

European Union Agency for Cybersecurity

DECISION No MB/2020/7 of the Management Board of the European Union Agency for Cybersecurity (ENISA) amending Section III “Work Programme Year 2020” of the ENISA Programming document 2020 - 2022

THE MANAGEMENT BOARD OF ENISA,

Having regard to the Regulation (EU) 2019/881 of the European Parliament and of the Council of 17 April 2019 on ENISA (the European Union Agency for Cybersecurity) and on information and communications technology cybersecurity certification and repealing Regulation (EU) No 526/2013 (Cybersecurity Act)¹, in particular Article 15.1.(d), and Article 24.6.

Having regard to the Decision No MB/2019/8 on the Financial Rules applicable to ENISA in conformity with the Commission Delegated Regulation (EU) No 2019/715 of 18 December 2018 of the European Parliament and of the Council,

Having regard to the decision No MB/2019/16 of the Management Board of the European Union Agency for Cybersecurity (ENISA) adopting the Programming Document 2020-2022, the Statement of estimates 2020 and the Establishment plan 2020.

Whereas due to the special circumstances of the COVID -19 Pandemic, restrictions to travel and to gather have been imposed for an unknown period of time that started in March 2020. In response to these extraordinary measures, the Agency has identified some of its activities that require change or postponement in order to be able to deliver the planned outputs.

Whereas new cybersecurity activities have been identified due to the rapid digitalisation in response to the special circumstances of the COVID -19 Pandemic.

HAS DECIDED TO ADOPT THE FOLLOWING DECISION:

Article 1

1. Section III “Work Programme Year 2020” of the ENISA Programming document 2020 – 2022 is amended as provided in the Annex 1.

¹ OJ L 151, 7.6.2019, p. 15–69



2. Amendments detailed in the Annex 1 shall be neutral in terms of the Establishment Plan 2020.
3. Budgetary change necessitated by these amendments shall be implemented in accordance with Article 26 of the Decision No MB/2019/8 on the Financial Rules applicable to ENISA.

Article 2

This decision shall enter into force on the day of its adoption. It will be published on the Agency website.

Done by written procedure on 16 June 2020.

On behalf of the Management Board,

[signed]

Jean-Baptiste Demaison

Chair of the Management Board of ENISA

Annex 1
of the Decision No MB/2020/7
of the Management Board
of the European Union Agency for Cybersecurity (ENISA)
amending Section III "Work Programme Year 2020"
of the ENISA Programming document 2020 - 2022

AMENDMENTS OF THE WORK PROGRAMME 2020

1.1 INTRODUCTION

This document lists the amendments to work programme 2020 detailed in the ENISA Single Programming document 2020-2022.

The Single Programming document 2020 – 2022 was adopted by the ENISA Management Board on 21 November 2019 by the Decision No MB/2019/16.

In order to reflect measures taken by the Agency, challenges stemming from COVID – 19 Pandemic shall be addressed . This situation triggered the need to adjust some outputs and redesign some of the activities that initially foresaw physical meeting either by postponing them or by organising remote meetings.

This revision allows for:

- strengthening the financial support to certain priority actions,
- introducing minor changes and updates to the text,
- introducing other budgetary and technical changes due to shift to remote meetings instead of meetings in person.

The amendments are listed in the order of sections, comparing against the ENISA SPD2020-2022 text.

All proposed amendments are a response to the COVID19 situation. There are a total of 18 draft amendments proposed, representing a reduction of 246,000 euros to the planned budget. The draft proposal includes the reformatting of ten events from physical to online, the cancellation of two events and the postponement of another four events into 2021. In addition, there is a change in scope of five outputs, the cancellation of one deliverable and two new activities proposed.

1.2 AMENDMENTS

1.2.1 Amendment 1 - O.1.1.1 Building knowledge on the security of Internet of Things

1. Output 1.1.1 Building knowledge on the security of Internet of Things and table at the end of the Activity 1 section
2. Reason for change: Due to COVID-19 pandemic and travelling restrictions the annual IoT security conference will be planned as one or more online events and the physical event will not take place.
3. Type of change: modification of entry in the table
4. Paragraph/section/text is modified and copied between quotation marks : Not applicable

5. If text changed, the new version of the text/value etc. between quotation marks (“”), new words/sections in **bold**, text/words cut using ~~strike through~~: (“”): Not applicable
6. Updated KPIs and results for each Activity: no change in KPIs
7. Budget change: Yes, budget is reduced by 30,000 euros.

Row for Output 1.1.1 in table of the section “Summary of outputs and performance indicators in Activity 1 Expertise”:

Output O.1.1.1 –Building knowledge on the security of Internet of Things	<p>P: Guidelines for securing the Internet of Things, Q4</p> <p>E: Conference on IoT Cybersecurity with relevant stakeholders, Q3-Q4</p> <p>S: Support the EC, MS and IoT stakeholders in major EU initiatives, Q1-Q4</p>	Engage 10 IoT stakeholders from 5 EU MS in the preparation of the study (P)
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Is replaced by:

Output O.1.1.1 –Building knowledge on the security of Internet of Things	<p>P: Guidelines for securing the Internet of Things, Q4</p> <p>E: Online event(s) on IoT Cybersecurity with relevant stakeholders, Q3-Q4</p> <p>S: Support the EC, MS and IoT stakeholders in major EU initiatives, Q1-Q4</p>	Engage 10 IoT stakeholders from 5 EU MS in the preparation of the study (P)
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1.2.2 Amendment 2 - O.1.1.2 Building knowledge on the security of Connected and Automated Mobility (CAM)

1. Output 1.1.2 Building knowledge on the security of Connected and Automated Mobility (CAM) and table at the end of the Activity 1 section
2. Reason for change: Due to COVID-19 pandemic and travelling restrictions KPIs have been adjusted to reflect reduced stakeholder engagement due to COVID-19 impact on industries (i.e. extended furlough). In this particular case, we do not believe that car manufacturers will be available to the extent necessary to support the study.
3. Type of change: update of entry in the table
4. Paragraph/section/text is modified and copied between quotation marks : Not applicable
5. If text changed, the new version of the text/value etc. between quotation marks (“”), new words/sections in **bold**, text/words cut using ~~strike through~~: (“”): Not applicable
6. Updated KPIs and results for each Activity: change in KPIs to reflect an expected reduced engagement of car manufacturers due to the impact of COVID-19 .
7. Budget change: Yes, budget is reduced by 5,000 euros

Row for Output 1.1.2 in table of the section “Summary of outputs and performance indicators in Activity 1 Expertise”:

Output O.1.1.2 –Building knowledge on the security of Connected	P: Recommendations for the security of CAM, Q4	Engage 5 automotive manufacturers and 5 CAM
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Automated Mobility (CAM)	S: Support the Commission, MS and automotive industry to holistically address cybersecurity of CAM in relevant policy initiatives, Q1-Q4	stakeholders from 5 EU MS in the preparation of the study,
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Is replaced by:

