



Section A: Information about the participating company of the person completing

Please specify whether your company is part of a group of companies and from which point of view you will be answering the following questions.

A1. From which point of view will you be answering the following question?

This is a mandatory field as your answer affects the following questions and the evaluation of your answers. Please answer for your company or your business group if possible.

The view of the company ☐

The view of the business group ☐

My expertise as an individual ☐

A2. {if(A=="A2","your business group",if(A=="A1","your company",
"a typical company in your industry"))}

A3. {if(A == "A2","the point of view of your business group",if(A ==
"A1","the point of view of your company","your point of view"))}

A4. {if(A == "A2","in your business group",if(A == "A1","in your
company","of a typical company in your industry"))}

A5. {if(A == "A2","success of your business group","company
success")}

A6. {if(A=="A2","your business group",if(A=="A1","your company",
"a typical company in your industry"))}

A7. {if(A == "A2","the whole business group",if(A == "A1","the
company","the company"))}

A8. {if(A == "A2","in the business group",if(A == "A1","in the
company","in the company"))}

A9.

A10. {if(A=="A2","your business group",if(A=="A1","your company",
"a typical company in your industry"))}

A11. {if(A=="A2","your company group sees",if(A=="A1","your
company sees", "you see"))}

A12. Does your company belong to a group of companies or an association
of several companies?

Please choose one of the following answers

Yes, a national business group with headquarters in Germany ☐

Yes, an international business group with headquarters in Germany ☐

Yes, an international business group with headquarters abroad ☐

No, an individual enterprise with headquarters in Germany ☐

No, an individual enterprise with headquarters abroad ☐



A13. Which of the following applies to your business group?

Please choose one of the following answers

- national business group with headquarters in Germany ☐
- international business group with headquarters in Germany ☐
- international business group with headquarters abroad ☐

A14. In which country are your headquarters located?

- Afghanistan ☐
- Åland Islands ☐
- Albania ☐
- Algeria ☐
- American Samoa ☐
- Andorra ☐
- Angola ☐
- Anguilla ☐
- Antarctica ☐
- Antigua And Barbuda ☐
- Argentina ☐
- Armenia ☐
- Aruba ☐
- Australia ☐
- Austria ☐
- Azerbaijan ☐
- Bahamas ☐
- Bahrain ☐
- Bangladesh ☐
- Barbados ☐
- Belarus ☐
- Belgium ☐
- Belize ☐
- Benin ☐
- Bermuda ☐





	Bhutan	<input type="checkbox"/>
	Bolivia	<input type="checkbox"/>
	Bosnia And Herzegovina	<input type="checkbox"/>
	Botswana	<input type="checkbox"/>
	Bouvet Island	<input type="checkbox"/>
	Brazil	<input type="checkbox"/>
	British Indian Ocean Territory	<input type="checkbox"/>
	Brunei Darussalam	<input type="checkbox"/>
	Bulgaria	<input type="checkbox"/>
	Burkina Faso	<input type="checkbox"/>
	Burundi	<input type="checkbox"/>
	Cambodia	<input type="checkbox"/>
	Cameroon	<input type="checkbox"/>
	Canada	<input type="checkbox"/>
	Cape Verde	<input type="checkbox"/>
	Cayman Islands	<input type="checkbox"/>
	Central African Republic	<input type="checkbox"/>
	Chad	<input type="checkbox"/>
	Chile	<input type="checkbox"/>
	China	<input type="checkbox"/>
	Christmas Island	<input type="checkbox"/>
	Cocos (Keeling) Islands	<input type="checkbox"/>
	Colombia	<input type="checkbox"/>
	Comoros	<input type="checkbox"/>
	Congo	<input type="checkbox"/>
	Congo, The Democratic Republic Of The	<input type="checkbox"/>
	Cook Islands	<input type="checkbox"/>
	Costa Rica	<input type="checkbox"/>
	Cote D'ivoire	<input type="checkbox"/>
		▼



