

Deutsches Normungspanel 2023

THE GERMAN STANDARDISATION PANEL 2023

Welcome to the German Standardisation Panel 2023 Survey!

General information

What is the aim of the survey?

The goal of the German Standardisation Panel is to record the standardisation strategies of German companies. The survey serves as a source of information for future decisions by both the standard-setting organisations and the stakeholders active in standardisation and by companies that were not yet involved in standardisation.

The German Standardisation Panel also intends to collect long-term data, which will be available for standardisation research. The annual survey always begins on October 14, World Standards Day. This year, the first survey round of the European Standardisation Panel is taking place in parallel.

The German Standardisation Panel is conducted by the department of Innovation Economics at the Technical University of Berlin on behalf of DIN (German Institute for Standardisation) and DKE (German Commission for Electrical Engineering Electronics and Information Technologies). It is under the patronage of the German Federal Ministry of Economics and Climate Action (BMWK).

Structure of the questionnaire

This year's questionnaire is structured as follows:

- **Importance of standards:** Questions on the importance, use, and implementation of standards, as well as on other aspects of technical rules.
- **Standardisation activities:** Questions about the use of resources for standards and standardisation activities.
- **General information:** Questions about general characteristics of your organisation, including, but not limited to, information that can be found in your annual report.
- **Influence of research on standardisation:** Questions about the role of research for standards development.
- **Importance of European Standardisation**

What is your immediate benefit?

After completing the survey, the results will become available exclusively to the survey participants. Later, after we compared all your companies that responded to our survey, we organise a research report that will be openly available to a broader audience.

Important Information

- You can participate in the survey until December 31, 2022
- By logging in, **you can edit or save the survey several times** and thus supplement your information, until it is completed
- To complete the questionnaire, you must enable **JavaScript** in your browser.
- You can complete the survey with the current versions of all common internet browsers.
- Filling out the questionnaire **takes about 30 minutes**.
- In addition to entering data with the mouse, **you can use the tab and arrow keys** as a convenient alternative to making your entries quickly.
- **All data will be treated with absolute confidentiality and only be used anonymously for statistical evaluations.**

Contact

For further information on the project, please visit

<https://www.normungspanel.de/en>. (<https://www.normungspanel.de/>)

If you have further questions, please contact:

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Privacy policy (<https://www.normungspanel.de/privacy-policy/>)

There are 111 questions in this survey.

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.

```
{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"))}
```

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

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

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

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

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

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

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

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

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

Please choose **only one** of the following:

- The view of the business group
- My expertise as an individual
- The view of the company

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.

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

Only answer this question if the following conditions are met:

Answer was 'The view of the company' or 'My expertise as an individual' at question ' [A]'
(From which point of view will you be answering the following question?)

Please choose **only one** of the following:

- 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

Please choose one of the following answers

In which country are your headquarters located?

Only answer this question if the following conditions are met:

Answer was 'No, an individual enterprise with headquarters abroad' or 'Yes, an international business group with headquarters abroad' at question ' [B]' (Does your company belong to a group of companies or an association of several companies?)

🗳️ Choose one of the following answers

Please choose **only one** of the following:

- 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
- Bolivia

- Bosnia And Herzegovina
- Botswana
- Bouvet Island
- Brazil
- British Indian Ocean Territory
- Brunei Darussalam
- Bulgaria
- Burkina Faso
- Burundi
- Cambodia
- Cameroon
- Canada
- Cape Verde
- Cayman Islands
- Central African Republic
- Chad
- Chile
- China
- Christmas Island
- Cocos (Keeling) Islands
- Colombia
- Comoros
- Congo
- Congo, The Democratic Republic Of The
- Cook Islands
- Costa Rica
- Cote D'ivoire
- Croatia
- Cuba
- Cyprus
- Czechia
- Denmark
- Djibouti
- Dominica
- Dominican Republic
- Ecuador

- Egypt
- El Salvador
- Equatorial Guinea
- Eritrea
- Estonia
- Ethiopia
- Falkland Islands (Malvinas)
- Faroe Islands
- Fiji
- Finland
- France
- French Guiana
- French Polynesia
- French Southern Territories
- Gabon
- Gambia
- Georgia
- Ghana
- Gibraltar
- Greece
- 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
- Kiribati
- Korea, Democratic People's Republic Of
- Korea, Republic Of
- Kuwait
- Kyrgyzstan
- Lao People's Democratic Republic
- Latvia
- Lebanon
- Lesotho
- Liberia
- Libyan Arab Jamahiriya
- Liechtenstein
- Lithuania
- Luxembourg
- Macao
- Macedonia, The Former Yugoslav Republic Of
- Madagascar
- Malawi
- Malaysia
- Maldives
- Mali
- Malta

- Marshall Islands
- Martinique
- Mauritania
- Mauritius
- Mayotte
- Mexico
- Micronesia, Federated States Of
- Moldova, Republic Of
- Monaco
- Mongolia
- Montenegro
- Montserrat
- Morocco
- Mozambique
- Myanmar
- Namibia
- Nauru
- Nepal
- Netherlands
- Netherlands Antilles
- New Caledonia
- New Zealand
- Nicaragua
- Niger
- Nigeria
- Niue
- Norfolk Island
- Northern Mariana Islands
- Norway
- Oman
- Pakistan
- Palau
- Palestinian Territory, Occupied
- Panama
- Papua New Guinea
- Paraguay

- Peru
- Philippines
- Pitcairn
- Poland
- Portugal
- Puerto Rico
- Qatar
- Reunion
- Romania
- Russian Federation
- Rwanda
- Saint Helena
- Saint Kitts And Nevis
- Saint Lucia
- Saint Pierre And Miquelon
- Saint Vincent And The Grenadines
- Samoa
- San Marino
- Sao Tome And Principe
- Saudi Arabia
- Senegal
- Serbia
- Seychelles
- Sierra Leone
- Singapore
- Slovakia
- Slovenia
- Solomon Islands
- Somalia
- South Africa
- South Georgia And The South Sandwich Islands
- Spain
- Sri Lanka
- Sudan
- Suriname
- Svalbard And Jan Mayen

- Swaziland
- Sweden
- Switzerland
- Syrian Arab Republic
- Taiwan, Province Of China
- Tajikistan
- Tanzania, United Republic Of
- Thailand
- Timor-leste
- Togo
- Tokelau
- Tonga
- Trinidad And Tobago
- Tunisia
- Turkey
- Turkmenistan
- Turks And Caicos Islands
- Tuvalu
- Uganda
- Ukraine
- United Arab Emirates
- 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

Please state the main business activity (industry) of your company in 2022. 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 **only one** of the following:

- 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

Please choose one of the following answers

Please state the full name of
{A2RDcalcDAS}.

