

COoperative Cyber prOtectiOn for modern power grids

D9.2 Project Leaflet, Website and Press Release

Distribution Level	PU
Responsible Partner	SELENE-CC
Prepared by	Viktor Piotr Papadopoulos
Checked by WP Leader	SELENE-CC
Verified by Reviewer #1	Nefeli - Kyriaki Malamaki (AUTH)
	06/03/2024
Verified by Reviewer #2	Angelos K. Marnerides (UCY)
Verified by Reviewer #2	08/03/2024
Approved by Project Coordinator	Angelos K. Marnerides (UCY)
Approved by Project Coordinator	15/03/2024



Co-funded by the European Union



Disclaimer

Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the Directorate General for Communications Networks, Content and Technology. Neither the European Union nor the DirectorateG eneral for Communications Networks, Content and Technology can be held responsible for them.

Deliverable Record

Planned Submission Date	01/03/2024
Actual Submission Date	15/03/2024
Status and version	FINAL

Version	Date	Author(s)	Notes
0.1	23/02/2024	Viktor Piotr	Preparation of COCOON Leaflet and a simplified
(Draft)		Papadopoulos	edition of the poster
0.2	26/03/2024	Angelos K. Marnerides,	Comment to the 1 st version of the Leaflet and the
(Draft)		Nefeli - Kyriaki	simplified edition of the poster
		Malamaki	
0.3	28/02/2024	Viktor Piotr	Preparation of the COCOON Banners and the 2 nd
(Draft)		Papadopoulos	version of the Leaflet and Poster
0.4	29/03/2024	Angelos K. Marnerides,	Comment on the COCOON Leaflet, Poster, and
(Draft)		Nefeli - Kyriaki	Banner.
		Malamaki	
0.5	01/03/2024	Viktor Piotr	Final Preparation of COCOON Leaflet, Poster, and
(Draft)		Papadopoulos	Banner.
1.0	04/03/2024	Viktor Piotr	Preparation of Deliverable
(Draft)		Papadopoulos	
1.1	05/03/2024	Angelos K. Marnerides	Comments on the 1 st draft
(Draft)			
1.2	06/03/2024	Nefeli - Kyriaki	Comments on the 1 st draft
(Draft)		Malamaki	
2.0	07/03/2024	Viktor Piotr	Integration of all comments into version 2.0
(Draft)		Papadopoulos	
2.1	08/03/2024	Angelos K. Marnerides	Comments to 2 nd draft
(Draft)			
3.0	11/03/2024	Viktor Piotr	Integration of all comments into version 3.0
(Draft)		Papadopoulos	
3.1	13/03/2024	Angelos K. Marnerides	Comments on the 3 rd draft
(Draft)			
4.0	15/03/2024	Nefeli - Kyriaki	Integration of the comments after the 3^{rd} round of
(Final)		Malamaki	review



Table of contents

Definition of Acronyms	. 3
1. Introduction	. 3
2. Project Promotional Materials	. 4
2.1 Leaflet	. 4
2.2 Poster	. 6
2.1 Banner	. 7
3 Press Release	. 8
4 Enhancements to Project Website	10
5 Conclusion	16

Definition of Acronyms

AS	Ancillary Service
CPN	Cocoon Programmable Node
СТД	Cocoon Toolset Dashboard
DRES	Distributed Renewable Energy Sources
EPES	Electric Power and Energy Systems
MFA	Multi-Factor Authentication
QR	Quick-Response
SEL	SELENE-CC
URL	Uniform Resource Locator

1. Introduction

In the first section of T9.3 "COCOON Dissemination Materials," SEL, in collaboration with other project partners, defined the project's corporate identity and produced the initial presentation materials. These materials include the following outputs:

- i. Project leaflet
- ii. Project poster
- iii. Project banner

It is crucial to communicate the vision of the project through promotional materials to advertise our message: "Shielding the power grid for tomorrow."

The dissemination materials have been developed in electronic format to allow easy updating and adaptation to specific target groups or regional differences between countries. Upcoming dissemination activities will involve sharing the project results continuously with relevant stakeholders. These activities encompass workshops, conferences, press releases, reports, journal articles, brochures, digital publications, electronic



newsletters, posters, information leaflets, etc. In the following chapter, the three dissemination outputs developed for COCOON (the leaflet, the poster, and the banner) are briefly described.

