

# FORESIGHT ON EMERGING AND FUTURE CYBERSECURITY CHALLENGES (RECAST)

## CALL FOR APPLICATIONS FOR THE SELECTION OF MEMBERS OF AN ENISA AD HOC WORKING GROUP

### 1. INTRODUCTION

The ENISA strategy sets the goal for Strategic objective 6 “Foresight On Emerging And Future Cybersecurity Challenges “ and aims to start a new chapter for ENISA that will enable the Agency to:

- **understand** emerging trends and patterns
- **assess** emerging challenges and risks
- **collaborate** with stakeholders, decision- and policy-makers on appropriate mitigation strategies
- **improve** the EU resilience to cybersecurity threats and find solutions to address emerging challenges.

Numerous new technologies, still in their infancy or close to mainstream adoption, would benefit from the use of foresight methods. Through a **structured process** enabling dialogue among stakeholders, decision- and policy-makers would be able to define early mitigation strategies that improve the EU resilience to cybersecurity threats and find solutions to address emerging challenges.

In order to fulfil this strategic objective in the ENISA’s WP2021 there is a dedicated Output 8.1 Foresight and the present call for applications for the selection of members of an ENISA ad hoc working group aims at fulfilling this goal.

## 2. BACKGROUND OF THE AD HOC WORKING GROUP

As stipulated in Regulation (EU) 2019/881<sup>1</sup>, Art. 20(4), the Executive Director of the EU Agency for Cybersecurity may set up ad hoc working groups composed of experts, including experts from the Member States' competent authorities, where necessary and within ENISA's objectives and tasks. Ad hoc working groups provide ENISA with specific advice and expertise.<sup>2</sup> Prior to setting up an ad hoc working group, the Executive Director of ENISA shall inform the Agency's Management Board (article 20 (4)).

The members of the ad hoc working groups are selected according to the highest standards of expertise, aiming to ensure appropriate balance according to the specific issues in question, between the public administrations of the Member States, the Union institutions, bodies, offices and agencies, and the private sector, including industry, users, and academic experts in network and information security.<sup>3</sup>

Output 8.1 Foresight aims at developing a tailored methodology for **mapping emerging cybersecurity challenges** and pave the road for future efforts. The project involves **strategic long-term analysis, guidance and advice on present and emerging technologies and their interplay with cybersecurity**. Along these lines, ENISA seeks to interact with a broad range of stakeholders for the purpose of identifying and collecting present and emerging challenges, based on the **expected technological, societal, legal, economic and regulatory impact**, in order to establish an interdisciplinary ENISA ad hoc working group that could indicatively include interdisciplinary experts, professionals and authors in

- epistemology
- economy and market development
- foresight
- future scenarios development
- future studies
- horizon scanning
- innovation and emerging trends
- long term strategy
- long-range planning
- political development
- risk analysis
- scenario testing and visioning
- societal development and transformation
- systematic trend watching
- systems thinking
- technology innovation

The membership to this group is foreseen to pursue **diverse, broad, interdisciplinary representation** across stakeholders' communities in order to cover **future technological and societal challenges that could impact the Union's infrastructure and services, and our ability to keep our society and citizens digitally secure.**

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<sup>1</sup> Article 20(4) of Regulation (EU) 2019/881.

<sup>2</sup> Article 20(4) of Regulation (EU) 2019/881.

<sup>3</sup> Recital 59 of Regulation (EU) 2019/881,

In particular, societal changes play an important role in technology adoption: firstly they affect the creation of new products. Secondly, they play an important role on how existing products are being used. In both cases, **societal challenges affect technology deployment and security/privacy issues.**

Societal changes with regard to digitisation are undoubtedly a significant phenomenon in society. Understanding those changes helps identifying behaviour and habits of end users – that is - deriving various usage scenarios. This, in turn, provides important incentives for protection requirements of end-users.

### 3. SCOPE OF THE AD HOC WORKING GROUP

The scope of this ad hoc working group is to advise ENISA in developing foresight on emerging cybersecurity challenges and other tasks related to future cybersecurity trends and scenarios.

