

# Public consultation on the contractual public-private partnership on cybersecurity and possible accompanying measures

Fields marked with \* are mandatory.

## Public consultation on the contractual public-private partnership on cybersecurity and possible accompanying measures

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### Purpose

On 6 May 2015, the European Commission adopted the [Digital Single Market \(DSM\) Strategy](#), which provides for establishing a contractual Public-Private Partnership (cPPP) on cybersecurity in the area of technologies and solutions for online network security in the first half of 2016.

The Commission is now consulting stakeholders on the areas of work of the future cybersecurity contractual public-private partnership. The Commission is also calling for contributions on potential additional policy measures that could stimulate the European cybersecurity industry.

With respect to cybersecurity standardisation, this consultation complements the overall public consultation on the development of the Priority ICT Standards Plan: "[Standards in the Digital Single Market: setting priorities and ensuring delivery](#)", in which cybersecurity is one of the areas covered.

The Commission will use the feedback from the consultation to establish the cPPP in the first half of 2016.

### Background

Current EU policies, such as the [Cybersecurity Strategy for the European Union](#) and the Commission's [proposal for a Directive on Network and Information Security](#), aim to ensure that network and information systems, including critical infrastructures, are properly protected and secure.

A lot of work has already been done with industrial stakeholders within the NIS Platform. In particular the [NIS Platform Working Group 3](#) has finalised a [Strategic Research Agenda](#) for cybersecurity which serves as the basis for the questions on prioritising research and innovation topics in this consultation.

The establishment of a contractual Public-Private Partnership addressing digital security would be a further step towards cybersecurity industrial policy. The Commission is now considering what additional industrial measures may be needed to complement the cPPP.

The cPPP will be a contractual arrangement between the Commission and an industrial grouping, both of which are committed to supporting, in the EU's Horizon 2020 programme, research and innovation activities of strategic importance to the Union's competitiveness in the field of cybersecurity.

A contractual PPP bringing together industrial and public resources would focus on innovation following a jointly-agreed strategic research and innovation roadmap. It would make the best possible use of available funds through better coordination with member states and a narrower focus on a small number of technical priorities. It should leverage funding from Horizon 2020 to deliver both technological innovation and societal benefits for users of technologies (citizens, SMEs, critical infrastructure), as well as provide visibility to European R&I excellence in cyber security and digital privacy. Furthermore cybersecurity is explicitly identified in the DSM strategy as a priority area in which there is a need to define missing technological standards.

### **Duration**

Opens on 18 December 2015 – closes on 11 March 2016 (12 weeks)

Comments received after the closing date will not be considered.

### **Who should respond**

- Businesses (providers and users of cybersecurity products and services);
- Industrial associations
- Civil society organisations
- Public authorities
- Research and academia
- Citizens

### **Transparency**

Please state whether you are responding as an individual or representing the views of an organisation. We ask responding organisations to register in the [Transparency Register](#). We publish the submissions of non-registered organisations separately from those of registered ones as the input of individuals.

### **How to respond**

Respond online

You may pause any time and continue later. You can download a copy of your contribution once you've sent it.

Only responses received through the online questionnaire will be taken into account and included in the report summarising the responses, exception being made for the visually impaired.

### **Accessibility for the visually impaired**

We shall accept questionnaires by email or post in paper format from the visually impaired and their representative organisations: download the questionnaire

Email us and attach your reply as Word, PDF or ODF document

Or

## Write to

European Commission

DG Communication networks, content & technology

Unit H4 – Trust & Security

25 Avenue Beaulieu

Brussels 1049 - Belgium

## Replies & feedback

We shall publish an analysis of the results of the consultation on this page 1 month after the consultation closes.

## Protection of personal data

For transparency purposes, all the responses to the present consultation will be made public.

Please read the Specific privacy statement below on how we deal with your personal data and contribution.