Only answer this question if the following conditions are met:

Answer was 'My expertise as an individual' or 'The view of the company' at question ' [A]'
(From which point of view will you be answering the following question?)

Please write your answer here:

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

Did you attend special courses on
standardisation at universities/colleges or
other higher educational institutions before
joining your company or while within your
company?

Please choose **only one** of the following:

- Yes
 No

Please indicate to which age group you belong:

🗳️ Choose one of the following answers

Please choose **only one** of the following:

- below 30
- between 30 and 39
- between 40 and 49
- between 50 and 59
- between 60 and 69
- between 70 and 79
- above 80

Which gender do you most identify with?

🗳️ Choose one of the following answers

Please choose **only one** of the following:

- male
- female
- diverse

If you have any comments on this question group, we welcome your feedback:

Please write your answer here:

1. Significance of standards and

specifications

Explanation of the standard types:

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.

- **Formal standards** are developed in the committees of the DIN e.V. or DKE in full consensus of all interested parties.
- **Specifications** (e.g. DIN SPEC) are developed by experts in formal standardisation organisations (e.g. DIN e.V. or DKE), but, like technical rules, are **not** adopted in full consensus decisions (by associations such as VDI, VDMA, VDE).
- Informal **consortia standards** are developed by a select group of companies in consortia (and thus outside the formal standardisation organisations).
- **De-facto standards** are **not** developed by consortia, but result from the demand behavior in the market (e.g. Microsoft Windows).
- **Internal company standards** are developed within a company and are used company-specifically by the company itself or by cooperating companies (e.g. suppliers).
- **External company standards** are company standards originally developed by other companies (e.g. purchasers / buyers) and then introduced internally.

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

Please choose the appropriate response for each item:

	-3 (very unimportant)	-2	-1	0	+1	+2	+3 (very important)
Formal standards for National Level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical rules or specification for National Level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informal consortia standards for National Level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
De-facto standards for National Level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Assessment on a scale from -3 (very unimportant) to +3 (very important)
(various standard types are explained in the help text above)

How important are the following types of standards established on **European level** for {A2RDcalcNOMAKK}? *

Please choose the appropriate response for each item:

	-3 (very unimportant)	-2	-1	0	+1	+2	+3 (very important)
Formal standards for European Level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical rules or specification for European Level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informal consortia standards for European Level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
De-facto standards for European Level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Assessment on a scale from -3 (very unimportant) to +3 (very important)
(various standard types are explained in the help text above)

How important are the following types of standards established on **international level** for {A2RDcalcNOMAKK}? *

Please choose the appropriate response for each item:

	-3 (very unimportant)	-2	-1	0	+1	+2	+3 (very important)
Formal standards for International Level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical rules and specifications for International Level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informal consortia standards for International Level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Da-facto standards for International Level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Assessment on a scale from -3 (very unimportant) to +3 (very important)
(various standard types are explained in the help text above)

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

Please choose the appropriate response for each item:

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

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

Please indicate the number of standards utilised by {A2RDcalcNOMAKK} in 2022.

Please choose the appropriate response for each item:

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

Please indicate whether or not {A2RDcalcNOMAKK} was certified according to the following ISO standards in 2022.

Please choose the appropriate response for each item:

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

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

Only answer this question if the following conditions are met:

Answer was 'Yes' at question ' [A14]' (Please indicate whether or not {A2RDcalcNOMAKK} was certified according to the following ISO standards in 2022. (ISO 9001 (Quality management system standard)))

- 🚫 Your answer must be between 1987 and 2022
- 🚫 Only an integer value may be entered in this field.

Please write your answer here:

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

Only answer this question if the following conditions are met:

Answer was 'No' at question ' [A14]' (Please indicate whether or not {A2RDcalcNOMAKK} was certified according to the following ISO standards in 2022. (ISO 9001 (Quality management system standard)))

Please choose **only one** of the following:

Yes

No

Please choose one of the following answers

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

Only answer this question if the following conditions are met:

Answer was 'Yes' at question ' [A14]' (Please indicate whether or not {A2RDcalcNOMAKK} was certified according to the following ISO standards in 2022. (ISO 14001 (Environmental management system standard)))

🚫 Your answer must be between 1996 and 2022

🚫 Only an integer value may be entered in this field.

Please write your answer here:

Please enter the year of initial certification

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

Only answer this question if the following conditions are met:

Answer was 'No' at question ' [A14]' (Please indicate whether or not {A2RDcalcNOMAKK} was certified according to the following ISO standards in 2022. (ISO 14001 (Environmental management system standard)))

Please choose **only one** of the following:

Yes

No

Please choose one of the following answers

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

Only answer this question if the following conditions are met:

Answer was 'Yes' at question ' [A14]' (Please indicate whether or not {A2RDcalcNOMAKK} was certified according to the following ISO standards in 2022. (ISO/IEC 27001 (Information security management system standard)))

- 🚫 Your answer must be between 2005 and 2022
- 🚫 Only an integer value may be entered in this field.

Please write your answer here:

Please enter the year of initial certification

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

Only answer this question if the following conditions are met:

Answer was 'No' at question ' [A14]' (Please indicate whether or not {A2RDcalcNOMAKK} was certified according to the following ISO standards in 2022. (ISO/IEC 27001 (Information security management system standard)))

Please choose **only one** of the following:

- Yes
- No

Please choose one of the following answers

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

Only answer this question if the following conditions are met:

Answer was 'Yes' at question ' [A14]' (Please indicate whether or not {A2RDcalcNOMAKK} was certified according to the following ISO standards in 2022. (ISO 500001 (Energy management system standard)))

- 🚫 Your answer must be between 2008 and 2022
- 🚫 Only an integer value may be entered in this field.

Please write your answer here:

Please enter the year of initial certification

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

Only answer this question if the following conditions are met:

Answer was 'No' at question ' [A14]' (Please indicate whether or not {A2RDcalcNOMAKK} was certified according to the following ISO standards in 2022. (ISO 500001 (Energy management system standard)))

Please choose **only one** of the following:

- Yes
- No

Please choose one of the following answers

Please indicate which other certifications your company obtained in 2022.

Only answer this question if the following conditions are met:

Answer was 'Yes' at question ' [A14]' (Please indicate whether or not {A2RDcalcNOMAKK} was certified according to the following ISO standards in 2022. (Other))

Please write your answer(s) here:

Other

If you have any comments on this question group, we welcome your feedback:

Please write your answer here:

2. Significance of standards and specifications

Please assess the impact of standards on various factors relevant to {A2RDcalcERF}.