Output O.1.1.2 – Building knowledge on the security of Connected Automated Mobility (CAM)	P: Recommendations for the security of CAM, Q4 S: Support the Commission, MS and automotive industry to holistically address cybersecurity of CAM in relevant policy initiatives, Q1-Q4	Engage 5 automotive manufacturers and 5 10 CAM stakeholders from 5 EU MS in the preparation of the study (P) ,
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1.2.3 Amendment 3 - O.1.1.3 Building knowledge on Artificial Intelligence security

1. Output 1.1.3 Building knowledge on Artificial Intelligence security and table at the end of the activity 1 section
2. Reason for change: Due to COVID-19 pandemic and travelling restrictions the Artificial Intelligence Security workshop will be planned as an online event and the physical event will not take place
3. Type of change: text deleted in Output and update of entry in the table
4. Which paragraph/section/text is modified and copied between quotation marks : Not applicable
5. If text changed, the new version of the text/value etc. between quotation marks (“”), new words/sections in **bold**, text/words cut using ~~strike through~~: (“”): Not applicable
6. Updated KPIs and results for each Activity: no change in KPIs
7. Budget change: Yes, budget is reduced by 40,000 euros

Row for Output 1.1.3 in table of the section “Summary of outputs and performance indicators in Activity 1 Expertise”:

Output O.1.1.3 – Building knowledge on Artificial Intelligence security	P: Artificial intelligence: Cybersecurity challenges, Q4 E: Artificial intelligence security workshop, Q3-Q4 S: Support the European Commission and MS in related EU initiatives, Q1-Q4	Engage 10 stakeholders in the preparation of the publication (P) At least 20 stakeholders participating in the workshop (E)
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Is replaced by:

Output O.1.1.3 – Building knowledge on Artificial Intelligence security	P: Artificial intelligence: Cybersecurity challenges, Q4 E: Online Artificial intelligence security workshop, Q3-Q4 S: Support the European Commission and MS in related EU initiatives, Q1-Q4	Engage 10 stakeholders in the preparation of the publication (P) At least 20 stakeholders participating in the workshop (E)
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1.2.4 Amendment 4 - O.1.1.4 Building knowledge on the security of Healthcare services

1. Output 1.1.4 Building knowledge on the security of Healthcare services and table in the end of the activity section
2. Reason for change: Due to COVID-19 pandemic and travelling restrictions the Annual eHealth workshop will be planned as an online event (discussion panel) and the physical event will not take place. In addition, we expect limited availability of subject matter experts to participate in the planned study. Finally, at the Commission's request, we will support them in helping Member States to implement the recently defined COVID19 tracking app toolbox.
3. Type of change: change of text in the text and deletion in the table
4. Which paragraph/section/text is modified and copied between quotation marks : not required in this case as only added text
5. If text changed, the new version of the text/value etc. between quotation marks (""), new words/sections in bold, text/words cut using strikethrough.: (""): "The emerging situation from the COVID19 pandemic affecting the sector will be reflected in all activities on the topic. Leveraging on previous studies, the Agency will support the Commission¹ in implementing the EC toolbox² on mobile applications to support tracing in the EU fight against COVID19. ENISA will also encourage stakeholders from this sector to provide input to the weekly Situational Report (OSINT) during the difficult times of crisis."
6. Updated KPIs and results for each Activity: Change in KPI (reduction from 12 to 8 MS)
7. Budget change: Yes, budget is reduced by 8,000 euros

Row for Output 1.1.4 in table of the section "Summary of outputs and performance indicators in Activity 1 Expertise":

Output O.1.1.4 - Building knowledge on the security of Healthcare services	P: Good practices for cybersecurity in healthcare organisations, Q4 S: Support EU healthcare organisations in identifying risks in their systems, Q1-Q4 E: Annual eHealth workshop, Q3-Q4	Engage healthcare stakeholders from at least 12 EU MS in this activity, i.e. publication (P) and/or workshop (E) and/or support (S)
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Is replaced by:

Output O.1.1.4 - Building knowledge on the security of Healthcare services	P: Good practices for cybersecurity in healthcare organisations, Q4 S: Support EU healthcare organisations in identifying risks in their systems Support EC in COVID19 mobile apps toolbox activities, Q1-Q4 E: Online discussion panel on eHealth Security, Q4 E: Annual eHealth workshop, Q3-Q4	Engage healthcare stakeholders from at least 12 8 EU MS in this activity, i.e. publication (P) and/or workshop (E) and/or support (S)
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1.2.5 Amendment 5 - O.1.1.5 Building knowledge on maritime security

1. Output 1.1.5 Building knowledge on maritime security and the table in the end of the activity section
2. Reason for change: Due to COVID-19 pandemic and travelling restrictions the workshop will be planned as an online event and the physical event will not take place
3. Type of change: change in the text, deletion in the table

¹ <https://ec.europa.eu/info/strategy/priorities-2019-2024/europe-fit-digital-age/european-data-strategy>

² https://ec.europa.eu/health/ehealth/key_documents_en#anchor0

4. Paragraph/section/text is modified and copied between quotation marks (“”): “ENISA will interact with relevant key stakeholders from the public sector such as DG MOVE, EMSA, competent national authorities, and from the private sector such as managing bodies of ports, port facilities, water transport companies, vessel traffic service operators as well as ICT product and service vendors to collect information and validate the study’s findings.”
5. If text changed, the new version of the text/value etc. between quotation marks (“”), new words/sections in **bold**, text/words cut using ~~strike through~~. “ENISA will interact with relevant key stakeholders from the public sector such as DG MOVE, EMSA, competent national authorities, and from the private sector such as managing bodies of ports, port facilities, water transport companies, vessel traffic service operators as well as ICT product and service vendors to collect information and validate the study’s findings. **Restrictions stemming from the COVID19 pandemic will be reflected in the sector activities. In particular**, due to COVID-19 pandemic and travelling restrictions any necessary physical workshops will be planned as online events and the physical event will not take place.”
6. Updated KPIs and results for each Activity: no change in KPIs
7. Budget change: Yes, budget will be reduced by 10,000 euros

Row for Output 1.1.5 in table of the section “Summary of outputs and performance indicators in Activity 1 Expertise”:

Output O.1.1.5 – Building knowledge on maritime security	P: Guidelines for cyber security in the maritime sector, Q4 S: Support the European Commission, MS and maritime industry to holistically address cybersecurity of the maritime sector, Q1-Q4	Engage 10 maritime sector stakeholders from 5 EU MS in the preparation of the study (P)
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Is replaced by:

Output O.1.1.5 – Building knowledge on maritime security	P: Guidelines for cyber security in the maritime sector, Q4 S: Support the European Commission, MS and maritime industry to holistically address cybersecurity of the maritime sector under the restrictions of the COVID19 pandemic , Q1-Q4	Engage 10 maritime sector stakeholders from 5 EU MS in the preparation of the study (P)
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1.2.6 Amendment 6 - O.1.2.3 Support Incident reporting activities in the EU