	Croatia	<input type="checkbox"/>
	Cuba	<input type="checkbox"/>
	Cyprus	<input type="checkbox"/>
	Czechia	<input type="checkbox"/>
	Denmark	<input type="checkbox"/>
	Djibouti	<input type="checkbox"/>
	Dominica	<input type="checkbox"/>
	Dominican Republic	<input type="checkbox"/>
	Ecuador	<input type="checkbox"/>
	Egypt	<input type="checkbox"/>
	El Salvador	<input type="checkbox"/>
	Equatorial Guinea	<input type="checkbox"/>
	Eritrea	<input type="checkbox"/>
	Estonia	<input type="checkbox"/>
	Ethiopia	<input type="checkbox"/>
	Falkland Islands (Malvinas)	<input type="checkbox"/>
	Faroe Islands	<input type="checkbox"/>
	Fiji	<input type="checkbox"/>
	Finland	<input type="checkbox"/>
	France	<input type="checkbox"/>
	French Guiana	<input type="checkbox"/>
	French Polynesia	<input type="checkbox"/>
	French Southern Territories	<input type="checkbox"/>
	Gabon	<input type="checkbox"/>
	Gambia	<input type="checkbox"/>
	Georgia	<input type="checkbox"/>
	Ghana	<input type="checkbox"/>
	Gibraltar	<input type="checkbox"/>
	Greece	<input type="checkbox"/>
		▼



Greenland



Grenada



Guadeloupe



Guam



Guatemala



Guernsey



Guinea



Guinea-bissau



Guyana



Haiti



Heard Island And Mcdonald Islands



Holy See (Vatican City State)



Honduras



Hong Kong



Hungary



Iceland



India



Indonesia



Iran, Islamic Republic Of



Iraq



Ireland



Isle Of Man



Israel



Italy



Jamaica



Japan



Jersey



Jordan



Kazakhstan





Kenya	<input type="checkbox"/>
Kiribati	<input type="checkbox"/>
Korea, Democratic People's Republic Of	<input type="checkbox"/>
Korea, Republic Of	<input type="checkbox"/>
Kuwait	<input type="checkbox"/>
Kyrgyzstan	<input type="checkbox"/>
Lao People's Democratic Republic	<input type="checkbox"/>
Latvia	<input type="checkbox"/>
Lebanon	<input type="checkbox"/>
Lesotho	<input type="checkbox"/>
Liberia	<input type="checkbox"/>
Libyan Arab Jamahiriya	<input type="checkbox"/>
Liechtenstein	<input type="checkbox"/>
Lithuania	<input type="checkbox"/>
Luxembourg	<input type="checkbox"/>
Macao	<input type="checkbox"/>
Macedonia, The Former Yugoslav Republic Of	<input type="checkbox"/>
Madagascar	<input type="checkbox"/>
Malawi	<input type="checkbox"/>
Malaysia	<input type="checkbox"/>
Maldives	<input type="checkbox"/>
Mali	<input type="checkbox"/>
Malta	<input type="checkbox"/>
Marshall Islands	<input type="checkbox"/>
Martinique	<input type="checkbox"/>
Mauritania	<input type="checkbox"/>
Mauritius	<input type="checkbox"/>
Mayotte	<input type="checkbox"/>
Mexico	<input type="checkbox"/>





Micronesia, Federated States Of	<input type="checkbox"/>
Moldova, Republic Of	<input type="checkbox"/>
Monaco	<input type="checkbox"/>
Mongolia	<input type="checkbox"/>
Montenegro	<input type="checkbox"/>
Montserrat	<input type="checkbox"/>
Morocco	<input type="checkbox"/>
Mozambique	<input type="checkbox"/>
Myanmar	<input type="checkbox"/>
Namibia	<input type="checkbox"/>
Nauru	<input type="checkbox"/>
Nepal	<input type="checkbox"/>
Netherlands	<input type="checkbox"/>
Netherlands Antilles	<input type="checkbox"/>
New Caledonia	<input type="checkbox"/>
New Zealand	<input type="checkbox"/>
Nicaragua	<input type="checkbox"/>
Niger	<input type="checkbox"/>
Nigeria	<input type="checkbox"/>
Niue	<input type="checkbox"/>
Norfolk Island	<input type="checkbox"/>
Northern Mariana Islands	<input type="checkbox"/>
Norway	<input type="checkbox"/>
Oman	<input type="checkbox"/>
Pakistan	<input type="checkbox"/>
Palau	<input type="checkbox"/>
Palestinian Territory, Occupied	<input type="checkbox"/>
Panama	<input type="checkbox"/>
Papua New Guinea	<input type="checkbox"/>