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

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	+1	+2	+3 (very positive)
Formal standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical rules or specifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informal consortia standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
De-facto standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internal company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
External company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

Please assess the impact of various standards on the **fulfillment of formal and informal market entry conditions.**

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	+1	+2	+3 (very positive)
Formal standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical rules or specifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informal consortia standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
De-facto standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internal company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
External company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

Please assess the impact of various standards on the **realisation of technical interoperability**.

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	+1	+2	+3 (very positive)
Formal standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical rules or specifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informal consortia standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
De-facto standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internal company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
External company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	+1	+2	+3 (very positive)
Formal standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical rules or specifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informal consortia standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
De-facto standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internal company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
External company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	+1	+2	+3 (very positive)
Formal standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical rules or specifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informal consortia standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
De-facto standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internal company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
External company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	+1	+2	+3 (very positive)
Formal standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical rules or specifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informal consortia standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
De-facto standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internal company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
External company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

Please assess the impact of various standards on the **optimisation of research, development, and innovation activities.**

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	+1	+2	+3 (very positive)
Formal standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical rules or specifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informal consortia standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
De-facto standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internal company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
External company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

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

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	+1	+2	+3 (very positive)
Formal standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical rules or specifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informal consortia standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
De-facto standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internal company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
External company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

Please assess the impact of various types of standards on organisational **sustainability**.

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	+1	+2	+3 (very positive)
Formal standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical rules or specifications	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informal consortia standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
De-facto standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internal company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
External company standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

Please assess the impact of various types of standards on the organisational **resilience**.

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	+1	+2	+3 (very positive)
Formal standards	<input type="radio"/>						
Technical rules or specifications	<input type="radio"/>						
Informal consortia standards	<input type="radio"/>						
De-facto standards	<input type="radio"/>						
Internal company standards	<input type="radio"/>						
External company standards	<input type="radio"/>						

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

Organisational resilience is the ability of a company to withstand external shocks or upheavals in the social, economic, or political environment and to adapt to new conditions (Gabler Wirtschaftslexikon, 2022).

If you have any comments on this question group, we welcome your feedback:

Please write your answer here:

3. Standardisation activities

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

In which **standardisation organisations** was {A2RDcalcNOMAKK} represented in **2022**? *

Only answer this question if the following conditions are met:

Answer was 'The view of the business group' or 'My expertise as an individual' or 'The view of the company' at question ' [A]' (From which point of view will you be answering the following question?)

Please choose the appropriate response for each item:

	0	1	2 - 5	6 - 10	> 10
DIN (German Institute for Standardisation e. V.)	<input type="radio"/>				
DKE (German Commission for Electrotechnical Electronic & Information Technologies)	<input type="radio"/>				
CEN (European Committee for Standardisation)	<input type="radio"/>				
CENELEC (European Committee for Electrotechnical Standardisation)	<input type="radio"/>				
ETSI (European Telecommunications Standards Institute)	<input type="radio"/>				
ISO (International Organisation for Standardisation)	<input type="radio"/>				
IEC (International Electrotechnical Commission)	<input type="radio"/>				

	0	1	2 - 5	6 - 10	> 10
ITU (International Telecommunication Union)	<input type="radio"/>				

Please indicate in how many committees of the following institutions {A2RDcalcNOMAKK} was active in 2022.

In which standardisation organisations is {A2RDcalcNOMAKK} **currently** represented? ? *

Only answer this question if the following conditions are met:

Answer was 'My expertise as an individual' or 'The view of the company' or 'The view of the business group' at question ' [A]' (From which point of view will you be answering the following question?)

Please choose the appropriate response for each item:

	0	1	2 - 5	6 - 10	> 10
DIN (German Institute for Standardisation e. V.)	<input type="radio"/>				
DKE (German Commission for Electrotechnical Electronic & Information Technologies)	<input type="radio"/>				
CEN (European Committee for Standardisation)	<input type="radio"/>				
CENELEC (European Committee for Electrotechnical Standardisation)	<input type="radio"/>				
ETSI (European Telecommunications Standards Institute)	<input type="radio"/>				
ISO (International Organisation for Standardisation)	<input type="radio"/>				
IEC (International Electrotechnical Commission)	<input type="radio"/>				

	0	1	2 - 5	6 - 10	> 10
ITU (International Telecommunication Union)	<input type="radio"/>				

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

Was {A2RDcalcNOMAKK} represented in standardisation **consortia** in 2022?

Only answer this question if the following conditions are met:

((A.NAOK (/questionAdministration/view/surveyid/681978/gid/1418/qid/53819) == "A1" or
A.NAOK (/questionAdministration/view/surveyid/681978/gid/1418/qid/53819) == "A2" or
A.NAOK (/questionAdministration/view/surveyid/681978/gid/1418/qid/53819) == "A3"))

Please choose the appropriate response for each item:

	0	1	2 - 5	6 - 10	> 10
National consortia	<input type="radio"/>				
European consortia	<input type="radio"/>				
International consortia	<input type="radio"/>				

Please state in how many consortia {A2RDcalcNOMAKK} was active at various regional levels in 2022.

Is {A2RDcalcNOMAKK} **currently** represented in standardisation consortia?

Only answer this question if the following conditions are met:

((A.NAOK (/questionAdministration/view/surveyid/681978/gid/1418/qid/53819) == "A1" or A.NAOK (/questionAdministration/view/surveyid/681978/gid/1418/qid/53819) == "A2" or A.NAOK (/questionAdministration/view/surveyid/681978/gid/1418/qid/53819) == "A3"))

Please choose the appropriate response for each item:

	0	1	2 - 5	6 - 10	> 10
National consortia	<input type="radio"/>				
European consortia	<input type="radio"/>				
International consortia	<input type="radio"/>				

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

In which specific standardisation consortia was {A2RDcalcNOMAKK} represented?