1. Output 1.2.3 Support Incident reporting activities in the EU and table in the end of the activity section
2. Reason for change: The COVID19 situation increased the pressure on the resilience of the telecommunications sector during the crisis. The effects of this will be analysed by ENISA. Also, due to COVID-19 pandemic and travelling restrictions any necessary meetings will be planned as online events and physical events will not take place.
3. Type of change: change of text in the text, update and deletion in the table
4. Paragraph/section/text is modified and copied between quotation marks (“”) “ENISA has extensive expertise in producing summary incident reports at EU level through the work with Member States and telecom providers on the transposition of Article 13a of the Telecommunications Framework Directive of 2009, and Article 19 of the eIDAS regulation. ”
5. If text changed, the new version of the text/value etc. between quotation marks (“”), new words/sections in **bold**, text/words cut using ~~strike through~~. “ENISA has extensive expertise in producing summary incident reports at EU level through the work with Member States and telecom providers on the transposition of Article 13a of the Telecommunications Framework Directive of 2009, and Article 19 of the eIDAS regulation. **In the light of the COVID19 pandemic crisis, reporting on the continuity of services in the telecom**

sector increased and ENISA will analyse further this information under the request of the sector or under the request of the Member States. “

6. Updated KPIs and results for each: Change to the format of the workshops
7. Budget change: Yes, budget is reduced by 15,000 euros

Row for Output 1.2.3 in table of the section “Summary of outputs and performance indicators in Activity 1 Expertise”:

<p>Output O.1.2.3 – Support Incident reporting activities in the EU</p>	<p>P: Annual Incident Analysis Report for the Telecom Sector, Q4 E: Three workshops for the Art. 13a³ working group P: Short Position Paper - Analysis of a technical topic requested by the Art. 13a EG, Q1-Q4 P: Annual Incident Analysis Report for the Trust Service Providers, Q4 E: Two workshops for the Art. 19⁴ meetings S: Support MS and the EC in implementing NISD incident reporting requirements. P: Best practices for further development of the NISD incident notification frameworks across EU, Q4</p>	<p>More than 20 NRAs/EU MS contribute in preparation of the report (Art. 13a) (P) More than 10 SBs/EU MS contribute in preparation of the report (Art. 19) (P) Engage more than 10 MS in discussions and work related to implementing particularities of the NISD incident reporting framework (S).</p>
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Is replaced by:

<p>Output O.1.2.3 – Support Incident reporting activities in the EU</p>	<p>P: Annual Incident Analysis Report for the Telecom Sector, Q4 E: Three One physical and two online workshops for the Art. 13a⁵ working group P: Short Position Paper - Analysis of a technical topic requested by the Art. 13a EG, Q1-Q4 P: Annual Incident Analysis Report for the Trust Service Providers, Q4 E: Two One physical and one online workshops for the Art. 19⁶ meetings S: Support MS and the EC in implementing NISD incident reporting requirements under the restrictions of the COVID19 pandemic.</p>	<p>More than 20 NRAs/EU MS contribute in preparation of the report (Art. 13a) (P) More than 10 SBs/EU MS contribute in preparation of the report (Art. 19) (P) Engage more than 10 MS in discussions and work related to implementing particularities of the NISD incident reporting framework (S).</p>
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³ Article 13a of the amended Framework Directive 2002/21/EC (2002).
⁴ Article 19 of the eIDAS regulation (2014).
⁵ Article 13a of the amended Framework Directive 2002/21/EC (2002).
⁶ Article 19 of the eIDAS regulation (2014).

	P: Best practices for further development of the NISD incident notification frameworks across EU, Q4	
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1.2.7 Amendment 7 - O.1.2.4. Supporting PSIRTs and NIS sectorial incident response expertise

1. Output O.1.2.4 – Supporting PSIRTs and NIS sectorial incident response expertise.
2. Reason for change: COVID-19 outbreak has increased the workload on the main stakeholders (CSIRTs and PSIRTs). In particular, the CSIRTs Network is working in alert cooperation mode with potential to escalate to full cooperation mode. In order to ensure availability of the key stakeholders, the start of this project has been postponed resulting in postponement of the planned validation workshop to 2021.
3. Type of change: Deleted text and corresponding table row and budget amendments.
4. Paragraph/section/text is modified and copied between quotation marks: “In addition to the above, the Agency will organise a validation workshop with the EU, Member States and sectoral stakeholders to present the results and gather feedback on current experiences with approaching incidents, threats and vulnerabilities including multiple stakeholders.”
5. If text changed, the new version of the text/value etc. between quotation marks (“~~In addition to the above, the Agency will organise a validation workshop with the EU, Member States and sectoral stakeholders to present the results and gather feedback on current experiences with approaching incidents, threats and vulnerabilities including multiple stakeholders.~~”),
6. Updated KPIs and results for each Activity: Yes, validation workshop postponed to 2021
7. Budget change: Yes, budget is reduced by 10,000 euros

The table row:

Output O.1.2.4 - Supporting PSIRTs and NIS sectorial incident response expertise	P: good practice on sectoral CSIRT and PSIRT expertise and practices, E: validating workshop with EU MS and sectoral CSIRTs/PSIRTs, Q4	Engage sectoral CSIRTs and PSIRTs in MS
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Is replaced by:

Output O.1.2.4 - Supporting PSIRTs and NIS sectorial incident response expertise	P: good practice on sectoral CSIRT and PSIRT expertise and practices (final delivery in 2021), E: validating workshop with EU MS and sectoral CSIRTs/PSIRTs, 2021	Engage sectoral CSIRTs and PSIRTs in MS
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1.2.8 Amendment 8 - O.2.1.1 Supporting policy developments in NIS Directive sectors

1. Output 2.1.1 Supporting policy developments in NIS Directive sectors and related table in the end of activity section
2. Reason for change: Due to COVID-19 pandemic and travelling restrictions, physical workshops will be planned as online events and the physical event will not take place. Also, it is highly likely that new activities will be undertaken in this area reflecting the impact of the crisis.
3. Type of change: new text added and table updated

4. Paragraph/section/text is modified and copied between quotation marks (“”): “Taking into account recent legislative and policy developments in sectors that are defined in the NIS Directive (OESs and DSPs), ENISA will work with the European Commission, Member States and EU agencies to promote coordinated efforts for sectoral cybersecurity in the EU. Any planned activity in the field of cybersecurity in sectors of the NIS Directive that is foreseen in the WP will respect existing EU and national efforts and interests, while taking the ongoing legislative process into consideration.”
5. If text changed, the new version of the text/value etc. between quotation marks (“”), new words/sections in **bold**, text/words cut using ~~strike through~~. “Taking into account recent legislative and policy developments in sectors that are defined in the NIS Directive (OESs and DSPs), ENISA will work with the European Commission, Member States and EU agencies to promote coordinated efforts for sectoral cybersecurity in the EU. Any planned activity in the field of cybersecurity in sectors of the NIS Directive that is foreseen in the WP will respect existing EU and national efforts and interests, while taking the ongoing legislative process into consideration. **Restrictions and further requests stemming from the COVID19 pandemic will be reflected in the corresponding activities.**”
6. Updated KPIs and results for each Activity: no changes in KPI
7. Budget change: Yes, budget is reduced by 20,000 euros