- [Protection of personal data](#)
- [Specific privacy statement](#)

## References

Current EU policies in the field:

- [Cybersecurity Strategy for the EU](#)
- [EC proposal for a Directive on Network and Information Security](#)
  - Work on online privacy
  - Work with stakeholders in the [Network and Information Security Platform](#)

## Contact

[CNECT-FEEDBACK-CYBERSECURITY-DSM@ec.europa.eu](mailto:CNECT-FEEDBACK-CYBERSECURITY-DSM@ec.europa.eu)

## General information on respondents

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Please note that fields marked with \* are mandatory.

\* Do you wish your contribution to be published?

Please indicate clearly if you do not wish your contribution to be published

- Yes  
 No

Submissions that are sent anonymously will neither be published nor taken into account.

\*

The Commission may contact you in case a clarification regarding your submission is needed depending on your reply to the following question.

Do you wish to be contacted?

- Yes
- No

\* I'm responding as:

- An individual in my personal capacity
- The representative of an organisation/company/institution

Is your organisation registered in the Transparency Register of the European Commission and the European Parliament?

- Yes
- No

**Please give your organisation's registration number in the Transparency Register. We encourage you to register in the Transparency Register before completing this questionnaire. If your organisation/institution responds without being registered, the Commission will consider its input as that of an individual and publish it under that heading.**

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Please tick the box that applies to your organisation and sector.

- National administration
- National regulator
- Regional authority
- Non-governmental organisation
- Small or medium-sized business
- Micro-business
- European-level representative platform or association
- National representative association
- Research body/academia
- Press
- Other

My institution/organisation/business operates in:

- All EU member states
- Austria
- Belgium
- Bulgaria
- Czech Republic
- Croatia

- Cyprus
- Denmark
- Estonia
- France
- Finland
- Germany
- Greece
- Hungary
- Italy
- Ireland
- Latvia
- Lithuania
- Luxembourg
- Malta
- Netherlands
- Poland
- Portugal
- Romania
- Spain
- Slovenia
- Slovakia
- Sweden
- United Kingdom
- Other

\* Please enter the name of your institution/organisation/business.

EDRi (European Digital Rights)

\* Please enter your name

Joe McNamee

\* Please enter the address of your institution/organisation/business

20 Rue Belliard, 1040 Bruxelles, Belgium

\* What is your place of main establishment or the place of main establishment of the entity you represent (headquarters)?

20 Rue Belliard, 1040 Bruxelles, Belgium

## Consultation

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Note:

- *Depending on the question please make either one choice or multiple choices in responses to specific questions*
- *Please note that a character limit has been set for most open questions*

## I. Identification of your priorities in cybersecurity

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\* 1. Which part of the value chain of cybersecurity services and products do you represent?

- Researcher
- Customer/User
- Supplier of cybersecurity products and/or services
- Public authority/government agency responsible for cybersecurity/research

If you answered "customer/user", which specifically?

- Certification/audit or standardisation agent
- Individual user
- SME user
- Private enterprise
- Public user
- Civil Society
- Other

2. Which of the following describes the cybersecurity activities of your institution/organisation/business? (multiple answers possible)

2.1. Dedicated Cybersecurity -> Cybersecurity products/services

- Identity and access management
- Data security
- Applications security
- Infrastructure (network) security
- Hardware (device) security
- IT security audit, planning and advisory services
- IT security training
- Other

If you answered "other", please specify

*400 character(s) maximum*

EDRi is an association of civil and human rights organisations from across Europe. We defend rights and freedoms in the digital environment. Information technology has a revolutionary impact on our society. It has

boosted freedom of communication and democracy but has also led to new approaches to surveillance and is increasingly used to impose restrictions on fundamental rights.

## 2.2. Applied Cybersecurity -> Application areas with demand in cybersecurity products/services

- Critical infrastructures in general
- Energy
- Transport
- Health
- Finance and Banking
- Public Administration
- Smart Cities
- Digital Service Providers
- Protection of individual users
- Protection of SMEs
- Other

Please specify:

*400 character(s) maximum*

Individuals and manufacturers face specific challenges due to intrusion by state-level adversaries. Separately, incentives are lacking for equipment manufacturers and service providers to tackle fundamental security issues. Overall strategies are needed to make computing safer, both due to attacks but also bugs which are safety (and not security) related.