Only answer this question if the following conditions are met:

((A311_SQ001.NAOK (/questionAdministration/view/surveyid/681978/gid/1420/qid/53873) == "A2" or A311_SQ001.NAOK (/questionAdministration/view/surveyid/681978/gid/1420/qid/53873) == "A3" or A311_SQ001.NAOK (/questionAdministration/view/surveyid/681978/gid/1420/qid/53873) == "A4" or A311_SQ001.NAOK (/questionAdministration/view/surveyid/681978/gid/1420/qid/53873) == "A5")) or ((A311_SQ002.NAOK (/questionAdministration/view/surveyid/681978/gid/1420/qid/53873) == "A2" or A311_SQ002.NAOK (/questionAdministration/view/surveyid/681978/gid/1420/qid/53873) == "A3" or A311_SQ002.NAOK (/questionAdministration/view/surveyid/681978/gid/1420/qid/53873) == "A4" or A311_SQ002.NAOK (/questionAdministration/view/surveyid/681978/gid/1420/qid/53873) == "A5")) or ((A311_SQ003.NAOK (/questionAdministration/view/surveyid/681978/gid/1420/qid/53873) == "A2" or A311_SQ003.NAOK (/questionAdministration/view/surveyid/681978/gid/1420/qid/53873) == "A3" or A311_SQ003.NAOK (/questionAdministration/view/surveyid/681978/gid/1420/qid/53873) == "A4" or A311_SQ003.NAOK (/questionAdministration/view/surveyid/681978/gid/1420/qid/53873) == "A5"))

Please write your answer here:

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

Please evaluate the working environment in the **national standardisation bodies.**

Only answer this question if the following conditions are met:

----- Scenario 1 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31]' (In which standardisation organisations was {A2RDcalcNOMAKK} represented in 2022? (DIN (German Institute for Standardisation e. V.)))

----- or Scenario 2 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31]' (In which standardisation organisations was {A2RDcalcNOMAKK} represented in 2022? (DKE (German Commission for Electrotechnical Electronic & Information Technologies)))

----- or Scenario 3 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31x]' (In which standardisation organisations is {A2RDcalcNOMAKK} currently represented ? (DIN (German Institute for Standardisation e. V.)))

----- or Scenario 4 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31x]' (In which standardisation organisations is {A2RDcalcNOMAKK} currently represented ? (DKE (German Commission for Electrotechnical Electronic & Information Technologies)))

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	1	2	+3 (very positive)
Participation costs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travel expenses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extent of participation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diversity of participation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speed of the processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of informal exchange	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of exchange information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	-3 (very negative)	-2	-1	0 (no impact)	1	2	+3 (very positive)
Finding consensus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall quality of the process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of the result	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please evaluate the working environment in the **European standardisation bodies.**

Only answer this question if the following conditions are met:

----- Scenario 1 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31]' (In which standardisation organisations was {A2RDcalcNOMAKK} represented in 2022? (CEN (European Committee for Standardisation)))

----- or Scenario 2 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31]' (In which standardisation organisations was {A2RDcalcNOMAKK} represented in 2022? (CENELEC (European Committee for Electrotechnical Standardisation)))

----- or Scenario 3 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31]' (In which standardisation organisations was {A2RDcalcNOMAKK} represented in 2022? (ETSI (European Telecommunications Standards Institute)))

----- or Scenario 4 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31x]' (In which standardisation organisations is {A2RDcalcNOMAKK} currently represented ? (CEN (European Committee for Standardisation)))

----- or Scenario 5 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31x]' (In which standardisation organisations is {A2RDcalcNOMAKK} currently represented ? (CENELEC (European Committee for Electrotechnical Standardisation)))

----- or Scenario 6 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31x]' (In which standardisation organisations is {A2RDcalcNOMAKK} currently represented ? (ETSI (European Telecommunications Standards Institute)))

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	1	2	+3 (very positive)
Participation costs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travel expenses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extent of participation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diversity of participation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speed of the processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	-3 (very negative)	-2	-1	0 (no impact)	1	2	+3 (very positive)
Quality of informal exchange	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of exchange information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Finding consensus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall quality of the process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of the result	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please evaluate the working environment in the **international standardisation bodies.**

Only answer this question if the following conditions are met:

----- Scenario 1 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31]' (In which standardisation organisations was {A2RDcalcNOMAKK} represented in 2022? (ISO (International Organisation for Standardisation)))

----- or Scenario 2 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31]' (In which standardisation organisations was {A2RDcalcNOMAKK} represented in 2022? (IEC (International Electrotechnical Commission)))

----- or Scenario 3 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31]' (In which standardisation organisations was {A2RDcalcNOMAKK} represented in 2022? (ITU (International Telecommunication Union)))

----- or Scenario 4 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31x]' (In which standardisation organisations is {A2RDcalcNOMAKK} currently represented ? (ISO (International Organisation for Standardisation)))

----- or Scenario 5 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31x]' (In which standardisation organisations is {A2RDcalcNOMAKK} currently represented ? (IEC (International Electrotechnical Commission)))

----- or Scenario 6 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A31x]' (In which standardisation organisations is {A2RDcalcNOMAKK} currently represented ? (ITU (International Telecommunication Union)))

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	1	2	+3 (very positive)
Participation costs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travel expenses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extent of participation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diversity of participation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speed of the processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	-3 (very negative)	-2	-1	0 (no impact)	1	2	+3 (very positive)
Quality of informal exchange	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of exchange information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Finding consensus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall quality of the process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of the result	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please evaluate the working environment in the **national consortia**.

Only answer this question if the following conditions are met:

----- Scenario 1 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A311]' (Was {A2RDcalcNOMAKK} represented in standardisation consortia in 2022? \$(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=1]').text('N/A'); \$('#question'+qid+' .answer_cell_00SQ002 option[value=31]').text('> 30'); }); (National consortia)

----- or Scenario 2 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A311x]' (Is {A2RDcalcNOMAKK} currently represented in standardisation 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();

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.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'); }); (National consortia))
```

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	1	2	+3 (very positive)
Participation costs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travel expenses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extent of participation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diversity of participation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speed of the processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of informal exchange	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	-3 (very negative)	-2	-1	0 (no impact)	1	2	+3 (very positive)
Quality of exchange information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Finding consensus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall quality of the process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of the result	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please evaluate the working environment in the **European consortia**.

Only answer this question if the following conditions are met:

----- Scenario 1 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A311]' (Was {A2RDcalcNOMAKK} represented in standardisation consortia in 2022? \$(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=1]').text('N/A'); \$('#question'+qid+' .answer_cell_00SQ002 option[value=31]').text('> 30'); }); (European consortia))

----- or Scenario 2 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A311x]' (Is {A2RDcalcNOMAKK} currently represented in standardisation 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();

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.answer_cell_00SQ002 option[value=]').text('N/A'); $('#question'+qid+'
.answer_cell_00SQ002 option[value=31]').text('> 30'); }); (European consortia))
```

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	1	2	+3 (very positive)
Participation costs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travel expenses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extent of participation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diversity of participation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speed of the processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of informal exchange	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	-3 (very negative)	-2	-1	0 (no impact)	1	2	+3 (very positive)
Quality of exchange information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Finding consensus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall quality of the process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of the result	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please evaluate the working environment in the **international consortia**.

