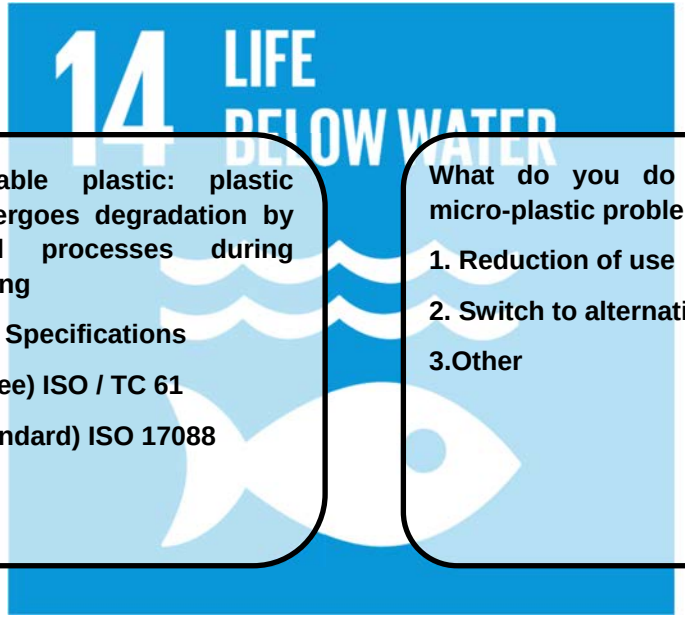
(Standard) ISO14097

What do you focus on when investing and financing to climate change?

1. Risk and opportunity management
2. Target achievement scenario
3. Other

Compostable Plastic

32



Compostable plastic: plastic that undergoes degradation by biological processes during composting

(Content) Specifications

(Committee) ISO / TC 61

(Standard) ISO 17088

What do you do to solve micro-plastic problem?

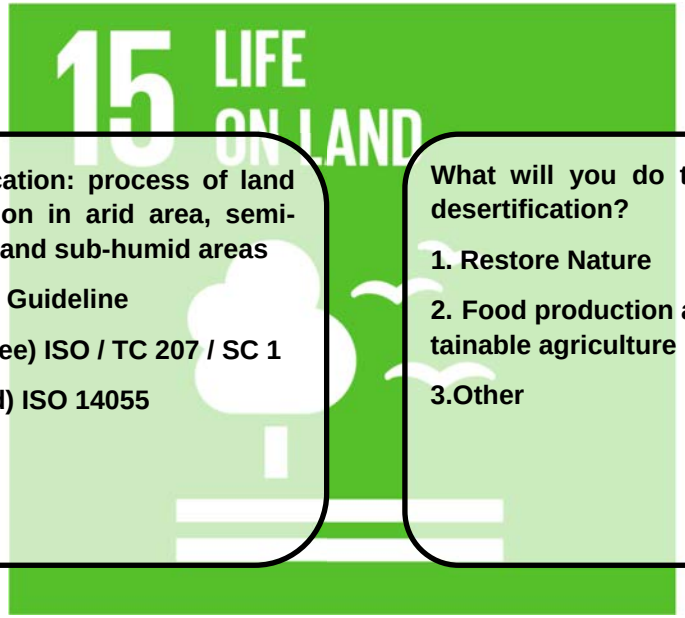
1. Reduction of use

2. Switch to alternatives

3.Other

Desertification Prevention

33



Desertification: process of land degradation in arid area, semi-arid area and sub-humid areas

