



Innovation management – Tools and methods for innovation partnership

ISO 56003



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TEST

Question 1

The company Arando specialised in the production of clothing after internal analysis identified an opportunity for innovation with the aim of making its production more sustainable. In this sense, it established an innovation partnership with the company Perene focused on eco-design.

From the following options, identify the one that can guarantee mutual benefits for the companies involved in the innovation partnership.

- (A) Reduce costs and optimise the organisations' resources.
- (B) Developing the internal capacities of one of the companies.
- (C) Losing independence in production.
- (D) Demotivate employees.
- (E) Increase own investment.

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Question 1

The company Arando specialised in the production of clothing after internal analysis identified an opportunity for innovation with the aim of making its production more sustainable. In this sense, it established an innovation partnership with the company Perene focused on eco-design.

From the following options, identify the one that can guarantee mutual benefits for the companies involved in the innovation partnership.

(A) Reduce costs and optimise the organisations' resources.

According to ISO 56003, the reasons for establishing an innovation partnership include cost reduction and resource optimisation as a mutual benefit for both companies involved.

TEST

Question 2

The hotel company Cadmo selected and liaised with the company Dorian to develop an innovation partnership. According to the ISO 56003 standard, the third step in the innovation partnership management process is the assessment of compatibility between the companies that intend to enter into an innovation partnership agreement.

Considering Annex C of the above standard, select the option that is not among the topics to be discussed when aligning partnerships between companies for innovation.

- (A) The benefits for the consumer.
- (B) The factors that may influence the inputs of the partnership, such as the results, the benefits for the partners, and the agreed terms regarding the termination of the partnership agreement.
- (C) The factors that can influence the outcomes of the partnership, such as the balance between risks and opportunities, the consequences, and side effects of the partnership.
- (D) The factors related to the action plan, which includes what will be done, the resources needed, and the responsibilities to be distributed.
- (E) The social and political context surrounding the companies that intend to form a partnership for innovation.

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Question 2

The hotel company Cadmo selected and liaised with the company Dorian to develop an innovation partnership. According to the ISO 56003 standard, the third step in the innovation partnership management process is the assessment of compatibility between the companies that intend to enter into an innovation partnership agreement.

Considering Annex C of the above standard, select the option that is not among the topics to be discussed when aligning partnerships between companies for innovation.

(E) The social and political context surrounding the companies that intend to form a partnership for innovation.

According to Annex C of ISO 56003, the factors to be considered when aligning the innovation opportunity between companies include all the statements above, except the statement in alternative E.

TEST

Question 3

The team responsible for the innovation management of the BTG company, which operates in the food industry, plans to evaluate the need and feasibility of forming a partnership for innovation between companies, and thus, in accordance with the ISO 56003 standard, decided to start by identifying the competencies, resources, and needs of the company. To do so, it considered what is recommended by Annex A of the standard, for which it used the Gap Analysis as a tool to support the internal analysis process.

Among the alternatives below, identify the statement that correctly associates the characteristics of a Gap Analysis.

- (A) It allows comparing the current performance with the desired one and determining the factors necessary to achieve the desired state.
- (B) It allows monitoring of the management process of the entire life cycle of a product and/or its sales process.
- (C) It allows analysis of the relationship between the production values of a product and the effective costs that these should have for the final consumer.
- (D) It allows analysis of a company's ability to attract and retain professional talent through its HR department.

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Among the alternatives below, identify the statement that correctly associates the characteristics of a Gap Analysis.

(A) It allows comparing the current performance with the desired one and determining the factors necessary to achieve the desired state.

According to Annex A of ISO 56003, Gap Analysis is a tool that supports internal assessments to identify gaps in company performance, i.e., cash flow, visibility, etc. The analysis compares the actual performance of a company with the desired one and assists in identifying factors needed to achieve the desired state.

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Question 4

David is part of the innovation management team at EdTech, a company in the field of education technology, and they have tasked him with the quality management of a partnership that his company is implementing. In one of the working meetings, David was asked to explain the process of assessing and managing the quality of the partnership between companies for innovation in line with Annex E of ISO 56003.

According to the mentioned annexe, namely about the performance indicators for partnership evaluation, which idea(s) should David explain at the meeting?