Only answer this question if the following conditions are met:

----- Scenario 1 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A311]' (Was {A2RDcalcNOMAKK} represented in standardisation consortia in 2022? \$(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=1]').text('N/A'); \$('#question'+qid+' .answer_cell_00SQ002 option[value=31]').text('> 30'); }); (International consortia))

----- or Scenario 2 -----

Answer was '1' or '2 - 5' or '6 - 10' or '> 10' at question ' [A311x]' (Is {A2RDcalcNOMAKK} currently represented in standardisation 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();

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.answer_cell_00SQ002 option[value=]').text('N/A'); $('#question'+qid+'
.answer_cell_00SQ002 option[value=31]').text('> 30'); }); (International consortia))
```

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	1	2	+3 (very positive)
Participation costs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travel expenses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extent of participation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diversity of participation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speed of the processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of informal exchange	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	-3 (very negative)	-2	-1	0 (no impact)	1	2	+3 (very positive)
Quality of exchange information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Finding consensus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall quality of the process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of the result	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Did {A2RDcalcNOMAKK} maintain a **standardisation department** in 2022? *

Only answer this question if the following conditions are met:

Answer was 'The view of the company' or 'The view of the business group' or 'My expertise as an individual' at question ' [A]' (From which point of view will you be answering the following question?)

Please choose **only one** of the following:

- Yes
 No

Does {A2RDcalcNOMAKK} **currently** maintain a standardisation department? *

Only answer this question if the following conditions are met:

Answer was 'The view of the company' or 'The view of the business group' or 'My expertise as an individual' at question ' [A]' (From which point of view will you be answering the following question?)

Please choose **only one** of the following:

- Yes
 No

Please state the number of employees in the standardisation department of {A2RDcalcDAS} in 2022.

Only answer this question if the following conditions are met:

Answer was 'The view of the company' or 'My expertise as an individual' at question ' [A]' (From which point of view will you be answering the following question?) *and* Answer was 'Yes' at question ' [A33]' (Did {A2RDcalcNOMAKK} maintain a standardisation department in 2022?)

- 🚫 Your answer must be between 1 and 5000
- 🚫 Only an integer value may be entered in this field.

Please write your answer here:

Please state the **current** number of employees in the standardisation department of {A2RDcalcDAS}.

Only answer this question if the following conditions are met:

Answer was 'The view of the company' or 'My expertise as an individual' at question ' [A]' (From which point of view will you be answering the following question?) *and* Answer was 'Yes' at question ' [A33x]' (Does {A2RDcalcNOMAKK} currently maintain a standardisation department?)

- 🚫 Your answer must be between 1 and 5000
- 🚫 Only an integer value may be entered in this field.

Please write your answer here:

Change in number compared to 2021.

Only answer this question if the following conditions are met:

Answer was NOT '' at question ' [A332]' (Please state the number of employees in the standardisation department of {A2RDcalcDAS} in 2022.)

Please choose **only one** of the following:

- Increased
- No change
- Decreased
- No answer

Please estimate the approximate total costs of all standardisation activities of {A2RDcalcDAS} in 2022 and the change in total costs compared to 2021.

Only answer this question if the following conditions are met:

Answer was 'My expertise as an individual' or 'The view of the company' at question ' [A]' (From which point of view will you be answering the following question?)

Please choose the appropriate response for each item:

	- no answer	0 - 1.000 €	1.001 - 10.000 €	10.001 - 100.000 €	100.001 - 1 Million €	> 1 Million - 10 Million €	> 10 Million €
Total costs of standardisation activities	<input type="radio"/>	<input type="radio"/>					

Total personnel and travel costs including miscellaneous costs, e.g. membership fees in 2022.

Change in total costs compared to 2022.

Only answer this question if the following conditions are met:

Answer was 'The view of the company' or 'My expertise as an individual' at question ' [A]'
(From which point of view will you be answering the following question?)

Please choose **only one** of the following:

- Increased
- No change
- Decreased
- No answer

If you have any comments on this question group, we welcome your feedback:

Please write your answer here:

4. General information

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

Please state your position {A2RDcalcIN}:

🗳️ Choose one of the following answers

Please choose **only one** of the following:

- Education, training
- Procurement, materials management
- Export
- Finance, Accounting
- Research, Development
- Executive management, plant manager
- IT, data processing
- Construction
- Logistics, storage, transportation
- Marketing
- Standardisation
- Human resources, social affairs
- Production, manufacturing
- Quality management
- Services, technical support
- Miscellaneous
- Distribution, sales
- Administration, organisation

If you checked "Other," describe your activity in this field:

Only answer this question if the following conditions are met:

((A41 (/questionAdministration/view/surveyid/681978/gid/1421/qid/53861) == "Sonstige"))

Please write your answer here:

How many employees worked in {A2RDcalcNOMAKK} in total in 2022? *

Only answer this question if the following conditions are met:

Answer was 'My expertise as an individual' or 'The view of the company' at question ' [A]'
(From which point of view will you be answering the following question?)

🗨 Your answer must be at least 1

Please write your answer here:

How many employees currently work in {A2RDcalcNOMAKK}? *

Only answer this question if the following conditions are met:

Answer was 'My expertise as an individual' or 'The view of the company' at question ' [A]'
(From which point of view will you be answering the following question?)

🗨 Your answer must be at least 1

Please write your answer here:

Change in number compared to 2021.

Only answer this question if the following conditions are met:

Answer was 'My expertise as an individual' or 'The view of the company' at question ' [A]'
(From which point of view will you be answering the following question?)

Please choose **only one** of the following:

- Increased
- No change
- Decreased
- No answer

Please estimate {A2RDcalcNOMAKK}'s total sales, total costs, and total profit in 2022.

Only answer this question if the following conditions are met:

Answer was 'My expertise as an individual' or 'The view of the company' at question ' [A]'
(From which point of view will you be answering the following question?)

Please write your answer(s) here:

Total sales

Total costs

Total profit

Total personnel and material costs including miscellaneous costs.
(Figures expressed in THOUSAND EUROS)

What percentage of {A2RDcalcDAS}'s sales was generated by exports in 2022?

Only answer this question if the following conditions are met:

Answer was 'The view of the company' or 'My expertise as an individual' at question ' [A]'
(From which point of view will you be answering the following question?)

🗨 Your answer must be between 0 and 100

Please write your answer here:

%

Example: 1,000,000 total sales, 300,000 of which are generated by exports, is equivalent to a 30% share in total sales.

Please divide the total export share of {A2RDcalcDAS} in 2022 into exports to Europe, Asia, and USA .

Only answer this question if the following conditions are met:

Answer was 'The view of the company' or 'My expertise as an individual' at question ' [A]'
(From which point of view will you be answering the following question?)

❗ Only numbers may be entered in these fields.

❗ Each answer must be at least 0

Please write your answer(s) here:

Share within Europe

Share to Asia

Share to the USA

Share to rest of the world

The total must match your entry from the previous question. Example: Total {(A44)}% revenue from exports: {round((A44)/4)}% of which is within Europe, {round((A44)/4)}% to Asia, {round((A44)/4)}% to the U.S., and {(A44)-(round((A44)/4)*3)}% to the rest of the world.

Has {A2RDcalcNOMAKK} introduced new or significantly improved **products or services (product innovations)** to the market or introduced new or significantly improved **processes (process innovations)** in 2022? Did the research and development activities of {A2RDcalcDAS} take place internally and/or in cooperation with external partners? *

Please choose the appropriate response for each item:

	Yes	No
Product innovation	<input type="radio"/>	<input type="radio"/>
Process innovation	<input type="radio"/>	<input type="radio"/>
Internal research	<input type="radio"/>	<input type="radio"/>
External research	<input type="radio"/>	<input type="radio"/>