(Content) Guideline

(Committee) ISO / TC 207 / SC 1

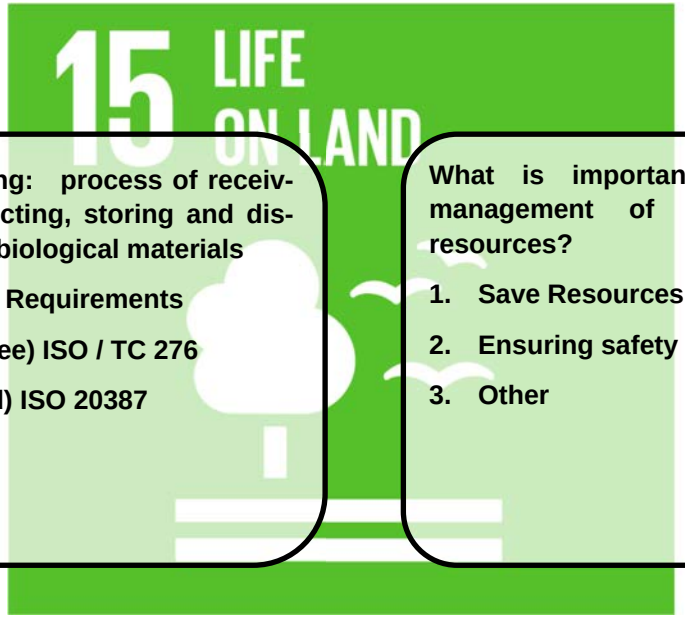
(Standard) ISO 14055

What will you do to prevent desertification?

1. Restore Nature
2. Food production and sustainable agriculture
3. Other

Biobanking

34



Biobanking: process of receiving, collecting, storing and distributing biological materials

(Content) Requirements

(Committee) ISO / TC 276

(Standard) ISO 20387

What is important in the management of biological resources?

1. Save Resources
2. Ensuring safety
3. Other

Compliance Management System

35

Compliance: Comply with legal and other requirements

(Content) Indicator

(Committee) ISO / TC 309

(Standard) ISO 19600

Arrange in the correct order for responses when a violation occurs.

1. Mitigation measures
2. Corrective action
3. Prevention of recurrence
4. Prevention measure

Directives

36

(Content) basic procedures to be followed in the development of International Standards and other publications.in ISO and IEC.

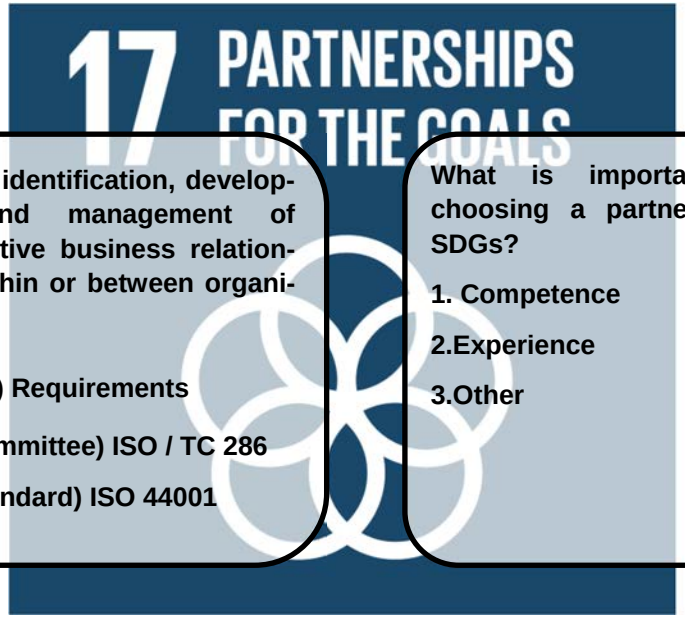
ISO / IEC

Who is your partner to standardize the SDGs and smart society?

1. Academia
2. Government
3. Consumer groups
4. Industry

Collaborative Business Relationship Management System

37



Effective identification, development and management of collaborative business relationships within or between organizations.

(Content) Requirements

(Committee) ISO / TC 286

(Standard) ISO 44001

What is important when choosing a partner for the SDGs?