Paraguay	<input type="checkbox"/>
Peru	<input type="checkbox"/>
Philippines	<input type="checkbox"/>
Pitcairn	<input type="checkbox"/>
Poland	<input type="checkbox"/>
Portugal	<input type="checkbox"/>
Puerto Rico	<input type="checkbox"/>
Qatar	<input type="checkbox"/>
Reunion	<input type="checkbox"/>
Romania	<input type="checkbox"/>
Russian Federation	<input type="checkbox"/>
Rwanda	<input type="checkbox"/>
Saint Helena	<input type="checkbox"/>
Saint Kitts And Nevis	<input type="checkbox"/>
Saint Lucia	<input type="checkbox"/>
Saint Pierre And Miquelon	<input type="checkbox"/>
Saint Vincent And The Grenadines	<input type="checkbox"/>
Samoa	<input type="checkbox"/>
San Marino	<input type="checkbox"/>
Sao Tome And Principe	<input type="checkbox"/>
Saudi Arabia	<input type="checkbox"/>
Senegal	<input type="checkbox"/>
Serbia	<input type="checkbox"/>
Seychelles	<input type="checkbox"/>
Sierra Leone	<input type="checkbox"/>
Singapore	<input type="checkbox"/>
Slovakia	<input type="checkbox"/>
Slovenia	<input type="checkbox"/>
Solomon Islands	<input type="checkbox"/>





Somalia	<input type="checkbox"/>
South Africa	<input type="checkbox"/>
South Georgia And The South Sandwich Islands	<input type="checkbox"/>
Spain	<input type="checkbox"/>
Sri Lanka	<input type="checkbox"/>
Sudan	<input type="checkbox"/>
Suriname	<input type="checkbox"/>
Svalbard And Jan Mayen	<input type="checkbox"/>
Swaziland	<input type="checkbox"/>
Sweden	<input type="checkbox"/>
Switzerland	<input type="checkbox"/>
Syrian Arab Republic	<input type="checkbox"/>
Taiwan, Province Of China	<input type="checkbox"/>
Tajikistan	<input type="checkbox"/>
Tanzania, United Republic Of	<input type="checkbox"/>
Thailand	<input type="checkbox"/>
Timor-leste	<input type="checkbox"/>
Togo	<input type="checkbox"/>
Tokelau	<input type="checkbox"/>
Tonga	<input type="checkbox"/>
Trinidad And Tobago	<input type="checkbox"/>
Tunisia	<input type="checkbox"/>
Turkey	<input type="checkbox"/>
Turkmenistan	<input type="checkbox"/>
Turks And Caicos Islands	<input type="checkbox"/>
Tuvalu	<input type="checkbox"/>
Uganda	<input type="checkbox"/>
Ukraine	<input type="checkbox"/>
United Arab Emirates	<input type="checkbox"/>





United Kingdom ☐

United States ☐

United States Minor Outlying Islands ☐

Uruguay ☐

Uzbekistan ☐

Vanuatu ☐

Venezuela ☐

Viet Nam ☐

Virgin Islands, British ☐

Virgin Islands, U.S. ☐

Wallis And Futuna ☐

Western Sahara ☐

Yemen ☐

Zambia ☐

Zimbabwe ☐

A15. Please state the main business activity (industry) of your company in 2020. If you answer as private person please indicate the sector of your main occupation, i.e. for which industry your answers are representative.

Please choose one of the following answers

Agriculture, forestry and fishing ☐

Mining and quarrying ☐

Consumer Goods Production ☐

Chemical and Pharmaceutical Industry ☐

Metal Production ☐

Electrical Engineering ☐

Medical Engineering ☐

Optics ☐

Mechanical Engineering ☐

Plant construction ☐

Automotive Engineering ☐





Manufacture of other non-metallic mineral products

☐

Energy, Water, and Oil

☐

Construction

☐

Wholesale and retail trade; repair of motor vehicles and motorcycles

☐

Transporting and storage

☐

Information and Communication

☐

Professional and scientific activities

☐

Certification and testing

☐

Public administration and defence; compulsory social security

☐

Human health and social work activities

☐

Education, activities of membership organisations

☐

Other service activities

☐

Activities of extraterritorial organisations and bodies

☐

Other

☐

Other

A16. Please state the full name of {A2RDcalcDAS}.

If possible, please also state the location of {A2RDcalcDAS} and the department you work in.



The following section contains questions about the relevance, the use and the implementation of norms and standards, as well as other aspects of technical rules. A distinction is made between formal standards, technical rules or specifications, consortia standards, de-facto standards and company standards.

B1. How important are the following types of standards established on national level for {A2RDcalcNOMAKK}?