How often did {A2RDcalcNOMAKK} cooperate in research and development activities with the following organisations in 2022?

Only answer this question if the following conditions are met:

Answer was 'Yes' at question ' [A45]' (Has {A2RDcalcNOMAKK} introduced new or significantly improved products or services (product innovations) to the market or introduced new or significantly improved processes (process innovations) in 2022? Did the research and development activities of {A2RDcalcDAS} take place internally and/or in cooperation with external partners? (External research))

Please choose the appropriate response for each item:

	-3 (very rarely)	-2	-1	0	+1	+2	+3 (very often)
Public and private universities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Non-university research institutions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Suppliers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Competitors/ businesses in your industry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business consultants/ commercial R&D service providers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Customers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

Which of the following measures for the **protection of intellectual property** did your organisation use in 2020-2022 and what was the importance of these measures in protecting your intellectual property?

Only answer this question if the following conditions are met:

Answer was 'My expertise as an individual' or 'The view of the company' at question ' [A]'
(From which point of view will you be answering the following question?)

Please choose the appropriate response for each item:

	-3 (very negative)	-2	-1	0 (no impact)	+1	+2	+3 (very positive)	Did not use
Application for patents	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Registration of utility models	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Registration of designs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Registration of trade marks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Enforcement of copyrights	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Confidentiality (incl. non-disclosure agreements)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Complex design of products/services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Time lead over competitors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Long-term retention of qualified personnel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How relevant is it for your organisation to **cooperate in research and development activities** with the following institutions in 2022?

Please choose the appropriate response for each item:

	-3 (very unimportant)	-2	-1	0	+1	+2	+3 (very important)
Public and private universities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Non-university research institutions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Suppliers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Customers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Competitors/ businesses in your sector	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Competitors/ businesses in other sectors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business consultants/ commercial R&D service providers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which forms of cooperation with scientific institutions did your organisation use and how effective were they in obtaining know-how from the scientific institutions?

Only answer this question if the following conditions are met:

Answer was 'My expertise as an individual' or 'The view of the company' at question ' [A]'
(From which point of view will you be answering the following question?)

Please choose the appropriate response for each item:

	-3 (very unimportant)	-2	-1	0	+1	+2	+3 (very important)	Did not use
Collaborative research funded at national level	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Collaborative research funded at European level (H2020, Horizon Europe)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Contract research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Student theses/dissertations in the organisation.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Licensing/purchase of technology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Temporary exchange of personnel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Further education/training of own staff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Scientific/technical consulting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Informal contacts/informal exchange	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	-3 (very unimportant)	-2	-1	0	+1	+2	+3 (very important)	Did not use
Common standardisation processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you have any comments on this question group, we welcome your feedback:

Please write your answer here:

Special section F: Influence of research on standardisation

The following special section contains questions on the importance of research for the standardisation process in general and for certain types of standards in particular. In addition, questions are asked about the advantages and disadvantages, as well as the possible effects, of using research results as input for standardisation. Finally, the effectiveness of the European research policy approaches will be assessed. The background is that Horizon Europe, the research and innovation funding framework program of the European Union, represents an important funding opportunity for universities, research institutions, and companies. However, the research results should not only result in scientific publications or patents but also flow into standardisation processes. In this year's special section of the European Standardisation Panel survey, we would like to understand how you, as standardisation experts, assess the contributions of research to the development of standards and where you locate problems and potentials.

Please assess the relevance of the following input sources for standard development:

Please choose the appropriate response for each item:

	-3 (very low)	-2	-1	0 (no impact)	1	2	3 (very high)
Own research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Private research of other organisations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Results from collaborative public research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Open Source Software or Hardware	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Requirements from customers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Requirements from suppliers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Service provider requirements	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Business model requirements	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Policy/Regulation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Others	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please specify what you mean by other.

Only answer this question if the following conditions are met:

Answer was '2' or '1' or '3 (very high)' at question ' [F1]' (Please assess the relevance of the following input sources for standard development: (Others))

Please write your answer here:

Please assess the **relevance of research as input for different types of standards:**

Only answer this question if the following conditions are met:

((F1_SQ001.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO05" or F1_SQ001.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO06" or F1_SQ001.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO07") or (F1_SQ002.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO05" or F1_SQ002.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO06" or F1_SQ002.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO07") or (F1_SQ003.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO05" or F1_SQ003.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO06" or F1_SQ003.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO07") or (F1_SQ004.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO05" or F1_SQ004.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO06" or F1_SQ004.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO07") or (F1_SQ005.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO05" or F1_SQ005.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO06" or F1_SQ005.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO07") or (F1_SQ006.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO05" or F1_SQ006.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO06" or F1_SQ006.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO07") or (F1_SQ007.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO05" or F1_SQ007.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO06" or F1_SQ007.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO07") or (F1_SQ008.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO05" or F1_SQ008.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO06" or F1_SQ008.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO07") or (F1_SQ009.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO05" or F1_SQ009.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO06" or F1_SQ009.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO07") or (F1_SQ010.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO05" or F1_SQ010.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO06" or F1_SQ010.NAOK (/questionAdministration/view/surveyid/681978/gid/1422/qid/53883) == "AO07"))