- (A) The set of performance indicators for assessing the innovation partnership could include indicators of new knowledge and leadership skills.
- (B) The set of performance indicators for evaluating the innovation partnership could include indicators such as the speed of development and the number of staff involved in the training.
- (C) The set of performance indicators for assessing the innovation partnership may include indicators related to outcomes, such as the number of ideas implemented and return on investment in innovation.
- (D) The set of performance indicators for the evaluation of the innovation partnership can be applied to all moments of the partnership development.
- (E) All statements are correct.

TEST

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According to the mentioned annexe, namely about the performance indicators for partnership evaluation, which idea(s) should David explain at the meeting?

(E) All statements are correct.

According to Annex E of ISO 56003, the performance evaluation process includes the knowledge and application of indicators related to inputs, transfer rates, and outputs. The annexe further clarifies that the quality assessment and management process can be applied throughout the partnership development process.

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Question 5

The DiVino organisation, a company active in the wine industry, recently hired three new employees to form its business innovation team. Gustavo, the most experienced member of the team, oversaw coordinating the work on the implementation process of a partnership between companies for innovation.

According to the ISO 53006 guidelines, select the option that correctly describes the synthesis of a sequence of steps, which the innovation team coordinated by Gustavo should consider implementing the desired innovation partnership.

- (A) Patent the developed product, identify an opportunity for innovation, and establish a partnership.
- (B) List potential partnerships, assess internal capacities and establish a partnership.
- (C) Conduct an analysis to assess the organisation's competencies, capabilities, and needs; identify innovation opportunities that can be addressed through a partnership; establish the objectives of the partnership and sign a partnership agreement.
- (D) Publicise a partnership agreement, define the objectives and expectations of the agreement, and conduct a needs analysis and innovation

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According to the ISO 53006 guidelines, select the option that correctly describes the synthesis of a sequence of steps, which the innovation team coordinated by Gustavo should consider implementing the desired innovation partnership.

(C) Conduct an analysis to assess the organisation's competencies, capabilities, and needs; identify innovation opportunities that can be addressed through a partnership; establish the objectives of the partnership and sign a partnership agreement.

According to the sequence presented by ISO 56003 in its Annexes A, B, C, and D, the steps are respectively: internal assessment; selection of partners; definition of criteria and risk assessment and signing of formal agreements.

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Question 6

The companies Abacus from the field of educational toys and Interchip from the information technology sector are in the middle of the process of forming a partnership for innovation. At this point, both companies are working to clarify the partnership's objectives, the expected outcomes, and the responsibilities of each of the organisations to establish a shared understanding of the innovation opportunity.

According to ISO 53006, at what point in the management of the innovation partnership between companies are these two organisations?

- (A) Internal analysis of the organisation to identify innovation opportunities.
- (B) Selection process of the most suitable innovation partner company.
- (C) Definition of the formal agreement and management of the innovation partnership including allocation of resources and definition of work processes.
- (D) Alignment of the partnership to ensure a common understanding of the innovation opportunities for the subsequent formalisation of the partnership agreement.

TEST

Question 6

The companies Abacus from the field of educational toys and Interchip from the information technology sector are in the middle of the process of forming a partnership for innovation. At this point, both companies are working to clarify the partnership's objectives, the expected outcomes, and the responsibilities of each of the organisations to establish a shared understanding of the innovation opportunity.

According to ISO 53006, at what point in the management of the innovation partnership between companies are these two organisations?

(C) Definition of the formal agreement and management of the innovation partnership including allocation of resources and definition of work processes.

According to ISO 56003, alignment between stakeholders precedes a formal agreement and provides for a common understanding of innovation opportunities that generate benefits for the companies involved.

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Question 7

Ironstrong, a company in the metallurgy sector, has made efforts to innovate in its production process by expanding technical and scientific knowledge in metallurgical production to reduce costs. After using the methods and tools in Annex A of ISO 56003, the company decided to form a partnership. To this end, it selected three scientific research institutes to apply technology to the process of segmenting defects and anomalies in materials.

Considering the partner selection methods and tools in Annex B of ISO 56003, identify which of the following tools is not suitable for selecting one of the three institutes selected by Ironstrong.

- (A) SWOT analysis.
- (B) Competence Matrix.
- (C) Stakeholder map.
- (D) Risk and mitigation matrix.
- (E) Occupational Health and Safety Score.