[illegible]

The figure displays a horizontal Likert scale ranging from -3 (very unimportant) to +3 (very important). The scale is marked with integers from -3 to +3. Below the scale, there are four rows of empty boxes for rating different standards:

- Formal standards for European Level
- Technical rules or specification for European Level
- Informal consortia standards for European Level
- De-facto standards for European Level

Figure 1 displays two horizontal Likert scales. The top scale is for the item "Formal standards for International Level" and the bottom scale is for "Technical rules and specifications for International Level". Both scales range from -3 (very unimportant) to +3 (very important), with intermediate points at -2, -1, 0, +1, and +2. Each scale consists of seven empty square boxes connected by a dotted line, representing the response options for each item.



	-3 (very unimportant)	-2	-1	0	+1	+2	+3 (very important)
Informal consortia standards for International Level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Da-facto standards for International Level	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B4. How important are internal and external company standards for {A2RDcalcNOMAKK}?

Assessment on a scale from -3 (very unimportant) to +3 (very important)

	-3 (very unimportant)	-2	-1	0	+1	+2	+3 (very important)
Internal company standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
External company standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B5. Please indicate the number of standards utilized by {A2RDcalcNOMAKK} in 2020.

	0	1 - 10	11 - 100	101 - 1.000	> 1.000
Formal standards (e.g. DIN, DIN EN, CEN, CENELEC, ISO, IEC, ETSI, ITU)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Technical rules or specifications (e.g. Guidelines issued by VDE, VDMA or VDI or specifications like DIN SPEC)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Informal consortia standards (e.g. standards of consortia like W3C or OASIS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
De-facto standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internal company standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
External company standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B6. Please indicate whether or not {A2RDcalcNOMAKK} was certified according to the following ISO standards in 2020.

	Yes	No	No Answer
ISO 9001 (Quality management system standard)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ISO 14001 (Environmental management system standard)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ISO/IEC 27001 (Information security management system standard)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ISO 500001 (Energy management system standard)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

B7. Please state which other certifications your company obtained in 2020.

Other



B8. In which year did {A2RDcalcNOMAKK} first receive the ISO 9001 certification?

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B9. Is {A2RDcalcNOMAKK} planning on completing the ISO 9001 certification?

Please choose one of the following answers

Yes ☐

No ☐

B10. In which year did {A2RDcalcNOMAKK} first receive the ISO 14001 certification?

Please enter the year of initial certification

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B11. Is {A2RDcalcNOMAKK} planning on completing the ISO 14001 certification?

Please choose one of the following answers

Yes ☐

No ☐

B12. In which year did {A2RDcalcNOMAKK} first receive the ISO/IEC 27001 certification?

Please enter the year of initial certification

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B13. Is {A2RDcalcNOMAKK} planning on completing the ISO/IEC 27001 certification?

Please choose one of the following answers

Yes ☐

No ☐

B14. In which year did {A2RDcalcNOMAKK} first receive the ISO 50001 certification?

Please enter the year of initial certification

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B15. Is {A2RDcalcNOMAKK} planning on completing the ISO 50001 certification?

Please choose one of the following answers

Yes ☐

No ☐



Section C: Special section: standards and climate change

This year's special section examines the relationship between standards, standardization and climate change. Combating climate change and managing the impacts of climate change are two complementary strategies, both of which can benefit from the targeted use of standards.

On the one hand, standards can contribute to climate change mitigation by spreading the voluntary implementation of climate-friendly rules in industry and society. At the same time, standards must respond to requirements that have changed as a result of climate change. Adaptation processes must be proactively taken into account in standards in order to be able to address possible consequences of climate change at an early stage. Reviewing standards in order to better take into account the impacts of climate change is therefore already part of the German Strategy for Adaptation to Climate Change.

This topic has been present in the standards-setting organizations for some time. Representatives for environmental protection have been explicitly involved in the standardization process since the 1990s. At DIN, for example, through the Environmental Protection Helpdesk at DIN (DIN-EPH), or through the DIN Standards Committee Principles of Environmental Protection (NAGUS). Environmental topics can thus be taken into account in standards, especially as standards makers find support in relevant guides and tools. At international level, too, there is an explicit commitment by standards organizations to combating climate change, for example through ISO's London Declaration.

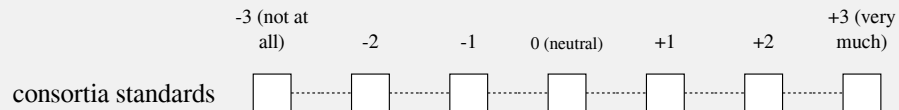
But are standards already fulfilling their full potential in combating and managing climate change? How strong is the role of standardization here, anyway? Which aspects of the standardization process can possibly be improved to address climate change even more strongly?