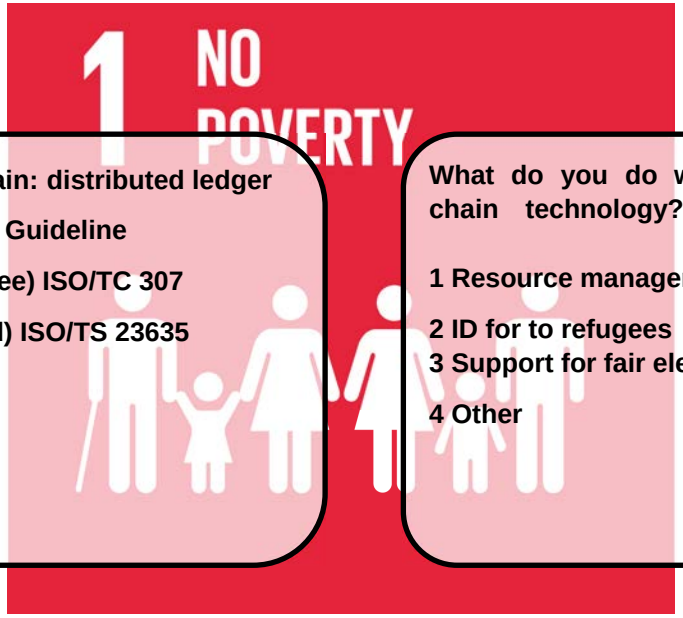
1. Competence

2.Experience

3.Other

Block Chain

38



Block chain: distributed ledger

(Content) Guideline

(Committee) ISO/TC 307

(Standard) ISO/TS 23635

What do you do with block chain technology?

1 Resource management

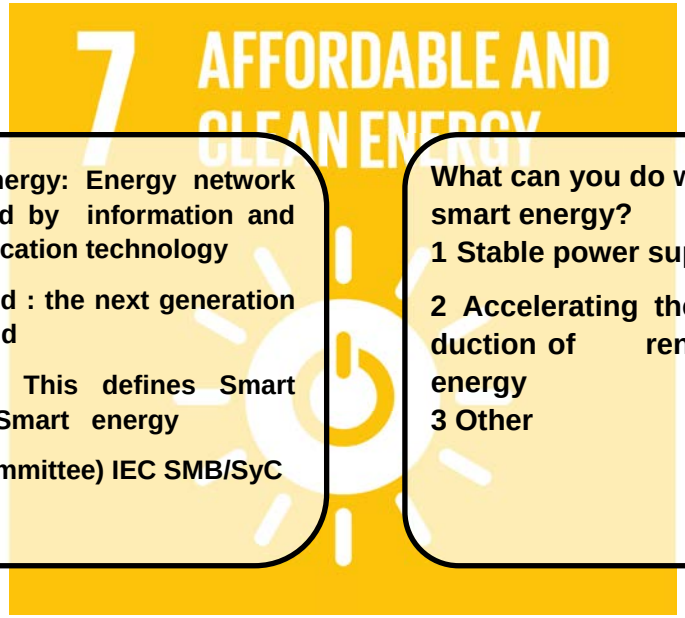
2 ID for to refugees

3 Support for fair elections

4 Other

Smart Energy

39



Smart energy: Energy network connected by information and communication technology

Smart grid : the next generation power grid

(Content) This defines Smart grid and Smart energy

(Committee) IEC SMB/SyC

What can you do with smart energy?

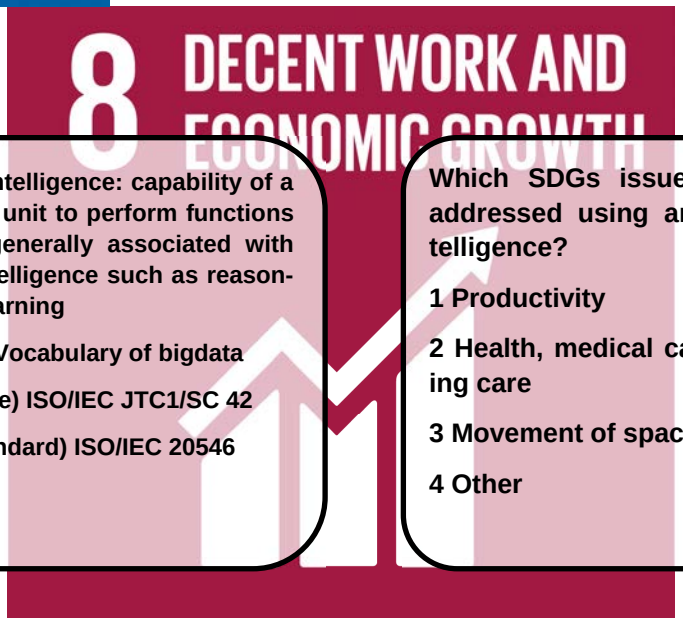
1 Stable power supply

2 Accelerating the introduction of renewable energy

3 Other

Artificial Intelligence

40



Artificial intelligence: capability of a functional unit to perform functions that are generally associated with human intelligence such as reasoning and learning

(Content) Vocabulary of bigdata

(Committee) ISO/IEC JTC1/SC 42

(Standard) ISO/IEC 20546

Which SDGs issues will be addressed using artificial intelligence?