## 2.3. Applied Cybersecurity -> Specific IT technology areas with cybersecurity as a functional requirement

- Internet of Things
- Embedded Systems
- Cloud Computing
- 5G
- Big Data
- Smartphones
- Software Engineering
- Hardware Engineering
- Other

Please specify:

*400 character(s) maximum*

## II. Assessment of cybersecurity risks and threats

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## 1. Risk identification

- \* 1.1. What are the most pressing cybersecurity challenges for users (individuals, business, public sector)?

*between 1 and 3 choices*

- Loss of know-how and confidential business information (trade secrets) – industrial and economic espionage, and other types of confidential information
- Industrial or economic sabotage (examples: disrupting or slowing down network and computer functioning)
- Extraction and use of identity and payment data to commit fraud
- Intrusion in privacy
- Other

- \* Please specify:

*1200 character(s) maximum*

The most pressing challenge is the speed with which attacks are accelerating versus the ability of citizens, businesses and governments to effectively patch vulnerabilities. This dynamic must fundamentally alter or we will get to the point that we will have to retreat into non-digital technology to keep a semblance of privacy and security.

- \* 1.2. Which sectors/areas are the most at risk? (please choose top 3-5)

*between 3 and 5 choices*

- Critical infrastructures in general
- Energy
- Transport
- Health
- Finance and Banking
- Public Administration
- Smart Cities
- Digital Service Providers
- Protection of individual users
- Protection of SMEs
- Other
- I don't know

Please specify:

*400 character(s) maximum*

In a software driven world, it is difficult to identify sectors most at risk. Sectors with little experience with digital tech incur risk. "Smart" tech often involves the application of networked computing in sectors that have



little understanding of inherent security risks of networking. Indeed, digital service providers will possibly be at relatively low risk, but at high risk in absolute terms.

## 2. Preparedness

\*2.1. Are the necessary products/services available on the European market to ensure security of the whole value chain

- Yes  
 No  
 I don't know

If no, which are missing - please provide examples:

*400 character(s) maximum*

After the Snowden revelations it became apparent that network equipment is widely backdoored by intelligence communities. There are only very few European chip manufacturers, most hardware is produced by US companies in China. Integrity or proof of integrity of purchased security hardware or software is missing for most products. Any meaningful safeguards must span the whole value chain.

2.2. If relevant, where do the cybersecurity products/services you purchase come from?

- National/domestic supplier  
 European, non-domestic supplier  
 US  
 Israel  
 Russia  
 China  
 Japan  
 South Korea  
 Other

2.3. If relevant, what are the reasons behind your decision to choose non-European ICT security products/services over European ones?

- Price competitiveness  
 Non-European products/services are more innovative  
 Trustworthiness  
 Interoperability of products/solutions  
 Lack of European supply  
 Place of origin is irrelevant  
 Other

2.4. If relevant, what are the reasons for missing supplies of products/services in cybersecurity?

- Lack of capital for new products/services
- Lack of sufficient (national/European/global) demand to justify investment
- Lack of economics of scale for the envisaged (national/European/global) markets
- Market barriers
- Other
- I don't know

If you answered "other" please specify:

*1200 character(s) maximum*

See other relevant answers, such as regarding funding and incentives.

### 3. Impact

- \* 3.1. In which of the following areas would you expect the worst potential socio-economic damage?  
(please choose your top 1-5 answers)

*between 1 and 5 choices*

- Critical infrastructures
- Energy
- Transport
- Health
- Finance and Banking
- Public Administration
- Smart Cities
- Digital Service Providers
- Protection of individual users
- Protection of enterprises (large companies and/or SMEs)
- Other
- I don't know

Please specify/explain

*1200 character(s) maximum*

In terms of immediate disruptions of society the critical infrastructures are rightfully at the top of the list. In terms of slower, but long-lasting damage, the other sectors can be expected to have a very high potential, especially in terms of data breaches.