C1. Which Sustainable Development Goals are most relevant for your company or industry?

The goals can be relevant, for example, by the fact that

your company or industry contributes to the achievement of these objectives, or changes in your company or industry have an impact on the achievement of these goals. Please rank the most relevant goals in the green box (most relevant goal first). The elements can be moved with the mouse. Double-click to move one element to the other list. Please select a maximum of 5 goals.

No Poverty	<input type="text"/>	<input type="text"/>	<input type="text"/>
Zero Hunger	<input type="text"/>	<input type="text"/>	<input type="text"/>
Good Health and Well-being	<input type="text"/>	<input type="text"/>	<input type="text"/>
Quality Education	<input type="text"/>	<input type="text"/>	<input type="text"/>
Gender Equality	<input type="text"/>	<input type="text"/>	<input type="text"/>
Clean Water and Sanitation	<input type="text"/>	<input type="text"/>	<input type="text"/>
Affordable and Clean Energy	<input type="text"/>	<input type="text"/>	<input type="text"/>
Decent Work and Economic Growth	<input type="text"/>	<input type="text"/>	<input type="text"/>
Industry, Innovation and Infrastructure	<input type="text"/>	<input type="text"/>	<input type="text"/>



Assessment on a scale from -3 (not at all) to +3 (very much)

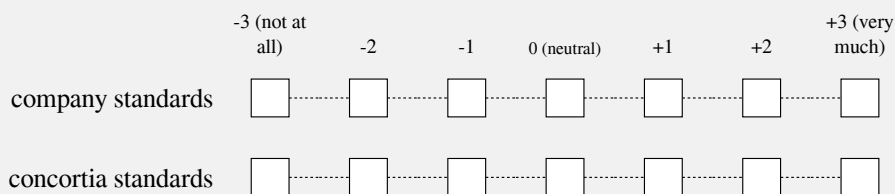
[illegible]

Assessment on a scale from -3 (strongly disagree) to +3 (strongly agree)

[illegible]

Assessment on a scale from -3 (not at all) to +3 (very much)

[illegible]



Assessment on a scale from -3 (not at all) to +3 (very much)

[illegible]

Assessment on a scale from -3 (strongly disagree) to +3 (strongly agree)

[illegible]

**C12. Please specify "other"***Please name other aspects that you think contribute to a better consideration of climate change in standards.***C13. Are you aware of the following supporting materials or contacts related to standards and climate change? Have you already made use of them in the standardization process or sought contact?**

	Unknown	Known but never used	Used/contacted in the standardization process
Supporting material / guides etc. in national standardization	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Supporting material / guides etc. in international standardization (e.g., ISO Guide 64)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Institutions in national standardization (e.g., equivalents of DIN-EPH, NAGUS in German standardization)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Institutions in international standardization (e.g., CEN/SABE, CEN-CENELEC/ACC CG, ISO/CCC TF)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section D: Special section: effects of the coronavirus pandemic on standardization

The coronavirus pandemic poses special challenges for the world of standardization. At the same time, standards, as part of the quality infrastructure, can potentially help to better manage the crisis. In this year's special section, the DNP investigates to what extent standardizing companies are affected by corona and how standards and certification offer support.

D1. Which of the following negative effects does the coronavirus pandemic have for {A2RDcalcNOMAKK} up until now?

	0 (does not apply)	1	2	3	4 (applies very strongly)
Decline in demand / cancellation of existing orders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liquidity shortages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(Temporary) closure of company / parts of company	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Logistical difficulties in selling own products	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Difficulties in obtaining raw materials or intermediate products	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Staff shortages (illness, quarantine, childcare, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Termination of business	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



D2. Due to the coronavirus pandemic, are you planning to, or did you, change your participation in standardization?

	-2 (significantl y less)	-1	0 (no change)	+1	+2 (significantl y more)
Participation in formal standard-setting committees	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Participation in standard-setting committees in consortia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

D3. Due to the coronavirus pandemic, are you planning to, or did you, change your participation in standardization?

	-2 (significantl y less)	-1	0 (no change)	+1	+2 (significantl y more)
New topics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
New standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of participants	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Workload	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

D4. In your opinion, do corona-related changes have rather positive or negative effects on standardization processes?

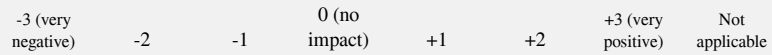
	-2 (strongly deteriorated)	-1	0 (no change)	+1	+2 (strongly improved)
Participation costs (e.g. also travel expenses)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Extent of participation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diversity of participants	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Speed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality of informal exchange	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality of the exchange of information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Finding consensus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall quality of the process	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality of the result	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

D5. Please specify "other"



E1. Please assess the impact of various types of standards on legal security.