Row for Output 2.1.1 in table of the section “Summary of outputs and performance indicators in Activity 2 Policy”:

<p>Output O.2.1.1 – Supporting policy developments in NIS Directive sectors</p>	<p>P: EU map of policy sectorial initiatives related to NIS Directive, Q4</p> <p>S: Supporting Commission, EU Agencies, MS in policy developments related to NISD sectors, Q1-Q4</p> <p>E: Two workshops with stakeholders from sectors, Q2-Q4</p> <p>S: Supporting European Commission, EU Agencies, MS and/or private sector in the sectorial implementation of NISD sectors, Q1-Q4</p>	<p>Engage at least 10 relevant stakeholders (P and S)</p> <p>At least 20 stakeholders participating in workshops (E)</p>
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Is replaced by:

<p>Output O.2.1.1 – Supporting policy developments in NIS Directive sectors</p>	<p>P: EU map of policy sectorial initiatives related to NIS Directive, Q4</p> <p>S: Supporting Commission, EU Agencies, MS in policy developments related to NISD sectors, Q1-Q4</p> <p>E: Two online workshops with stakeholders from sectors, Q2-Q4</p> <p>S: Supporting European Commission, EU Agencies, MS and/or private sector in the sectorial implementation of NISD sectors, Q1-Q4</p>	<p>Engage at least 10 relevant stakeholders (P and S)</p> <p>At least 20 stakeholders participating in workshops (E)</p>
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1.2.9 Amendment 9 - O.2.2.5 Supporting the implementation of European Electronic Communications Code (EECC)

1. Output 2.2.5 Supporting the implementation of European Electronic Communications Code (EECC) and table at the end of the activity 2 section
2. Reason for change: Due to COVID-19 pandemic and travelling restrictions the workshop with public and private sector stakeholders will be planned as an online event and the physical event will not take place. Moreover, scope of the work is amended to reflect impact of COVID-19 pandemic on EECC related topics.
3. Type of change: update of the table. Text modified and new text added in Output to reflect update of scope.
4. Paragraph/section/text is modified and copied between quotation marks : “The European Electronic Communications Code (EECC), replacing the current Telecom framework directive that was in place since 2009, brings important changes to the electronic communications landscape and to the work of the telecom regulators across the EU. The new code was adopted in 2018 and is expected to bring more harmonisation at EU level and several improvements regarding the security such as:
 - broadens the scope of application to include number-independent (Ni) interpersonal communications services (commonly known as Over-The-Top (OTT) services),
 - a broader definition of security incidents, which is aligned with the definitions in the NIS Directive and in eIDAS, which will result in more types of incidents being reported.

ENISA will support competent authorities of the Member States with the transition, the new supervision tasks, and liaise with relevant industry players to support an effective, efficient and streamlined implementation of the security requirements (Article 40) of the EECC. ENISA will build on the Article 13a Expert Group and its contacts to the private sector to define guidelines and best practices.”
5. If text changed, the new version of the text/value etc. between quotation marks (“”), new words/sections in **bold**, text/words cut using ~~strike through~~: (“”):

“The European Electronic Communications Code (EECC), replacing the current Telecom framework directive that was in place since 2009, brings important changes to the electronic communications landscape and to the work of the telecom regulators across the EU. The new code was adopted in 2018 and is expected to bring more harmonisation at EU level and several improvements regarding the security such as: ~~HERE@@~~

 - broadens the scope of application to include number-independent (Ni) interpersonal communications services (commonly known as Over-The-Top (OTT) services),
 - a broader definition of security incidents, which is aligned with the definitions in the NIS Directive and in eIDAS, which will result in more types of incidents being reported.

In light of the potential impact of the COVID19 pandemic on the resilience and availability of electronic communications, ENISA will support competent authorities of the Member States with the transition, the new supervision tasks, and liaise with relevant industry players to support an effective, efficient and streamlined implementation of the security requirements (Article 40) of the EECC. ENISA will build on the Article 13a Expert Group and its contacts to the private sector to define guidelines and best practices.”
6. Updated KPIs and results for each Activity: change in KPIs <https://en.wikipedia.org/wiki/Furlough>
7. Budget change: No

Row for Output 2.2.5 in table of the section “Summary of outputs and performance indicators in Activity 2 Policy”:

Output O.2.2.5 - Supporting the implementation of European Electronic Communications Code (EECC)	E: Workshop with public and private sector stakeholders S: Support the Commission, the competent authorities in the implementation of European Electronic Communications Code , Q1-Q4	At least 10 MS and 5 providers participate in the activities/workshop (P,E) related to the new EECC
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Is replaced by:

Output O.2.2.5 - Supporting the implementation of European Electronic	E: Online workshop with public and private sector stakeholders S: Support the Commission, and the competent authorities in the	At least 10 MS and 5 providers participate in the activities/workshop (P,E) related to the new EECC
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Communications Code (EECC)	implementation of European Electronic Communications Code , Q1-Q4	
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1.2.10 Amendment 10 - O.2.2.6 Support the MS in improving the cybersecurity of 5G networks

1. Output 2.2.6 Support the MS in improving the cybersecurity of 5G networks
2. Reason for change: Due to COVID-19 pandemic and travelling restrictions cancellation of a physical meeting planned in the context of Support activity "Support BEREC Telecom regulators and private sector in the implementation of the 5G toolbox". The remaining activities under this Support activity remain as is.
3. Type of change: Budget, planned seminar under Support activities are cancelled due to traveling restrictions as a result of the COVID-19 pandemic.
4. Paragraph/section/text is modified and copied between quotation marks : not applicable, text stays the same, only budgetary changes.
5. If text changed, the new version of the text/value etc. between quotation marks (""), new words/sections in **bold**, text/words cut using ~~strike through~~: (""): not applicable, text stays the same, only budgetary changes.
6. Updated KPIs and results for each Activity: no
7. Budget change: Yes, budget reduced by 20,000 euros

Row for Output 2.2.6 in table of the section "Summary of outputs and performance indicators in Activity 2 Policy":

Output O.2.2.6 – Support the MS in improving the cybersecurity of 5G networks	<p>S: Support the Cooperation Group in assessing the implementation of the 5G toolbox, including the Recommendations Review foreseen for October 2020 Q1-Q4</p> <p>S: Support BEREC Telecom regulators and private sector in the implementation of the 5G toolbox, Q1-Q4</p> <p>P: Technical guidelines form the toolbox. Q1-Q4</p> <p>P: Threat Landscape / Risk Assessment Report follow-up Q1-Q4</p> <p>P: Update of the 2014 Technical Guidelines on Security Measures for the Telecom Sector. Q4</p>	Engage stakeholders from at least 10 MS in the activity (P)
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Remains as it was.