TEST

Question 7

Ironstrong, a company in the metallurgy sector, has made efforts to innovate in its production process by expanding technical and scientific knowledge in metallurgical production to reduce costs. After using the methods and tools in Annex A of ISO 56003, the company decided to form a partnership. To this end, it selected three scientific research institutes to apply technology to the process of segmenting defects and anomalies in materials.

Considering the partner selection methods and tools in Annex B of ISO 56003, identify which of the following tools is not suitable for selecting one of the three institutes selected by Ironstrong.

(E) Occupational Health and Safety Score.

According to Annex A of ISO 56003, except for alternative E, all the other options identify tools that can be used for the evaluation and choice of a partner company for innovation.

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Question 8

You are involved in the team of the company E-Things that operates in the IoT (Internet of Things) field, which from a SWOT analysis, identified the need for a partnership for innovation in its logistics sector. According to ISO 56003, the next step is to identify the most suitable company to establish the innovation partnership.

According to ISO 56003, which of the following criteria is not essential to consider the most suitable company to establish a partnership for innovation in the logistics area of the E-Things company?

- (A) Previous experience with partnerships.
- (B) Organisational knowledge.
- (C) Track record of innovation.
- (D) Financial profile.
- (E) Litigation-free track record.

TEST

Question 8

You are involved in the team of the company E-Things that operates in the IoT (Internet of Things) field, which from a SWOT analysis, identified the need for a partnership for innovation in its logistics sector. According to ISO 56003, the next step is to identify the most suitable company to establish the innovation partnership.

According to ISO 56003, which of the following criteria is not essential to consider the most suitable company to establish a partnership for innovation in the logistics area of the E-Things company?

(E) Litigation-free track record.

According to ISO 56003, aspects such as previous partnering experience, organisational knowledge, track record in innovation, operational competencies, intellectual property management, and geopolitical, corporate, and ethical risks should be considered in the assessment of the candidate innovation partner.

TEST

Question 9

Once a partnership for innovation between companies has been established, it is understood that interactions will be recurrent during the partnership process. However, it is important to keep in mind that such interactions may be influenced by external factors, such as the duration of the partnership, organisational cultures, existing relationships, as well as commitments and agreements between the companies.

Based on the topic of interaction between partners in ISO 56003, select the option that indicates a type of interaction not foreseen by the standard.

- (A) Confidentiality.
- (B) Cost budgets.
- (C) Geographical assets.
- (D) Intellectual assets.
- (E) Governance.

TEST

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Based on the topic of interaction between partners in ISO 56003, select the option that indicates a type of interaction not foreseen by the standard.

(C) Geographical assets.

According to ISO 56003, all alternatives are forms of interaction between partners except alternative C, which indicates a type of interaction not foreseen by ISO 56003.

TEST

Question 10

Many reasons drive a company to decide to form a partnership with another company to promote innovation, some of them are: motivating people, sharing risks, reducing costs, improving its image or reputation, reducing its investments, etc.

According to ISO 56003, identify among the options below the one that does not fit a reason for not forming a partnership between companies for innovation.

- (A) Reducing the time to market a product or idea.
- (B) Loss of independence.
- (C) Preference for in-house capacity building.
- (D) Reluctance to share own expertise.
- (E) Preference to retain ownership of intellectual property.

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Many reasons drive a company to decide to form a partnership with another company to promote innovation, some of them are: motivating people, sharing risks, reducing costs, improving its image or reputation, reducing its investments, etc.

According to ISO 56003, identify among the options below the one that does not fit a reason for not forming a partnership between companies for innovation.

(A) Reducing the time to market a product or idea.

According to ISO 56003, all alternatives are motivations for not forming an innovation partnership between companies, except alternative A, which is among the motivations for forming an innovation partnership.