### 4. Cybersecurity challenges by 2020

- 4.1. What will be the 3 main cybersecurity challenges by 2020? (Please explain)

*1200 character(s) maximum*

#### 1. Competing with 5EYES technology wise

The biggest challenge today is the technological domination by foreign security agencies. Currently, nobody that we know of is able to compete with the technological capabilities of the 5EYES alliance. Additionally, the EU is deeply fragmented when it comes to national security, which means that the military budget for technological warfare for all EU MS combined would have to exceed the 5EYES budget by a large amount for quite some time for it to mitigate the disadvantages brought by the fragmentation.

#### 2. Establishing trusted technologies, hardware manufacturers and standards within EU territory

Today's computing infrastructure is deeply flawed. Any sufficiently advanced adversary can compromise practically any IT infrastructure without seriously risking detection. In addition, equipment can be known to be compromised even if the adversarial implants can be impossible to detect and to extract. The probably most advanced way to compromise infrastructure is by changing N-P dopings contained in transistors that are contained in computer chips already during the manufacturing process

### III. Cybersecurity Market Conditions

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1. To what extent are markets in cybersecurity products/services competitive in Europe? Please provide your assessment of the overall situation in Europe and your views on the particular sectors of your expertise

*1200 character(s) maximum*

2. If you are a company headquartered in the European Union, how would you assess the situation of innovative SMEs and start-ups working in the field of cybersecurity and privacy in the European Union?

a. Please assess the ease of access to markets in EU countries other than your own

b. Please assess the opportunities for operating in the European Single Market

*1200 character(s) maximum*

Regulation is aligned to bigger companies that can effort a representation. This puts SMEs and start-ups in a bad position in order to avoid harmful regulation or to propose helpful policies. They are also not as much involved into EU projects as they should because the processes are not SME friendly.

Another aspect is that the general focus in policy is to make things work, but in the times where many things change quickly it is necessary to help developing ideas. Some solutions are hard to market as products even if it would be extremely helpful to support them. A purely economic view it that focusses a fast go-to-market is not necessarily the right strategy. One example might be open source that is of great strategic value. Open source is

often developed in mixed environments (people commit changes back into the source trees from their work in companies). It might be something to think about how to support such behaviour. What might also worth to think about is how to introduce bounties, i.e. for security or functional bugs to implement functionality into open source software.

3. If you are a company headquartered outside the European Union, please

- a. assess the ease of accessing the EU market
- b. assess the opportunities for operating in the European Single Market
- c. explain how much you have invested or intend to invest in Europe over the past/next five years respectively?

*1200 character(s) maximum*

4. How does European competitiveness compare to other countries/regions? In particular what are the strengths and weaknesses of European cybersecurity solution providers (self-assessment if you are a supplier)?

*1200 character(s) maximum*

5. Which level of ambition do you think the EU should set itself for cybersecurity market development? (Please mark for each category.)

	Retain global lead	Strive for global leadership	Make EU more competitive
*Identity and access management	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
*Data security	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
*Applications security	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
*Infrastructure (network) security	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
*Hardware (device) security	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
*IT security audit, planning and advisory services	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
*IT security management and operation services	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
*IT security training	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

6. How does legislation (currently in force or soon to be adopted) influence the European cybersecurity market(s) or how is it likely to do so?

*1200 character(s) maximum*

For good or for bad, legislation has an immense influence on the European IT security market. For example, a strong European data protection framework can have yield immense benefits, mainly regarding consumer trust in European IT security solutions and data protection standards. On the contrary, legislation like implementations of the Wassenaar Arrangement, surveillance laws like the Data retention Directive or the "Cybersecurity" legislation, such as key elements of the European Convention on Cybercrime can constitute a serious business barrier, to the detriment of all stakeholders. Profit as the sole motivation for companies

What can be observed in policy making is the same inside companies: The decisions made are merely based on profit or other visible outcome than on demand of secure and safe technology. There are simply no real incentives, because working security and safety mechanisms are invisible. Introduction for incentives for accountability, for example through source code availability, is sorely needed.