[illegible][illegible][illegible]



Internal company standards

External company standards

E4. Please assess the impact of various standards on the increase in productivity (including cost reduction).

Assessment on a scale from -3 (very negative) to +3 (very positive)

[illegible]

E5. Please assess the impact of various standards on the improvement of quality.

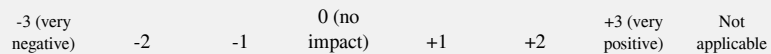
Assessment on a scale from -3 (very negative) to +3 (very positive)

[illegible]

E6. Please assess the impact of various standards on the optimization of research, development and innovation activities.

Assessment on a scale from -3 (very negative) to +3 (very positive)

[illegible]



De-facto standards

Internal company standards

External company standards

E7. Please assess the impact of various standards on the competitiveness regarding direct business rivals.

Assessment on a scale from -3 (very negative) to +3 (very positive)

[illegible]

E8. Please assess the impact of various standards on the bargaining position regarding suppliers and customers.

Assessment on a scale from -3 (very negative) to +3 (very positive)

[illegible]

E9. Please assess the impact of various types of standards on the success at public tenders.

Assessment on a scale from -3 (very negative) to +3 (very positive)

[illegible]



	-3 (very negative)	-2	-1	0 (no impact)	+1	+2	+3 (very positive)	Not applicable
Informal consortia standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
De-facto standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internal company standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
External company standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section F: 3. Standardization activities

The following section contains questions regarding the resource input necessary for standardisation work.

F1. In which standardization organizations was {A2RDcalcNOMAKK} represented in 2020?

Please indicate in how many committees of the following institutions {A2RDcalcNOMAKK} was active in 2020.

	0	1	2 - 5	6 - 10	> 10
DIN (German Institute for Standardization e. V.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DKE (German Commission for Electrical, Electronic & Information Technologies of DIN and VDE)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CEN (European Committee for Standardization)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CENELEC (European Committee for Electrotechnical Standardization)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ETSI (European Telecommunications Standards Institute)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ISO (International Organization for Standardization)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IEC (International Electrotechnical Commission)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITU (International Telecommunication Union)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

F2. In which standardization organizations is {A2RDcalcNOMAKK} currently represented ?

Please indicate in how many committees of the following institutions {A2RDcalcNOMAKK} has been active since the beginning of the year.

	0	1	2 - 5	6 - 10	> 10
DIN (German Institute for Standardization e. V.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DKE (German Commission for Electrical, Electronic & Information Technologies of DIN and VDE)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CEN (European Committee for Standardization)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CENELEC (European Committee for Electrotechnical Standardization)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ETSI (European Telecommunications Standards Institute)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



	0	1	2 - 5	6 - 10	> 10
ISO (International Organization for Standardization)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IEC (International Electrotechnical Commission)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ITU (International Telecommunication Union)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



F3. Was {A2RDcalcNOMAKK} represented in standardization consortia

```
in 2020? $(document).ready(function(){ var qid = "13040";
$('#question'+qid+'.answer_cell_00SQ001
option[value=1]').text('Yes'); $('#question'+qid+'.
answer_cell_00SQ001 option[value=2]').text('No');
$('#question'+qid+'.answer_cell_00SQ001
option[value=]').text('N/A'); $('#question'+qid+'.
answer_cell_00SQ001 option[value=3]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=4]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=5]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=6]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=7]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=8]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=9]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=10]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=11]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=12]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=13]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=14]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=15]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=16]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=17]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=18]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=19]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=20]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=21]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=22]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=23]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=24]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=25]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=26]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=27]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=28]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=29]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=30]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=31]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ002
option[value=]').text('N/A'); $('#question'+qid+'.
answer_cell_00SQ002 option[value=31]').text('> 30'); });
```