TEST

Question 11 (1/2)

Carefully
read the
statements:

- I. Regarding the decision-making process in the partnership, it should be defined whether it will take place by consensus or by majority rule.*
 - II. It is important in the agreement between the partners to define who leads the partnership for innovation and what the decision-making power of each leader is.*
 - III. The delivery of documents and products promptly, when it does not occur, must be the result of an agreement between the partners.*
 - IV. The mechanisms for obtaining budget and personnel, should be individual to each partner company and will not be discussed and/or agreed between the partners.*
 - V. Among the agreements to be made between the partners, consideration should be given to how to prevent changes in the agenda and priorities of one partner from affecting the initial objectives of the other partners.*
- Annex D of ISO 56003, which deals with tools and methods for the model agreements that should be drawn up between the partners, defines strategies that aim to avoid misunderstandings and possible conflicts between the partners.

Indicate the alternative, which according to the standard and annex in question correctly defines the issues that must be considered when formalising agreements between partners.

TEST

Question 11 (2/2)

Carefully
read the
statements:

- I. Regarding the decision-making process in the partnership, it should be defined whether it will take place by consensus or by majority rule.*
- II. It is important in the agreement between the partners to define who leads the partnership for innovation and what the decision-making power of each leader is.*
- III. The delivery of documents and products promptly, when it does not occur, must be the result of an agreement between the partners.*
- IV. The mechanisms for obtaining budget and personnel, should be individual to each partner company and will not be discussed and/or agreed between the partners.*
- V. Among the agreements to be made between the partners, consideration should be given to how to prevent changes in the agenda and priorities of one partner from affecting the initial objectives of the other partners.*
- (A) The following statements are correct: I, II, III, and IV.

(B) The following statements are correct: II, III, IV, and V.

(C) The following statements are correct: I, III, IV, and V.

(D) The following statements are correct: I, II, III, and V.

(E) The following statements are correct: I, II, III, and V.

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- V. Among the agreements to be made between the partners, consideration should be given to how to prevent changes in the agenda and priorities of one partner from affecting the initial objectives of the other partners.*

(D) The following statements are correct: I, II, III, and V.

According to Annex D of ISO 56003, the mechanisms for obtaining budget and personnel should be agreed upon between the partners and should not be dealt with individually. Therefore, statement IV is incorrect.

TEST

Question 12 (1/2)

Carefully
read the
statements:

- I. *It is the moment of the definition of partnership steps, confidentiality agreements, and division of tasks to be developed.*
 - II. *It is the time to: internally carry out gap analyses and assess where innovation is possible and/or necessary.*
 - III. *It is the moment to: define criteria, and select methods and tools to select partners.*
 - IV. *It is the moment to: measure, analyse and evaluate all the actions developed.*
 - V. *It is time to: define the innovation area, define the mutual benefits of the partnership, and assess risks and opportunities.*
- According to the ISO 56003 standard, what is the most appropriate sequence of actions/activities to be developed in a partnership between companies for innovation?

TEST

Question 12 (2/2)

Carefully
read the
statements:

- I. It is the moment of the definition of partnership steps, confidentiality agreements, and division of tasks to be developed.*
- II. It is the time to: internally carry out gap analyses and assess where innovation is possible and/or necessary.*
- III. It is the moment to: define criteria, and select methods and tools to select partners.*
- IV. It is the moment to: measure, analyse and evaluate all the actions developed.*
- V. It is time to: define the innovation area, define the mutual benefits of the partnership, and assess risks and opportunities.*
- (A) IV, III, V, I and II.
- (B) IV, II, III, V and I.
- (C) II, III, V, I and IV.
- (D) IV, III, V, I and II.
- (E) II, I, III, V and IV.

TEST

Question 12

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read the
statements:

- I. *It is the moment of the definition of partnership steps, confidentiality agreements, and division of tasks to be developed.*
 - II. *It is the time to: internally carry out gap analyses and assess where innovation is possible and/or necessary.*
 - III. *It is the moment to: define criteria, and select methods and tools to select partners.*
 - IV. *It is the moment to: measure, analyse and evaluate all the actions developed.*
 - V. *It is time to: define the innovation area, define the mutual benefits of the partnership, and assess risks and opportunities.*
- Alternative C is correct, as it presents a sequence of actions/activities by the sequence presented by the ISO 56003 standard in its annexes: Annex A - internal assessment; Annex B - select partners; Annex C - define criteria and assess risks; Annex D - sign agreements with partners; Annex E - evaluation of the activities/actions developed.**

References

TIMS



References

1. *ISO 56003:2019(E) - Innovation management — Tools and methods for innovation partnership— Guidance*





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