7. How does public procurement impact the European cybersecurity market? :

- It is a driver behind cybersecurity market development and an opportunity for companies to increase market share,
- It is a barrier to market access
- I don't know

Please explain

*1200 character(s) maximum*

8. Do you feel you have sufficient access to financial resources to finance cybersecurity projects/initiatives?

- Yes
- No

9. What are the types of financial resources you currently use?

- Bank loans
- Equity funds
- Venture funds
- EIB/EIF support
- Sovereign welfare funds
- Crowd funding
- EU funds

Other

10. Do you feel that the European ICT security and supply industry has enough skilled human resources at its disposal?

- Yes  
 No  
 I don't know

Please explain

*1200 character(s) maximum*

11. Have you ever experienced any barriers related to market access and export within the EU and/or beyond EU countries?

- Yes  
 No

Please describe

*1200 character(s) maximum*

Large parts of practical & working security innovation or bug fixes are developed by specialised Micro SMEs without an inhouse company department explaining how to read a certain regulation. This leads to chilling effects that are hard to spot for governments & the EU - even more because they have no proper representation. There are at least two examples where the chilling effect is obviously underestimated:

Ex. 1) The CoE Convention on Cybercrime & implementations thereof. In Germany for example, the "hacker tools" laws did great harm to legitimate penetration testing service companies.

Ex. 2) The Wassenaar Arrangement that only recently introduced seller-side export controls for exploitation software is going to become a major showstopper for IT security services, such as penetration testing as well as for R&D and academia. Big companies that dealt with export restrictions before are not really effected, while Micro SMEs offering such services have 3 options: ignore the regulation, shift their business away from customers in non-EU countries or change the focus of technology they use - even for companies that would not be affected. Regulation like this must be clear.

12. Are you aware of any start-up policy measures for cybersecurity industry in your country/the European Union?

- Yes  
 No

## IV. Need for public intervention and support for a functioning market in cybersecurity products/services in Europe

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1. In your opinion, in what areas does the European market for cybersecurity products and services function well and where would public intervention be unnecessary or even detrimental? (Please specify)

*1200 character(s) maximum*

2. What problems need to be addressed at European level to achieve a functioning Digital Single Market in cybersecurity products/services? (Please specify)

*1200 character(s) maximum*

Funding: Harmonised extensive research funding that is well targeted, for positive research through programmes that are accessible to SMEs. Funding should be diverted away from surveillance tech and towards meaningful protection. Funding for innovation tends to be focused on development of products and services with winner-takes-all characteristics, e.g. capitalising on network effects. Security has a lot to do with addressing negative externalities, which does not mesh well with quick market capture. Identifying strategic important technology and treating them as a public good could be a way of approaching this.

Education: The current state of knowledge leads people to use technology without understanding it. Innovative approaches to tech. education such as hacker spaces, repair cafes, privacy cafes, etc should be supported.

Export controls: The Commission says no MS reported problems with WA implemented, even though these definitely exist. The EU should support current US efforts to reform the arrangement.

Open source: The EU's security strategy should support open source and, in particular, building trust into open technology.

3. How do you assess public support and intervention at national level with regard to the cybersecurity market? How useful / necessary / adequate is it? (Please specify)

*1200 character(s) maximum*

4. Please provide examples of successful support through public policies (at national or international level).

*1200 character(s) maximum*

## V. Specific Industrial Measures

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The first question in this section complements the overall public consultation on the Priority ICT Standards Plan with respect to the specific characteristics of cybersecurity standardisation. We understand by standardisation in this context the production of technical specifications, standards or architectures where there is a need/gap, but also any other type of standardisation action such as landscape analysis, gap finding, roadmaps or ecosystem building.

1. How would you evaluate the current role of standardisation in the domain of cybersecurity?

- \* 1.1. Have you applied or are you currently working with specific technical specifications, standards or architectures relevant to cybersecurity?

*1200 character(s) maximum*

No

1.2. In what areas is there a need/gap in this respect?

*1200 character(s) maximum*

- \* 1.3. Would you consider standardisation as a mean to support innovation and the digital single market in cybersecurity?