F4. Is {A2RDcalcNOMAKK} currently represented in standardization

```
consortia? $(document).ready(function(){ var qid = "13040";
$('#question'+qid+'.answer_cell_00SQ001
option[value=1]').text('Yes'); $('#question'+qid+'.
answer_cell_00SQ001 option[value=2]').text('No');
$('#question'+qid+'.answer_cell_00SQ001
option[value=3]').text('N/A'); $('#question'+qid+'.
answer_cell_00SQ001 option[value=4]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=5]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=6]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=7]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=8]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=9]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=10]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=11]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=12]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=13]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=14]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=15]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=16]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=17]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=18]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=19]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=20]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=21]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=22]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=23]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=24]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=25]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=26]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=27]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=28]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=29]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ001
option[value=30]').text('').remove(); $('#question'+qid+'.
answer_cell_00SQ001 option[value=31]').text('').remove();
$('#question'+qid+'.answer_cell_00SQ002
option[value=31]').text('N/A'); $('#question'+qid+'.
answer_cell_00SQ002 option[value=31]').text('> 30'); });
```

Please state in how many consortia {A2RDcalcNOMAKK} was active at various regional levels since the beginning of this year



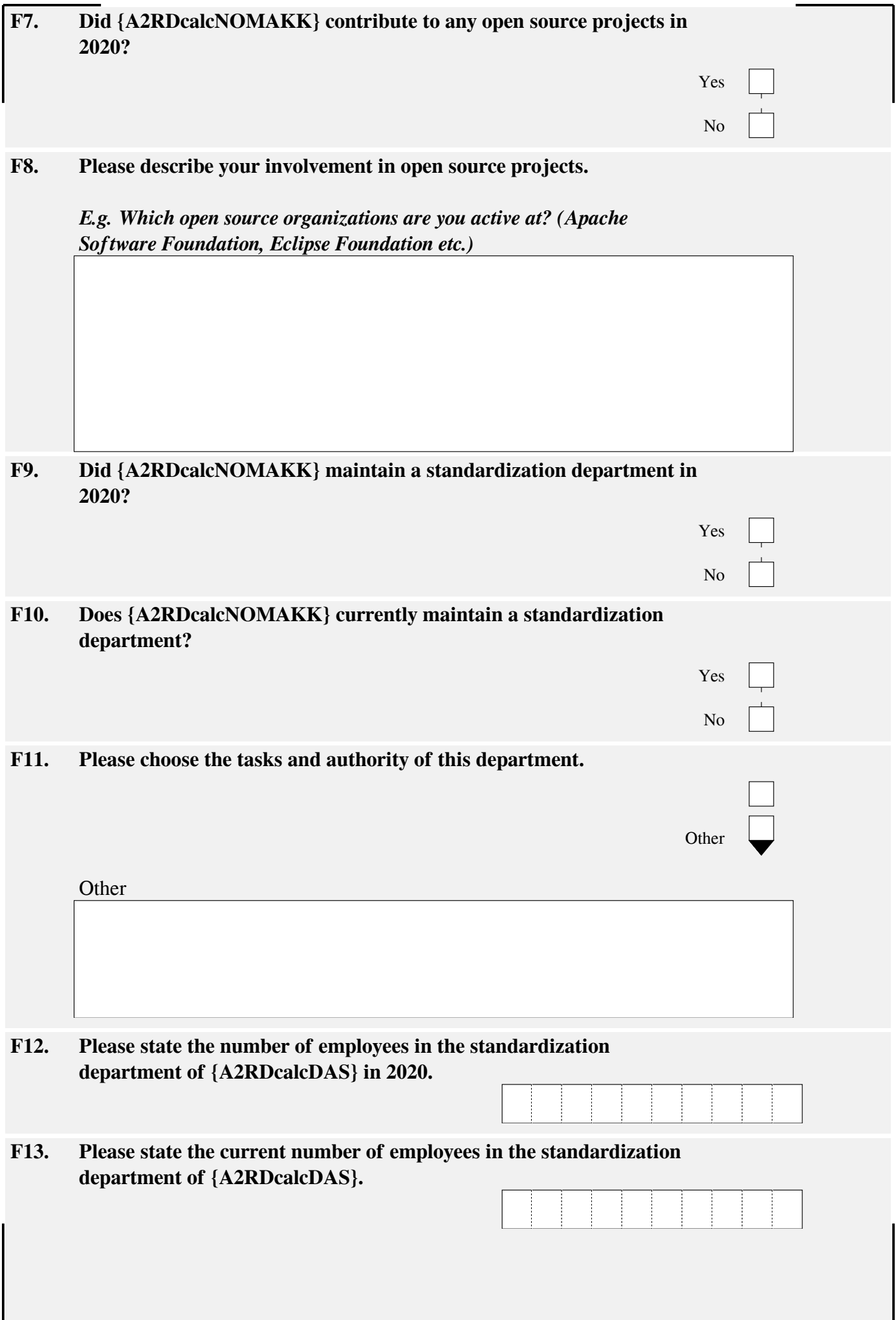
F5. In which specific standardization consortia was {A2RDcalcNOMAKK} represented in 2020?