Please choose the appropriate response for each item:

	-3 (very low)	-2	-1	0 (no impact)	1	2	3 (very high)
Terminology/semantics /ontology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	-3 (very low)	-2	-1	0 (no impact)	1	2	3 (very high)
Measurement/testing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interoperability/compatibility /interfaces	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Products/services (characteristics)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Processes (production/management)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Health protection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Environmental protection and sustainability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Safety protection	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Others	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please specify what you mean by other.

Only answer this question if the following conditions are met:
 Answer was '1' or '2' or '3 (very high)' at question ' [F2]' (Please assess the relevance of research as input for different types of standards: (Others))

Please write your answer here:

Please assess the relevance of **advantages** of research results as input for standard development:

Please choose the appropriate response for each item:

	-3 (very)	-2	-1	0 (no impact)	1	2	3 (very high)
Free access to scientific publications and other materials on the Internet	<input type="radio"/>						
Impulse for new standardisation initiatives	<input type="radio"/>						
Improving the scientific evidence base for standards	<input type="radio"/>						
Keeping track with scientific and technical progress	<input type="radio"/>						
Leveraging own research results via standards for the development of own product and process innovation	<input type="radio"/>						
Preventing that competing research content become market-dominating solutions	<input type="radio"/>						
Using scientific evidence to develop standards contributing to increased quality	<input type="radio"/>						

	-3 (very)	-2	-1	0 (no impact)	1	2	3 (very high)
Using scientific evidence to develop standards contributing to contribute to the protection of the environment and sustainability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using scientific evidence to develop standards being relevant for follow-up research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using scientific evidence to develop standards in support of regulation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Others	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please specify what you mean by other.

Only answer this question if the following conditions are met:

Answer was '1' or '2' or '3 (very high)' at question ' [F3]' (Please assess the relevance of advantages of research results as input for standard development: (Others))

Please write your answer here:

Please assess the relevance of **disadvantages** of research results as input for standard development:

Please choose the appropriate response for each item:

	-3 (very low)	-2	-1	0 (no impact)	1	2	3 (very high)
More difficult exclusive use of own research results	<input type="radio"/>						
Research results not yet ready for standard relevant input	<input type="radio"/>						
Research results too ambitious for the implementation in standards	<input type="radio"/>						
Research results too abstract for implementation of standards	<input type="radio"/>						
Research results too immature from market/customer needs	<input type="radio"/>						
Research results not validated in practice	<input type="radio"/>						
Little support from other companies/stakeholders	<input type="radio"/>						
Since standardisation not considered in research process, integration difficult	<input type="radio"/>						

	-3 (very low)	-2	-1	0 (no impact)	1	2	3 (very high)
IPRs, in particular patents, restrict implementation of standards when included in a standard	<input type="radio"/>						
Requirement to provide a license to patents when included in a standard	<input type="radio"/>						
Lack of reward for patented technologies when included in a standard because of Royalty Free licensing	<input type="radio"/>						
Lack of clarity or absence of IPR policy of SDOs	<input type="radio"/>						
Lack of R&D staff as experts in standardisation	<input type="radio"/>						
Others	<input type="radio"/>						

Please specify what you mean by other.

Only answer this question if the following conditions are met:

Answer was '1' or '2' or '3 (very high)' at question ' [F4]' (Please assess the relevance of disadvantages of research results as input for standard development: (Others))

Please write your answer here:

Please assess the importance of the following approaches to **integrate research results** as input for standard development:

Please choose the appropriate response for each item:

	-3 (very low)	-2	-1	0 (no impact)	1	2	3 (very high)
Including standardisation into the definition of R&D	<input type="radio"/>						
Funding of standardisation as means of exploitation (knowledge valorisation) of Horizon Europe project results' by the European Commission	<input type="radio"/>						
Encouraging the consideration of R&D projects and results in standardisation requests by the European Commission	<input type="radio"/>						
Funding of standardisation as means of exploitation (knowledge valorisation) of research results' by national ministries and research funding organisations	<input type="radio"/>						

	-3 (very low)	-2	-1	0 (no impact)	1	2	3 (very high)
Promoting of standardisation as means of exploitation (knowledge valorisation) of research within Higher Education Institutions (HEIs) and Public Research Organisations (PROs)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Including standardisation into tax incentive regimes for research and development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SDOs/NSBs adjust their service portfolios to align with R&I activities (better integration)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Involvement of SDOs/NSBs in publicly funded research projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Involvement of companies in publicly funded research projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Having a dedicated workpackage on standardisation in research projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	-3 (very low)	-2	-1	0 (no impact)	1	2	3 (very high)
Involvement of Higher Education Institutes (HEIs) and Public Research Organisations (PROs) in standardisation	<input type="radio"/>						
Improvement of the knowledge about the effects of standardisation in HEIs and PROs	<input type="radio"/>						
Other	<input type="radio"/>						

Please assess the importance of the following approaches to integrate research results as input for standard development

Please specify what you mean by other.

Only answer this question if the following conditions are met:
 Answer was '1' or '2' or '3 (very high)' at question ' [F5]' (Please assess the importance of the following approaches to integrate research results as input for standard development: (Other))

Please write your answer here:

Please assess the following impacts of **standards based on research results as input on Innovation, new products, and processes.**

Please choose the appropriate response for each item:

	-3 (very low)	-2	-1	0 (no impact)	1	2	3 (very high)
Better documentation of R&I results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Faster dissemination of R&I results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wider use of recognised methodologies, processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Improved (development and) design of products, services or processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Larger economies of scale for products and services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Enabling the display of product or process quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Higher confidence in innovative products and processes among consumers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Faster or easier access to European or international markets	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	-3 (very low)	-2	-1	0 (no impact)	1	2	3 (very high)
Improved capacity to respond to EU regulation/policies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Improved interoperability of products, services or processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Positive impact on public procurement (referencing standards) promoting innovation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Disclosure of knowledge negative for own competitiveness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Intensified collaboration with other companies, PROs and HEI	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please specify what you mean by other.

Only answer this question if the following conditions are met:

Answer was '1' or '2' or '3 (very high)' at question ' [F6]' (Please assess the following impacts of standards based on research results as input on Innovation, new products, and processes. (Other))

Please write your answer here:

Please identify the **most important needs** in order to increase companies' **engagement** in standardisation activities.

Please write your answer(s) here:

What do you think could **most help companies** to **increase their competitiveness** through **strengthening their standard-setting capabilities**?

Please write your answer here:

What are **companies' needs** for a **better implementation of standardisation through cooperation** between **industry and science**?

Please write your answer here:

If you have any comments on this question group, we welcome your feedback:

Please write your answer here:

Special Section G: Priorities for the European Standardisation System

The second part of this year's special section deals with the European standardisation system. In particular, we are interested in the influence of the European standardisation strategy on German organisations active in standardisation including European approaches to standardisation.

How relevant for your organisation is the **development of standards for the green and digital transitions?**

Please choose the appropriate response for each item:

	-3 (very irrelevant)	-2	-1	0 (neutral)	1	2	3 (very relevant)
Green	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Digital	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The European standardisation organisations are committed to supporting the green and digital transformation. This is done by formulating clear guidelines and standards that promote both environmental protection and digital transformation and shape a sustainable and innovative future for Europe.

Alternative complement: Green transformation refers to efforts to promote environmental protection, sustainability and a smaller ecological footprint in different sectors of the economy. This involves developing standards that can be used as a guide for companies to implement greener practices or help consumers choose more sustainable products. Digital transformation" refers to the timely integration of digital technologies in various aspects of daily life and industry. This is particularly important to increase consumer confidence in digital products and services while reaping the benefits of digitisation.

In the context of the **green and digital transition**, is your organisation already undertaking activities with your National Standardisation Body?

Please choose **only one** of the following:

- Yes
- No

Which **national standardisation body** are you **cooperating with** and what activities are you undertaking?

Only answer this question if the following conditions are met:

Answer was 'Yes' at question ' [G2]' (In the context of the green and digital transition, is your organisation already undertaking activities with your National Standardisation Body?)

Please write your answer(s) here:

Green

Digital

In which type of **contribution to standards development** in support of the **green and digital transition** would {A2RDcalcNOMAKK} be interested?

🗨 Check all that apply

Please choose **all** that apply:

- Identifying necessary standards
- Providing experts for standards development
- Providing feedback on draft standards
- No interest

Other:

Are you **aware of standards or standardisation** in the following areas?

Please choose the appropriate response for each item:

	-3 (no awareness)	-2	-1	0 (neutral)	1	2	3 (highly aware)
Wind	<input type="radio"/>						
Clean hydrogen	<input type="radio"/>						
Green Electricity System	<input type="radio"/>						
Photovoltaic	<input type="radio"/>						
Artificial Intelligence	<input type="radio"/>						
Digital Product Passport	<input type="radio"/>						
Data interoperability	<input type="radio"/>						
Security & resilience	<input type="radio"/>						
Critical Raw Materials	<input type="radio"/>						
Circular economy	<input type="radio"/>						
Sustainable cities	<input type="radio"/>						
Low-carbon cement	<input type="radio"/>						
Other, in the context of the green and digital transitions	<input type="radio"/>						

Please specify what you mean by other.

Only answer this question if the following conditions are met:

Answer was '1' or '2' or '3 (highly aware)' at question ' [G4a]' (Are you aware of standards or standardisation in the following areas? (Other, in the context of the green and digital transitions))

Please write your answer here:

Would you **benefit** from standards in the **following areas?**

Please choose the appropriate response for each item:

	-3 (very irrelevant)	-2	-1	0 (neutral)	1	2	3 (very relevant)
Wind	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Clean hydrogen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Green Electricity System	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Photovoltaics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Artificial intelligence	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Digital Product Passport	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Data interoperability	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Security and resilience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Critical Raw Materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Circular economy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sustainable cities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Low-carbon cement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other, in the context of the green and digital transitions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please specify what you mean by other.

Only answer this question if the following conditions are met:

Answer was '1' or '2' or '3 (very relevant)' at question ' [G4b]' (Would you benefit from standards in the following areas? (Other, in the context of the green and digital transitions))

Please write your answer here:

Do you **agree** with the following questions on the **European standardisation system**?

Please choose the appropriate response for each item:

	-3 (Agreement very low)	-2	-1	0 (neutral)	1	2	3 (Agreement very high)
Does the European Standardisation System effectively attract/engage with relevant research results for your organisation to develop new standards?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Does the European Standardisation System sufficiently connect with the European research & innovation community?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Does the European Standardisation System bring research results into standardisation in a timely manner?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Is your organisation **aware of the fast-track alternatives available** in the **European Standardisation System** to traditional European Standards (e.g. the CEN/CENELEC Workshop agreement CWA or *ETSI comparable*)

🗳️ Choose one of the following answers

Please choose **only one** of the following:

Yes

No

Fast alternatives to formal standardisation offer agile ways to respond promptly to evolving requirements and innovations. One example of this is Workshop Agreements (CWAs), in which experts and interested parties who do not normally participate in standardisation can also take part. In this way, the lengthy formal standardisation procedures are bypassed, which can be particularly advantageous in fast-moving technology areas.

Have you **made use** of these **fast-track alternatives**?

Only answer this question if the following conditions are met:

Answer was 'Yes' at question ' [G6]' (Is your organisation aware of the fast-track alternatives available in the European Standardisation System to traditional European Standards (e.g. the CEN/CENELEC Workshop agreement CWA or ETSI comparable))

Please choose **only one** of the following:

Yes

No

How **relevant** is the **presumption of conformity** that **harmonised European standards** create for your organisation?

Please choose the appropriate response for each item:

	-3 (very irrelevant)	-2	-1	0 (neutral)	1	2	3 (very relevant)
Relevance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Presumption of conformity means that if a manufacturer has developed a product in accordance with European harmonised standards, it is presumed to comply with the requirements of the relevant EU directives or regulations. When someone wants to place products on the market within the EU, they must make a declaration of conformity confirming that the product complies with the relevant safety and health requirements. This declaration is based on a prior assessment of the product's conformity, assuming that it complies with the specifications of the relevant national standards and thus meets the core requirements of the European directives.

How important do you **consider the link between European standardisation** (CEN, CENELEC, and ETSI) and **international standardisation** (ISO/IEC) in the **development of European standards** (EN)?

Please choose the appropriate response for each item:

	-3 (very irrelevant)	-2	-1	0 (neutral)	1	2	3 (very relevant)
Relevance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How **important** is the **consideration of standardisation activities** in **fiscal research funding**?

Please choose the appropriate response for each item:

	-3 (very unimportant)	-2	-1	0 (neutral)	1	2	3 (very important)
Relevance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you have any comments on this question group, we welcome your feedback:

Please write your answer here:

We thank you very much for your cooperation and support!

If you have any further questions, please do not hesitate to contact us at dnp@inno.tu-berlin.de (<mailto:dnp@inno.tu-berlin.de>).

Visit [normungspanel.de/en](https://www.normungspanel.de/en) (<https://www.normungspanel.de/>) for news, results of previous years' surveys, and further information on the German Standardisation Panel.

01-05-2024 – 11:31

Submit your survey.

Thank you for completing this survey.