- Yes  
 No  
 I don't know

- \* 1.4. Should standardisation in cybersecurity be addressed generically or should it focus on specific sectors (e.g. transport, energy, finance) and areas of application (e.g. connected vehicles, smart-grids, electronic payments)? (Please specify your choice)

*1200 character(s) maximum*

-

- \* 1.5. What areas should future cybersecurity standardisation efforts focus on? (Please specify).

*1200 character(s) maximum*

-

2. Assessment of existing certification schemes in the field of cybersecurity



\* 2.1. Are you active in public or private certification bodies?

- Yes
- No

2.2. Which existing ICT security certification schemes would you consider successful and what learnings should be taken from them for future cybersecurity certification activities?

*1200 character(s) maximum*

\* 2.3. Do the current ICT security certification schemes adequately support the needs of European industry (either supplying or buying cybersecurity solutions)?

- Yes
- No
- I don't know

\* 2.4. How relevant are certification schemes to the digital single market in cybersecurity products and services?

*1200 character(s) maximum*

-

\* 2.5. What areas should future certification efforts focus on?

*1200 character(s) maximum*

-

\* 2.6. Are certification schemes mutually recognised widely across European Union's Member States?

- Yes
- No
- I don't know

\* 2.7. Is it easy to demonstrate equivalence between standards, certification schemes, and labels?

- Yes
- No
- I don't know

\* 3. Are you aware of any existing labelling schemes for cybersecurity products and services in Europe or in the rest of the world?

- Yes
- No

\* 3.3. How would you assess the need to develop new or expand existing labels in Europe?

*1200 character(s) maximum*

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\* 3.4. Which market(s) would most benefit from cybersecurity labels?

- Consumer market
- Professional market (SMEs)
- Professional market (large companies)
- I don't know

3.5. What criteria / specific requirements are necessary to make such labels trustworthy?

*1200 character(s) maximum*

\* 4. What form of access to finance would be most useful for European cybersecurity industry players to encourage business growth?

*between 1 and 5 choices*

- Bank loans
- Equity funds
- Venture funds
- EIB/EIF support
- Sovereign welfare funds
- Crowdfunding
- EU funds, please specify
- Other

\* Please explain

*1200 character(s) maximum*

-

5. What specific start-up policy measures do you consider useful for the cybersecurity industry in the European Union?

*1200 character(s) maximum*

6. What do you think would be the right measures to support the EU market access and export strategy for cybersecurity products and services?

*1200 character(s) maximum*

7. How would you assess the role of national/regional cybersecurity clusters (or national/regional cybersecurity centres of excellence) and their effectiveness in fostering industrial policies in the field of cybersecurity?

*1200 character(s) maximum*

8. Are there any other specific policy instruments you think would be useful to support the development of the European cybersecurity industry?

*1200 character(s) maximum*

## VI. The role of research and innovation in cybersecurity

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1. Have you participated in previous R&I efforts through European (FP7, CIP) programmes?

- Yes  
 No

2. On which levels would you focus public support for research & innovation measures (please identify in % - total should be equal to 100%)?

	% (specify 0-5-10-15-25-50-100)
Fundamental research	30
Innovation activities	10
Using research & innovation results to bring products and services to the market	5
Development of national/regional cluster (or national/regional centres of excellence)	5
Start-up support	10
SME support	15
Public Procurement of innovation or pre-commercial support of development and innovation	5
Individual, large-scale "Flagship" initiatives	5
Coordination of European innovation and research activities	10
Definition of common requirements for cybersecurity products and services for specific application domains at European level (e.g. transport, energy...)	5
Other (please specify)	
<b>TOTAL (100%)</b>	<b>100</b>

3. In which areas would a prioritisation of European support actions be most effective? (Please identify your 3-5 top priorities)

\* 3.1. In terms of research priorities following the terminology of the [Strategic Research Agenda](#) of the NIS Platform [1]

*between 2 and 3 choices*

- Individuals' Digital Rights and Capabilities (individual layer)
- Resilient Digital Civilisation (collective layer)
- Trustworthy (Hyperconnected) Infrastructures (infrastructure layer)
- Other