1.2.11 Amendment 11 - O.3.1.1 Technical trainings for MS and EU bodies.

1. Output O.3.1.1 – Technical trainings for MS and EU bodies.
2. Reason for change: The COVID-19 outbreak has increased the workload of the main stakeholders (CSIRTs and PSIRTs). In particular the CSIRTs Network is working in alert cooperation mode with potential to escalate to full cooperation mode. CR team needs to be able to ensure continuous CSIRTs network support. For this particular output there is a need to modify scope and amount of planned training delivery for MS. The training delivery is impacted since on site requests are not possible to accommodate at the moment and online training environment is under the development (limited number of technical trainings are available in the cloud at this moment).
3. Type of change: modification of the text and budget amendments.
4. Paragraph/section/text is modified and copied between quotation marks: "In detail, the Agency will continue to provide updated training materials according to the findings of the stocktaking study for

trainings in NISD sectors. As a result ENISA will be able to provide a new set of a training materials based on emerging technologies to reinforce the MS' operational skills and CSIRT/ PSIRT capacities to efficiently manage cybersecurity events. A special emphasis is placed on supporting the MS and EU bodies with concrete guidance (like best practice materials) and concrete actions (like trainings). ENISA will also offer, upon request, direct support to individual Member States to provide technical trainings and advisories. Last but not least, ENISA will continue supporting TRANSITS trainings”

5. If text changed, the new version of the text/value etc. between quotation marks “In detail, the Agency will continue to provide updated training materials according to the findings of the stocktaking study for trainings in NISD sectors. As a result ENISA will be able to provide a new set of a training materials based on emerging technologies to reinforce the MS' operational skills and CSIRT/ PSIRT capacities to efficiently manage cybersecurity events. Special emphasis is placed on supporting the MS and EU bodies with concrete guidance (like best practice materials) and concrete actions (like trainings). ENISA will also offer, upon request, direct support to individual Member States to provide technical trainings and advisories **on best effort basis**. Last but not least, ENISA will continue supporting TRANSITS trainings”,
6. Updated KPIs and results for each Activity: deleted P: Delivery of training session and related KPI.
7. Budget change: Yes, budget reduced by 5,000 euros

The table row:

<p>Output O.3.1.1 - Technical trainings for MS and EU bodies</p>	<p>P: operational training material development and customization to the needs of a NISD Sector (details on operational category can be found on ENISA training website), Q4 S: dedicated training space and technical lab development, Q4 P: Delivery of a training session of the NISD Sector customized training material mentioned above, Q4 S: TRANSITs (European CSIRT training event) support, Q4</p>	<p>At least one training material developed to support operational practices of CSIRTs in Europe. At least 5 CSIRTs contribute to and validate the training material. At least one NISD critical sector covered in the training session. Support at least 3 TRANSITs events.</p>
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Is replaced by:

<p>Output O.3.1.1 - Technical trainings for MS and EU bodies</p>	<p>P: operational training material development and customization to the needs of a NISD Sector (details on operational category can be found on ENISA training website), Q4 S: dedicated training space and technical lab development, Q4 P: Delivery of a training session of the NISD Sector customized training material mentioned above, Q4 S: TRANSITs (European CSIRT training event) support, Q4</p>	<p>At least one training material developed to support operational practices of CSIRTs in Europe. At least 5 CSIRTs contribute to and validate the training material. At least one NISD critical sector covered in the training session. Support at least 3 TRANSITs events.</p>
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1.2.12 Amendment 12 - O.3.1.2 Support EU MS in the development and assessment of NCSS

1. Output 3.1.2 Support EU MS in the development and assessment of NCSS and table in the end of the activity section
2. Reason for change: Given the change of working practices caused by the pandemic and the associated rise in the number of attacks, there is a pressing need to support SMEs in mitigating associated risks. Also, due to COVID-19 pandemic and travelling restrictions workshop will be planned as an online event and the physical event will not take place.
3. Type of change : Text added and text removed in the paragraphs, table updated
4. Paragraph/section/text is modified and copied between quotation marks (“”) “ENISA will continue assisting EU MS to develop their capabilities in the area of NCSS. The Agency can build on its work from previous years and will assist the MS to deploy existing best practices in the relevant fields and offer targeted assistance on specific NCSS objectives (e.g. CIIP, creation of PPPs etc.). A priority will be to support the MS to create a NCSS that is in line with the priorities and requirements of the NIS Directive. Each year, the Agency focuses on one of the objectives of the strategy (e.g. collaboration, CIIP, governance). ENISA will investigate the activities of the MS and examine best practices and new potential incentives such as the sectoral NCSS.

ENISA will continue supporting the MS in evaluating their NCSS and their NIS initiatives. The Agency will update its NCSS assessment methodology and validate it with the help of public and private stakeholders. Then, ENISA will make this assessment methodology available to the MS to use is whenever needed for implementation.

Finally, ENISA will enhance the NCSS map with additional valuable information related to the NISD to create an information hub. As for the past 6 years, ENISA will organise the annual NCSS workshop focusing on the validation of the study’s findings.”

5. If text changed, the new version of the text/value etc. between quotation marks (“”), new words/sections in **bold**, text/words cut using ~~strike through~~. “ENISA will continue assisting EU MS to develop their capabilities in the area of NCSS. The Agency can build on its work from previous years and will assist the MS to deploy existing best practices in the relevant fields and offer targeted assistance on specific NCSS objectives (e.g. CIIP, creation of PPPs etc.). A priority will be to support the MS to create a NCSS that is in line with the priorities and requirements of the NIS Directive. Each year, the Agency focuses on one of the objectives of the strategy (e.g. collaboration, CIIP, governance). ENISA will investigate the activities of the MS and examine best practices and new potential incentives such as the sectoral NCSS. **In the current situation of the COVID19 pandemic, ENISA will analyse the ability of EU SMEs to cope with cybersecurity issues in a crisis such COVID19 and to provide recommendations for improvement; cybersecurity topics such as how to handle phishing campaigns or to mitigate ransomware attacks will be included. SMEs are considered a vital part of society and business, thus in scope of every NCSS.**

ENISA will continue supporting the MS in evaluating their NCSS and their NIS initiatives. The Agency will update its NCSS assessment methodology and validate it with the help of public and private stakeholders. Then, ENISA will make this assessment methodology available to the MS to use is whenever needed for implementation.