Key tasks of this ad hoc working group include:

- advising and contributing to ENISA's foresight methodology for cybersecurity long term scenarios;
- advice on interdisciplinary systems & long term thinking, long-range planning, systematic trend watching, scenario development, and visioning;
- review of related ENISA deliverables;
- advice ENISA stakeholders, decision- and policy-makers on emerging opportunities, risk management and appropriate mitigation strategies;
- generally advising and contributing to carrying out ENISA's tasks in relation to foresight in cybersecurity.

A minimum of 4 meetings per year are foreseen and a minimum of two days of active engagement. The preliminary estimate of the duration of the ad hoc working group is for up to two (2) calendar years from the kick off date of this working group; extension of the mandate of this ad hoc working group is possible, should the scope of the work is not completed in two (2) year.

### 4. APPOINTMENT OF MEMBERS

The members of the ad hoc working groups shall be appointed by the Executive Director of ENISA from a list of suitable applicants duly selected in line with this call.

The appointment will be done for a period equal to the duration of the working group.

The selection of members is based on a personal capacity or for the purpose of representing particular interests that generally serve a public goal and they have a clear demonstrable skillset in such areas as futures studies and strategic foresight, strategic forecasting, etc... Attention will be given to ensuring the interdisciplinary nature of the working group as described in Section 2.

The members of this ad hoc working group may be reimbursed for their expenses to participate in the meetings according to the ENISA Reimbursement rules.

Besides members of the ad hoc working group, ENISA is likely to establish a reserve list, in accordance with the same conditions that apply to members, who shall be called to replace any members indisposed due to reasons stated below.

Members who are no longer willing or no longer capable to contribute effectively to the group's deliberations, who in the opinion of ENISA do not comply with the conditions set out in Article 339 of the Treaty on the functioning of the European Union or who resign, shall no longer be invited to participate in any meetings of the Group and may be replaced for the remaining duration of the ad hoc working group.

Organisations and public entities, such as EU bodies, offices or agencies and international organisations, may be granted an observer status; organisations and public entities appointed as observers shall nominate their representatives. Observers and their representatives may be permitted by the Chair to take part in the discussions of the group and provide expertise. Their representatives generally cover their own expenses.

ENISA staff will be designated as Chair and Secretariat of the ad hoc working group.

An ad hoc working group may be supported by up to four rapporteurs who can assist with editorial, document management and other associated tasks. Rapporteurs are selected from among the members of the ad hoc working group; they may be remunerated for their services and they may be reimbursed for their expenses to participate in the meetings according to the ENISA Reimbursement rules.

ENISA will propose to the ad hoc working group a set of draft rules of procedure to be adopted as appropriate.

The membership of an ad hoc working group is generally limited to fifteen (15) members. Additionally, representatives of the various organisations and bodies, mentioned above can join meetings as observers.

In case of a member's unavailability, disqualification or resignation the chair of the ad hoc working group can appoint a member (or members) from the reserve list, to replace any members who are indisposed. The new member(s) will be appointed for the remaining of the term of the ad hoc working group

In principle, the ad hoc working group shall convene in ENISA premises or as otherwise decided on a proposal of the Chair. The bulk of the work can be carried out remotely; conference calls or video conferencing are permitted and encouraged; support and planning will be provided by ENISA as appropriate.

The members of the ad hoc working group, as well as invited experts and observers, are subject to the obligation of professional secrecy, which by virtue of the Treaties and the rules implementing them applies to all members of the institutions and their staff, as well as, by analogy, to the Commission's rules on security regarding the protection of Union classified information, laid down in European Commission Decisions (EU, Euratom) 2015/44310 and 2015/444.<sup>4</sup>

## 5. TRANSPARENCY

The members of the ad hoc working group (including rapporteurs) shall make a confidentiality and an absence of conflict of interest statement (declaration). Observers, invited experts etc.