\* 3.2. In terms of products and services

*between 3 and 5 choices*

- Identity and access management
- Data security
- Applications security
- Infrastructure (network) security
- Hardware (device) security
- IT security audit, planning and advisory services
- IT security management and operation services
- IT security training
- Other

Please explain:

*600 character(s) maximum*

-

4. In which sectors would a prioritisation of European support actions be most effective? (Please identify top 3 to 5 and explain)

*between 3 and 5 choices*

- Critical infrastructure in general
- Energy
- Transport
- Health
- Finance and Banking
- Digital Service Providers
- Internet of Things
- Cloud Computing
- Public Administration
- Other

Please explain your choice:

*1200 character(s) maximum*

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Particular attention needs to be paid to sectors which were not previously connected and where, consequently, awareness and expertise may be lacking.

5. In your opinion which bodies merit particular attention? (Please explain for each category you select)

- Universities and Research Institutes
- SMEs
- Start-ups
- Enterprises with large market share in nation markets ("National Champions")
- Enterprises with strong positions on global markets ("Global players")
- Other

Please explain:

*1200 character(s) maximum*

6. What are the specific needs of innovative SMEs in cybersecurity to stimulate competitiveness? What specific type of public support would be most useful to such companies?

*1200 character(s) maximum*

\* 7. What would be your contribution to fostering innovation and competitiveness of cybersecurity in Europe?

- Support in alignment of national and European research agendas
- Support for SMEs
- Co-funding of national or European activities
- Providing infrastructures for experimenting and testing
- Support with expertise in standardisation bodies
- Contribute to certification schemes
- Other

Please explain

*1200 character(s) maximum*

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## VII. The NIS Platform

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This section is a separate part of the consultation, not related to the cPPP and accompanying measures, but looking for interested stakeholders' views on the public-private network and information security Platform (NISIP).

The NIS Platform, which was one of the actions under the EU Cybersecurity Strategy, was established in June 2013. Its aim was to identify good cybersecurity practices that organisations can implement in order to increase their resilience. These practices were expected to facilitate the future implementation of the NIS Directive, but are also relevant to a wide range of organisations not covered by the Directive.

The Platform gathered almost 600 stakeholders representing the business community, civil society, academia, researchers and member states. NIS Platform work has been divided into three sub-groups dealing with risk management; voluntary information exchange and incident coordination as well as secure ICT research and innovation. Over the course of two years the working groups have developed a number of deliverables, including the Strategic Research Agenda, which feeds into the process of creating the contractual Private Public Partnership on cybersecurity addressed in the previous sections of this consultation.

The Commission would like to take the opportunity to ask stakeholders, who participated in the efforts of the NIS Platform, about their views on Platform's work to date. The Commission would also like to have the views of all interested stakeholders on the future of the NIS Platform. It will take these views into consideration in the process of developing a new Work Programme for the NIS Platform following the expected adoption of the NIS Directive in early 2016.

1. NIS Platform format - what did you like about the structure and working methods of the NIS Platform and what would you suggest changing (if anything)?

*1200 character(s) maximum*

*Question for stakeholders who took part in the NIS Platform's work*

2. What possible future areas of work should the NIS Platform focus on following the adoption of the NIS Directive?

*1200 character(s) maximum*

*Question for all stakeholders*

3. What were your reasons for engaging/not engaging in the NIS Platform's work so far?

*1200 character(s) maximum*

*Question for all stakeholders*

4. What would be your motivation for engaging in the NIS Platform's work after the adoption of the NIS Directive, and what expectations would you have?

*1200 character(s) maximum*

*Question for all stakeholders*

## VIII. Sharing your data and views

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\* Please upload additional data and information relevant to this survey.

*2000 character(s) maximum*

Please upload your file

[1] For further information, please consult the Strategic Research Agenda of the WG3 Network and Information Security (NIS) Platform - <https://resilience.enisa.europa.eu/nis-platform/shared-documents/wg3-documents/strategic-research-ag>

### Contact

✉ [CNECT-FEEDBACK-CYBERSECURITY-DSM@ec.europa.eu](mailto:CNECT-FEEDBACK-CYBERSECURITY-DSM@ec.europa.eu)

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