Finally, ENISA will enhance the NCSS map ~~with additional valuable information related to the NISD to create an information hub. As for the past 6 years, ENISA will organise the annual NCSS workshop focusing on the validation of the study’s findings.~~

6. Updated KPIs and results for each Activity: change in KPIs to reflect the addition of the support activity.
7. Budget change: Yes, budget reduced by 5,000 euros

Row for Output 3.1.2 in table of the section “Summary of outputs and performance indicators in Activity 3 Capacity”:

Output O.3.1.2 – Support EU MS in the development and assessment of NCSS	<p>S: Support MS in NCSS development and assessment, Q1-Q4</p> <p>E: 1 workshop with EU MS on NCSS development, Q2-Q4</p>	<p>At least 3 MS supported in the implementation of NCSS lifecycle (S).</p> <p>Engage stakeholders (national competent authorities or private sector) from at least 12 EU MS (E).</p>
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Is replaced by:

Output O.3.1.2 – Support EU MS in the development and assessment of NCSS	<p>S: Support MS in NCSS development and assessment, Q1-Q4</p> <p>S: Support SMEs in a situation of a pandemic, Q2-Q4</p> <p>E: 1 online workshop with EU MS on NCSS development, Q2-Q4</p>	<p>At least 3 MS supported in the implementation of NCSS lifecycle (S).</p> <p>At least 12 SMEs engaged in the activity (S).</p> <p>Engage stakeholders (national competent authorities or private sector) from at least 12 EU MS (E).</p>
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1.2.13 Amendment 13 - O.3.1.3 Support EU MS in their incident response development.

1. Output O.3.1.3 – Support EU MS in their incident response development.
2. Reason for change: COVID-19 outbreak has increased the workload of the main stakeholders (CSIRTs and PSIRTs). In particular, the CSIRTs Network is working in alert cooperation mode with potential to escalate to full cooperation mode. For this particular output preparation of deliverables is already started and delivery is envisaged according to original WP. There is however an impact on budget related to this activity since the planned validation workshop will be postponed to 2021.
3. Type of change: budget amendments.
4. Paragraph/section/text is modified and copied between quotation marks: WP text remains unchanged.
5. If text changed, the new version of the text/value etc. between quotation marks: Not applicable,
6. Updated KPIs and results for each Activity: No
7. Budget change: Yes, budget is reduced by 10,000 euros

The table row:

Table remains unchanged

Is replaced by:

Table remains unchanged

1.2.14 Amendment 14 - O.3.1.4 ISACs for the NISD Sectors in the EU and MS

1. Output 3.1.4 ISACs for the NISD Sectors in the EU and MS
2. Reason for change: Due to COVID-19 pandemic and travelling restrictions the workshop will be planned as an online event and the physical event will not take place.
3. Type of change: Physical events under support activities are replaced by online ones due to traveling restrictions as a result of the COVID-19 pandemic.
4. Paragraph/section/text is modified and copied between quotation marks : “ENISA will support the MS during the entire lifecycle of national/European ISACs by engaging all relevant stakeholders: competent national bodies, the private sector, i.e. operators of essential services or manufacturers, and other relevant bodies. ENISA will also explore the possibility of synergies across national ISACs and EU sectoral ones. The Agency will also consider utilising its sectoral expertise that it has acquired through past and current efforts to offer support (upon request) to ISACs by sharing knowledge, e.g. in the form of webinars and other means of communicating knowledge. This will help the private companies operating in numerous MS to have increased benefits from such a collaboration.”
5. If text changed, the new version of the text/value etc. between quotation marks (“”), new words/sections in **bold**, text/words cut using ~~strike through~~: (“”): “ENISA will support the MS during the entire lifecycle of national/European ISACs by engaging all relevant stakeholders: competent national bodies, the private sector, i.e. operators of essential services or manufacturers, and other relevant bodies. ENISA will also explore the possibility of synergies across national ISACs and EU sectoral ones. The Agency will also consider utilising its sectoral expertise that it has acquired through past and current efforts to offer support (upon request) to ISACs by sharing knowledge, e.g. in the form of webinars and other means of communicating knowledge. This will help the private companies operating in numerous MS to have increased benefits from such a collaboration. **Restrictions due to COVID19 pandemic situation will be reflected in the corresponding activities (physical meetings are replaced by online ones).**”
6. Updated KPIs and results for each Activity: no change in KPIs
7. Budget change: Yes, budget will be reduced by 28,000 euros

Row for Output 3.1.4 in table of the section “Summary of outputs and performance indicators in Activity 3 Capacity”:

Output O.3.1.4 –ISACs for the NISD Sectors in the EU and MS	<p>P: Specifications for a toolkit for ISACs, Q4</p> <p>S: Support relevant public and private stakeholders in establishing EU and national ISACs, Q1-Q4.</p> <p>S: Support EU (including Commission’s CEF initiative) and MS ISAC activities, Q1-Q4</p>	<p>At least 3 ISACs supported (S).</p> <p>Engage at least 12 organisations representing at least 3 sectors from at least 8 MS in this activity (P)</p>
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Remains unchanged.

1.2.15 Amendment 15 - O.3.2.2 Cooperation with relevant EU institutions, agencies and other bodies on cybersecurity initiatives

1. O.3.2.2. – Cooperation with relevant EU institutions, agencies and other bodies on cybersecurity initiatives
2. Reason for change: Due to COVID-19 pandemic and travelling restrictions, non essential events have either been cancelled or postponed.
3. Type of change: Support activities are cancelled/delayed due to traveling restrictions as a result of the COVID-19 pandemic. i.e. Summer school is postponed and no other events are planned.
4. Paragraph/section/text is modified and copied between quotation marks :[rows in the table with Outputs copied below and explained] and change to text “ENISA will also participate in organising cybersecurity related events in cooperation with EU institutions and agencies and other relevant bodies.”
5. If text changed, the new version of the text/value etc. between quotation marks (“”) :[row copied below and explained] and text deleted “ENISA will also participate in organising cybersecurity related events in cooperation with EU institutions and agencies and other relevant bodies.”
6. Updated KPIs and results for each Activity: yes
7. Budget change: Yes, budget will be reduced by 50,000 euros

Row for Output 3.2.2 in table of the section “Summary of outputs and performance indicators in Activity 3 Capacity”:

<p>Output O.3.2.2 - Cooperation with relevant EU institutions, agencies and relevant bodies on cybersecurity initiatives</p>	<p>P: Report on the cooperation activities with relevant union bodies, Q4</p> <p>S: Cooperation in organising events, conferences, workshops co-organized with EU institutions, agencies and relevant bodies on cybersecurity initiatives</p> <p>S: Contribute to the EU work on digital sovereignty as required Q2 – Q4</p>	<p>Engage the relevant EU stakeholders (including EASA, EC3, CERT-EU, EDA, EEAS, etc.)</p> <p>Engage 10 stakeholders in the workshop and in preparation of the recommendations</p>
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Is replaced by:

<p>Output O.3.2.2 - Cooperation with relevant EU institutions, agencies and relevant bodies on cybersecurity initiatives</p>	<p>P: Report on the cooperation activities with relevant union bodies, Q4</p> <p>S: Cooperation in organising events, conferences, workshops co-organized with EU institutions, agencies and relevant bodies on cybersecurity initiatives</p> <p>S: Contribute to the EU work on digital sovereignty as required Q2 – Q4</p>	<p>Engage the relevant EU stakeholders (including EASA, EC3, CERT-EU, EDA, EEAS, etc.)</p>
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1.2.16 Amendment 16 - O.4.1.1 Planning of Cyber Europe 2020

1. O.4.1.1 – Planning of Cyber Europe 2020’
2. Reason for change: Member States indicated that they would not be able to support the exercise planned for 2020 due to the COVID19 pandemic.
3. Type of change: Execution date of CE2020 postponed to Q1 2021
4. Paragraph/section/text is modified and copied between quotation marks: Changes in 3 paragraphs
 - a. “In 2020, ENISA will organise the fifth pan-European cyber exercise, the so-called Cyber Europe 2020 (CE2020). In 2019, ENISA will prepare the plan for the CE2020. This exercise will closely follow up and build on the experiences from previous exercises such as CE2018.”
 - b. “The crisis escalation scenario will be realistic to better capture how incidents are being managed and how cooperation works in real life. The exercise will include explicit scenarios for the CSIRTs network, single point of contacts and competent authorities established under the NIS Directive. It will also focus on at least one essential sector. The exercise will also be designed to offer the opportunity to to train the different aspects included in the Cyber Crisis Collaboration Blueprint, that was developed in collaboration with the European Commission, while also taking into account the recommendations provided by the NIS Cooperation Group (e.g. the ‘cybersecurity Incident Taxonomy’ or those on ‘Cooperation procedures amongst Member States and functions and capabilities of the national single point of contact’). Depending on the resources, in 2020, ENISA will also expand the role of the observers (introduced in 2018) to add more value for the exercise overall.”
 - c. “The high-level exercise programme brief will include the strategic dimensions of the exercise and will be prepared based on the experiences from CE2019 . To drive the whole planning process ENISA will assemble a group of planners from the participating countries to jointly develop a detailed exercise plan (ExPlan) in 2020 . ENISA will involve planning group during the whole process and and incorporate their input to create a consented plan. The exercise planning will avoid overlaps with other major related activities.”

5. If text changed, the new version of the text/value etc. between quotation marks (“”), new words/sections in **bold**, text/words cut using ~~strike through~~.
 - a. **“Initially planned for summer in 2020, ENISA will organise the fifth pan-European cyber exercise, the so-called Cyber Europe 2020 (CE2020), in Q1 of 2021. The change was made due to the COVID-19 pandemic.** In 2019, ENISA will prepare the plan for the CE2020. This exercise will closely follow up and build on the experiences from previous exercises such as CE2018.”
 - b. “The crisis escalation scenario will be realistic to better capture how incidents are being managed and how cooperation works in real life. The exercise will include explicit scenarios for the CSIRTs network, single point of contacts and competent authorities established under the NIS Directive. It will also focus on at least one essential sector. The exercise will also be designed to offer the opportunity to ~~to~~ train the different aspects included in the Cyber Crisis Collaboration Blueprint, that was developed in collaboration with the European Commission, while also taking into account the recommendations provided by the NIS Cooperation Group (e.g. the ‘cybersecurity Incident Taxonomy’ or those on ‘Cooperation procedures amongst Member States and functions and capabilities of the national single point of contact’). Depending on the resources, in ~~2020~~ **2021**, ENISA will also expand the role of the observers (introduced in 2018) to add more value for the exercise overall.”
 - c. “The high-level exercise programme brief will include the strategic dimensions of the exercise and will be prepared based on the experiences from CE2019 . To drive the whole planning process ENISA will assemble a group of planners from the participating countries to jointly develop a detailed exercise plan (ExPlan) in 2020 . ENISA will involve planning group during the whole process and ~~and~~ incorporate their input to create a consented plan. The exercise planning will avoid overlaps with other major related activities.”
6. Updated KPIs and results for each Activity: Change on delivery dates (v.i.)
7. Budget change: No

The table row:

Output O.4.1.1 – Planning of Cyber Europe 2020	P: CE2020 After Action Report (restricted), Q4 E: Exercise events, Q1 - Q4	At least 80% EU/ EFTA Member States and countries confirm their support for Cyber Europe 2020
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Is replaced by:

Output O.4.1.1 – Planning of Cyber Europe 2020	P: CE2020 After Action Report (restricted), Q4 Q3 E: Exercise events, Q1–Q4 Q1 2021 – Q3 2021	At least 80% EU/ EFTA Member States and countries confirm their support for Cyber Europe 2020
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1.2.17 Amendment 17 - O.4.2.1. EU CSIRTs Network support

1. Output O.4.2.1 – EU CSIRTs Network support.
2. Reason for change: The COVID-19 outbreak impacted heavily the CSIRTs Network secretariat and infrastructure since the Network elevated its cooperation mode on the 18th of March 2020 and probably it will remain in this mode or escalate further until the end of the COVID-19 outbreak. Technical Situation Reports referred in- Article 7(6) of the CSA in 2020 are being catered for under O.4.1.4 - Supporting the implementation of the information hub, and under O.4.2.1. (the new amendments), though the term of 'technical situation reports' is not specifically mentioned and does not separately appear in the outputs. Indeed, in 2020 the output of this type of support takes the form of the COVID 19 Group report which was shared with NIS Cooperation group, and which is based on contributions from CSIRTs and it is planned to continue with such report. Moreover, OSINT report would also fall under the category of technical situation reports in 2020.

3. Type of change: New activities are planned within this output to ensure high availability and security of CSIRTs Network Portal and enhancement of tools used by the CSIRTs Network.
4. Adjustment of KPI and impact to the budget due to refocus of resources and one event being held remotely.
5. Paragraph/section/text is modified and copied between quotation marks: “As part of this activity, ENISA will continue its tasks as the secretariat of the CSIRTs Network and actively support its functionality by suggestions to improve cooperation and trust building between CSIRTs. The Agency will also support this cooperation, upon request by the members of the CSIRTs Network, by developing best practices and providing guidance in the area of operational community efforts such as on information exchange and secure communication. In particular, the Agency will be proactive in stimulating discussions within the network and providing content to support discussions on policy and technical initiatives according to the CSIRTs Network’s own work programme.”
6. If text changed, the new version of the text/value etc. between quotation marks “As part of this activity, ENISA will continue its tasks as the secretariat of the CSIRTs Network and actively support its functionality by suggestions to improve cooperation and trust building between CSIRTs. **Special emphasis will be given to reinforce the CNW infrastructure and priority will be given to the operational tasks such as supporting the alert or full cooperation mode of the CNW during large cross-border incident or crisis (e.g. Covid-19 cyber).The CNW secretariat will provide support with MS situational reports synthesis and production of the executive summary for reporting to the Cooperation Group as defined in the CNW SOPs. The CSIRTs Network infrastructure and tools (including its alignment with MeliCERTes instances) will also be improved.**”
7. Updated KPIs and results for each Activity: Yes
8. Budget change: Yes, budget is increased by 10,000 euros