You can state the specific names of the consortia in which {A2RDcalcNOMAKK} was represented in the text boxes.

--

F6. Please assess the influence of the following criteria on the decision of {A2RDcalcNOMAKK} to participate in consortia compared to formal standardization committees.

	major advantage consortia	minor advantage consortia	neutral / co mplementar y	minor advantage formal standardization	major advantage formal standardization
Reputation of the consortium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Personnel costs of participation (time)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fees	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Costs for documents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Speed of the processes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Decision-making (majority instead of consensus)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Participants (competitors, customers or suppliers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of users of standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Type of the users of the standards (e.g. government, large customers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regulation on patents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Regulation on copyright	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use of open source mechanisms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Use of open source contents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Positive experience in the past	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Personal contacts to other members	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Impact on government regulation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Monitoring of the expertise of the other participants	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Capability to solve technical problems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>





F14. Change in number compared to 2019

Increased	<input type="checkbox"/>
No change	<input type="checkbox"/>
Decreased	<input type="checkbox"/>
No answer	<input type="checkbox"/>

F15. Please estimate the approximate total costs of all standardization activities of {A2RDcalcDAS} in 2020 and the change in total costs compared to 2019.

Total personnel and travel costs including miscellaneous costs, e.g. membership fees.

	- keine Angabe -	0 - 1.000 €	1.001 - 10.000 €	10.001 - 100.000 €	100.001 - 1 Million €	> 1 Million - 10 Millionen €	> 10 Millionen €
Total costs of standardization activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

F16. Change in total costs compared to 2019

Increased	<input type="checkbox"/>
No change	<input type="checkbox"/>
Decreased	<input type="checkbox"/>
No answer	<input type="checkbox"/>

F17. Change in total costs since the beginning of the coronavirus pandemic.

Increased	<input type="checkbox"/>
No change	<input type="checkbox"/>
Decreased	<input type="checkbox"/>
No answer	<input type="checkbox"/>



Section G: 4. General information

Notice: In the following section, you will be asked general questions about {A2RDcalcNOMAKK} . Please answer all questions with regard to the same reference. The gathered data is treated confidentially and is anonymised for statistical analyses.

G1. Please state your position {A2RDcalcIN}:

- | | |
|-------------------------------------|--------------------------|
| Education, training | <input type="checkbox"/> |
| Procurement, materials management | <input type="checkbox"/> |
| Export | <input type="checkbox"/> |
| Finance, accounting | <input type="checkbox"/> |
| Research, development | <input type="checkbox"/> |
| Executive management, plant manager | <input type="checkbox"/> |
| IT, data processing | <input type="checkbox"/> |
| Construction | <input type="checkbox"/> |
| Logistiks, storage, transportation | <input type="checkbox"/> |
| Marketing | <input type="checkbox"/> |
| Standardization | <input type="checkbox"/> |
| Human resources, social affairs | <input type="checkbox"/> |
| Production, manufacturing | <input type="checkbox"/> |
| Quality management | <input type="checkbox"/> |
| Services, technical support | <input type="checkbox"/> |
| Miscellaneous | <input type="checkbox"/> |
| Distribution, sales | <input type="checkbox"/> |
| Administration, organization | <input type="checkbox"/> |

G2. How many employees worked in {A2RDcalcNOMAKK} in total in 2020?

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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G3. Change in number compared to 2019

- | | |
|-----------|--------------------------|
| Increased | <input type="checkbox"/> |
| No change | <input type="checkbox"/> |
| Decreased | <input type="checkbox"/> |
| No answer | <input type="checkbox"/> |



	-3 (very unimportant)	-2	-1	0	+1	+2	+3 (very important)
National non-university research institutions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
National suppliers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
National competitors/ businesses in your industry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
National business consultants/ commercial R&D service providers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
National customers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

G9. How often did {A2RDcalcNOMAKK} cooperate in research and development activities with the following international organisations in 2020?

Assessment on a scale from -3 (very rarely) to +3 (very frequently)

	-3 (very unimportant)	-2	-1	0	+1	+2	+3 (very important)
International public and private universities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
International non-university research institutions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
International suppliers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
International competitors/ businesses in your industry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
International business consultants/ commercial R&D service providers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
International customers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

G10. How many employees do currently work in {A2RDcalcNOMAKK}?

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Thank you very much for your cooperation and kind support.