1 Productivity

2 Health, medical care / nursing care

3 Movement of space

4 Other

Smart Manufacturing

41

Technology that aims to improve the productivity of the plant and create new business by incorporating information communication technology and information processing technology into the factory facilities

(Content) Organize issues

(Committee) ISO/TMB/SAG industry 4.0 smart manufacturing

IEC/SG8 IEC SyC SM

Which SDGs issues will be addressed using smart manufacturing technology?

1 Environment

2 Increase productivity

3 Insufficient staff

4 Other

Robot

42

(Content) Safety requirements for industrial robots

(Committee) ISO/TC 299

(Standard) ISO 10218

Which SDGs issues will be addressed using robots?

1 Health

2 Town planning

3 Technology innovation

4 Economic growth

5 Other

IoT

43

IoT: Everything around us can connect to the Internet

(Content) IoT and related technologies

(committee) ISO/IECJTC 1/SC 41

(Standard) ISO/IEC 20924

Which SDGs issues will be addressed using IoT?

1 Health

2 Education

3 Economy

4 Other

Automated Driving

44

Automated driving: moving automatically without humans operation

(Content) This define automatic driving system

(Committee) ISO/TC 204/WG 14

What is important in automatic driving?

1 Safety

2 Information

3 other

Smart Community

45

Smart community: Society that is designed, operated and maintained to contribute to sustainable development and resilience of the community

(Content) Requirements

(Committee) ISO/TC 268/SC1/WG 1

(Standard) ISO 37151

What are the important perspectives in evaluating cities?

1 Residents perspective

2 Environment

3 Regional operations

4 Other

Smart Medical Systems

46

Smart medical systems: Medical care using information communication network

(Content) Requirements of Electronic prescriptions

(Committee) ISO/TC 249/JWG 1

(Standard) ISO 17523

What can you do with Electronic prescriptions?

1 Sharing medical information

2 History management

3 Other

Drone

47

Drone: Unmanned aerial vehicle

(Content) Specification

(Committee) ISO/TC 20/SC 16

(Standard) ISO 21384

How to use drone in disaster?

1 Transportation of medical supplies

2 Disaster site inspection

3 Other

Sustainable Procurement

Procurement: Activities for acquiring goods or services from suppliers.

(Content) Guideline

(Committee) ISO / PC277

(Standard) ISO20400

What sustainability is important when purchasing product and service?

1. Environment
2. Society
3. Economy

Sustainability and Standards

Sustainability : state of the global system, including environmental, social and economic aspects, in which the needs of the present are met without compromising the ability of future generations to meet their own needs.

(Content) Guideline

(Committee) ISO / TMBG

(Standard) ISO Guide 82

What is the most important concept in considering sustainability?

1 System thinking

2 Life cycle

3 Prevention

4 Risk

5 Stakeholders

6 Others

Social Responsibility

Social responsibility: responsibility of an organization for the impacts of its decisions and activities on society and the environment

(Content) Guideline

(Committee) ISO / TMBG

(Standard) ISO26000

What do you do as a social responsibility? Please explain with your reasons.

1 Environment

2 Economy

3 Society

Sustainable Event Management Systems

(Content) Requirement

(Committee) ISO / TMBG

(Standard) ISO 20121

What do you consider for sustainability at the event?

Explain with reason

1.Environment

2.Society

3.Economy

4.Others

Big Data

Big Data: data that to derive the knowledge useful for business

(Contents) Define the big data.

(Committee) ISO / IEC / JTC 1 / WG 3 and WG9

Which SDGs issues will be addressed using BIG DATA?

1.Climate change

2.Health

3.Emergency support

4.Gender equality

5.Others

LIFE	LIFE	LIFE	LIFE	LIFE
LIFE	LIFE	LIFE	LIFE	LIFE