The table row:

<p>Output O.4.2.1 – EU CSIRTs Network support</p>	<p>S: Provide CSIRTs Network Secretariat E: Provide meeting organisation and support (minimum 1 event) E: Provide team building activity for the CNW, Q4 P: Facilitate preparation of the next evaluation report for the cooperation group, Q1-Q4 P: CSIRTs Network active support (e.g. communication support); maintaining and improving available means for communication in line with decisions in the CSIRTs Network – e.g. outcome of Working Groups’ effort, Q1-Q4 S: Q1-Q4, Provide CSIRTs Network communication infrastructure development, maintenance, security (Portal, mailing lists, chat), Q4 P: Provide regular pentest of the CNW infrastructure, Q4</p>	<p>Organize at least 1 CNW meeting 90% of MS standing CSIRT representatives and CERT-EU participated in CSIRTs Network regular meetings. Support CNW Chair in preparation of the next evaluation report for the cooperation group. Provide conference call facility backup for the need of the CSIRTs Network operations. At least two penetration tests and necessary security and functionality improvements made to the Cooperation Portal. At least one team building event organised during regular CSIRTs Network Meeting At least four communication checks done to test CNW communication channels readiness.</p>
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	<p>E: Trust building exercise (co-located with the regular CSIRTs Network meeting)</p> <p>P: Further support for CNW specific information exchange and secure communication issues (according to the CSIRTs Network Action plan), Q4</p> <p>S: Active secretariat support and engagement during annual Cyber SOPEX 2020 exercise of the CSIRTs Network according to the CNW SOPs.</p> <p>S: CSIRT maturity assessment and peer review support for members of the CSIRTs Network.</p>	<p>Provide active secretariat support to the facilitator of the SOP exercise during execution according to the CNW procedures.</p>
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Is replaced by:

<p>Output O.4.2.1 – EU CSIRTs Network support</p>	<p>S: Provide CSIRTs Network Secretariat</p> <p>E: Provide meeting organisation and support (minimum 1 event)</p> <p>E: Provide team building activity for the CNW, Q4</p> <p>P: Facilitate preparation of the next evaluation report for the cooperation group, Q1-Q4</p> <p>P: CSIRTs Network active support (e.g. communication support); maintaining and improving available means for communication in line with decisions in the CSIRTs Network – e.g. outcome of Working Groups’ effort, Q1-Q4</p> <p>S: Q1-Q4, Provide CSIRTs Network communication infrastructure development, maintenance, security (Portal, mailing lists, chat), Q4</p> <p>P: Provide regular pentest of the CNW infrastructure, Q4</p> <p>E: Trust building exercise (co-located with the regular CSIRTs Network meeting)</p> <p>P: Further support for CNW specific information exchange and secure communication issues (according to the CSIRTs Network Action plan), Q4</p> <p>S: Active secretariat support and engagement during annual Cyber SOPEX 2020 exercise of the CSIRTs Network according to the CNW SOPs.</p> <p>S: Active secretariat support during crisis and escalated</p>	<p>Organize at least 1 CNW meeting 90% of MS standing CSIRT representatives and CERT-EU participated in CSIRTs Network regular meetings.</p> <p>Support CNW Chair in preparation of the next evaluation report for the cooperation group.</p> <p>Provide conference call facility backup for the need of the CSIRTs Network operations.</p> <p>At least two penetration tests and necessary security and functionality improvements made to the Cooperation Portal.</p> <p>At least one team building event organised during regular CSIRTs Network Meeting</p> <p>At least four two communication checks done to test CNW communication channels readiness.</p> <p>Provide active secretariat support to the facilitator of the SOP exercise during execution according to the CNW procedures.</p> <p>Provide active secretariat support during crisis and escalated cooperation modes.</p>
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	<p>cooperation modes according to CNW SOPs</p> <p>S: CSIRT maturity assessment and peer review support for members of the CSIRTs Network.</p>	
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1.2.18 Amendment 18 - O.4.2.3 Supporting the operations of MeliCERTes platform

1. Output O.4.2.3 - Supporting the operations of MeliCERTes platform.
2. Reason for change: The COVID-19 outbreak impacted heavily the CSIRTs Network secretariat and infrastructure since the Network elevated its cooperation mode on the 18th of March 2020 and probably it will remain in this mode or escalate further until the end of the COVID19 outbreak. As a result, planned activities for this output cannot start before the end of COVID19 situation and CSIRTs network escalated cooperation mode since CNW infrastructure is heavily used for daily operations.
3. Type of change: modified text and updated KPI
4. Paragraph/section/text is modified and copied between quotation marks: "In 2020, ENISA will fully support the platform from an operational perspective. In particular, ENISA will deploy specific operational procedures that are mandatory to follow to maintain the underlying team data and references. In this regard, also centralised workflows to maintain the Central Trust Circles (CTCs) of the MeliCERTes platform. In close cooperation with the CSIRTs Network, ENISA, will closely collaborate with the potential contractor of MeliCERTes II.."
5. If text changed, the new version of the text/value etc. between quotation marks "In 2020, ENISA will fully support MeliCERTes from an operational perspective. In particular, ENISA will **run a dedicated project for tools integration that would benefit CSIRTs using MeliCERTes.** ~~deploy specific operational procedures that are mandatory to follow to maintain the underlying team data and references. In this regard, also centralised workflows to maintain the Central Trust Circles (CTCs) of the MeliCERTes platform.~~ In close cooperation with the CSIRTs Network, ENISA, **will synchronize its efforts with** ~~closely collaborate with the potential~~ the contractor of MeliCERTes II. Introducing changes to operational tools during crisis or large scale incidents is not possible, because it can disrupt business continuity of CSIRTs Network SOPs. ~~Therefore changes to tools can only start after COVID19 outbreak ends.~~ **Therefore changes to tools can be done only during the default operation mode of the CNW.**
6. Updated KPIs and results for each Activity: Yes
7. Budget change: No

The table row:

Output O.4.2.3 - Supporting the operations of MeliCERTes platform	S: Operational support for the MeliCERTes platform	Provide support to CSIRTs using MeliCERTes according to agreed operational procedures.
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Is replaced by:

Output O.4.2.3 - Supporting the operations of MeliCERTes platform	S: Operational support for the MeliCERTes platform	Provide tool integration and support to at least 10 CSIRTs using MeliCERTes according to agreed operational procedures.
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