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<sup>4</sup> Commission Decision (EU, Euratom) 2015/444 of 13 March 2015 on the security rules for protecting EU classified information (OJ L 72, 17.3.2015, p. 53).



have no such obligation. Ad hoc working groups are subject to the conditions of Regulation (EC) No 1049/2001.<sup>5</sup>

## 6. PERSONAL DATA PROCESSING

Personal data shall be collected, processed and published in accordance with Regulation (EU) 2018/1725<sup>6</sup>. For further information, please refer to the data protection notice that is available as a separate document with the call.

## 7. REMUNERATION OF RAPPORTEURS

A working group may designate Rapporteur(s) from among its members who shall ensure that draft reports or opinions are prepared, if necessary within a set of time period. The work of the Rapporteur is terminated when the Working Group adopts the report or opinion. Each selected member acting as rapporteur may be remunerated, in line with the ENISA Financial Regulation.

Rapporteurs may decide to refrain from collecting remuneration on the basis of personal or professional considerations; in this case they remain eligible to apply.

## 8. REIMBURSEMENT OF MEMBERS

Members of an ad hoc working group may be reimbursed for their travel and subsistence expenses. If a member is from a location other than the location required for the provision of services or place of meeting, the following expenses are then eligible:

1. Travel expenses (economy class flight or 1st class train – whichever is more cost effective) from the European country/city in which the contractor is officially registered to another European city.
2. A “per diem” applicable to the country in which the meeting will take place. This allowance is set by the European Commission (download the latest rates from website ([http://ec.europa.eu/comm/europeaid/perdiem/index\\_en.htm](http://ec.europa.eu/comm/europeaid/perdiem/index_en.htm)) and it covers all daily living expenses including hotel, meals, local travel etc.
3. No other claims for living or transportation costs will be accepted.

Members may select to refrain from being reimbursed on the basis of personal or professional considerations; in this case they remain eligible to apply.

Observers are neither remunerated nor reimbursed, except in duly justified cases, to be determined by the Executive Director of ENISA.

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<sup>5</sup> Regulation (EC) No 1049/2001 of the European Parliament and of the Council of 30 May 2001 regarding public access to European Parliament, Council and Commission documents. Exceptions are intended to protect public security, military affairs, international relations, financial, monetary or economic policy, privacy and integrity of the individual, commercial interests, court proceedings and legal advice, inspections/investigations/audits and the institution's decision-making process.

<sup>6</sup> Regulation (EU) 2018/1725 of the European Parliament and of the Council of 23 October 2018 on the protection of natural persons with regard to the processing of personal data by the Union institutions, bodies, offices and agencies and on the free movement of such data, and repealing Regulation (EC) No 45/2001 and Decision No 1247/2002/EC.

## 9. APPLICATION PROCEDURE

Individuals interested are invited to submit their application to ENISA via the dedicated section on the ENISA web site. Applications must be completed in one of the official languages of the European Union. However, applications in English would facilitate the evaluation procedure. If another language is used, it would be helpful to include a summary of the CV and/or the application in English. An application will be deemed admissible only if it is submitted by the deadline.

A letter of intention of max 300 words from the candidate is required to support the application.

### 9.1 DEADLINE FOR APPLICATION

The duly completed applications must be submitted by 12h00 EET (Athens time) on 12th March 2021. The date and time of submission will be established on the website upon submission of an application.

## 10. SELECTION CRITERIA

ENISA will take the following criteria into account when assessing applications:

- Recognised competence (e.g. technical, policy, organisational or a combination thereof) and experience in the area of interdisciplinary and systems & long term thinking, long-range planning, systematic trend watching, scenario development, and visioning;
- Proven ability to deliver on issues relevant to foresight and future scenarios development to cover future technological and societal challenges that could impact the Union's infrastructure and services, and our ability to keep our society and citizens digitally secure.
- Excellent knowledge of English allowing active participation in the discussions.
- Participation in at least one foresight exercise with a published report.
- Published at least one article or publication about a futuristic topic.

## 11. SELECTION PROCEDURE

The selection procedure shall consist of an assessment of the applications performed by ENISA as appropriate against the selection criteria mentioned above in this call, followed by the establishment of a list of the most suitable applicants and concluded by the appointment of the members of the ad hoc working group by the Executive Director of ENISA.