Beginning with the leaflet and the detailed poster, which contain the same sections:

- What is the COCOON Project?: A summary of COCOON.
- What are the Goals?: This section outlines the main COCOON objectives.
- How can it be made Real?: Describes the implementation strategies of COCOON.
- Consortium: This section presents the partners and their locations on the Europe map.
- Find more Information: Contains details about the COCOON website, social media, and contact information.

About the simple poster and the banners:

The simple poster distinguishes itself through visual appeal, prominently featuring the COCOON logo and our distinctive slogan.

As for the banners, there are two types:

- The first banner offers an overview of the project, delving into the creation of COCOON's concept and outlining the project's primary focus.
- The second banner displays the consortium on a map, mirroring the representation found in the leaflet and detailed poster.

As the project is ongoing, updated versions of the leaflet, poster, and banners will be generated.

In the second section of Task 9.3, titled "COCOON Dissemination Materials," SEL collaborated with other project partners to craft the initial press release. A comprehensive newsletter designed for a broad audience, including non-scientific journalists, succinctly outlines the project's achievements in the first three months using accessible language, free from scientific jargon. This newsletter was distributed to subscribers and featured on the COCOON website. Moving forward, a series of press releases will be consistently issued, especially following COCOON events and milestones, to keep the media informed about the project's progress.

Additionally, infographics conveying general project information in a layman's language have been uploaded to the project's LinkedIn account. This strategic approach aims to engage a wider audience, facilitating an easy grasp of COCOON's concept and objectives.

The final segment of this deliverable emphasizes the ongoing enhancement of the project website. Regular updates are being implemented to ensure a dynamic and user-friendly platform, providing an improved overall experience for visitors. This effort aligns with the continuation of the previous deliverable's objectives.

2. Project Promotional Materials

2.1 Leaflet

The COCOON project leaflet has been crafted as a concise six-page document, offering an initial and brief glimpse into the project. The brochure succinctly introduces the objective, primary goals, implementation strategies, project consortium, and designated contact persons. Its intended audience is focused on individuals with a more scientific background.



An	in-depth	overview	of	the	leaflet:

The front of the leaflet consists of three images representing the EPES. It includes visuals of the electric power grid and DRES, featuring wind turbines and solar panels. At the bottom, we've added a filter of hexagons, some of which contain locks, forming from the bottom to the top of the image.

The concept behind this image is to convey to the audience that a protective cyber shield (cyber cocoon) is forming, as indicated by the hexagons, to protect the inside of it. In our case, the inside of the shield represents EPES.

In the middle of the leaflet, a map of Europe is featured, pinpointing the locations of each partner along with their logos and the flags of their countries. Below the map, the full names of all the partners are listed alongside their acronyms. Additionally, the partners are separated into categories based on their affiliation.

The next three pages provide a quick overview of the project. Each page contains one paragraph, the first paragraph details the COCOON summary, the second focuses on the objectives of the project, and the third outlines the implementation strategies. At the bottom of each paragraph, we include graphical information about the project. Specifically, under 'What is the COCOON Project?' we add an infographic that displays general information about the project, including duration, budget, partners, and the countries involved. Below the 'What are the Goals?' paragraph, we include a diagram that explains the concept behind the COCOON and how the CPN works together with the CTD. Finally, beneath the 'How can it be made Real?' paragraph, we add another infographic that outlines how COCOON's innovative technologies enhance security and functionality in EPES.

The last page provides information about the COCOON website, featuring a QR code for quick access. An info email is included for contacting us, along with details for two key individuals: the project coordinator and the dissemination and exploitation manager. Additionally, we feature a 'Follow Us On' section with URLs to our social media profiles (LinkedIn and Spotify). At the bottom, we showcase the logos of all project partners.

CONSORTIUM



ACADEMIC PARTNERS

Aristotle University of Thessaloniki (AUTH) Universidad de Sevilla (USE) Delft University of Technology (TUD)

INDUSTRIAL PARTNERS

Ingelectus Innovative Electrical Solutions SL (ING) Southeast Electricity Network Coordination Centre (SEL) European Network for Cyber Security (ENCS) Enexis Personeel B.V. (ENE) Cuerva Energia (CUE) Hellenic Distribution Network Operator (HEDNO) I&K Electrical Engineering Systems (IKE)

ASSOCIATED BENEFICIARY

University of Glasgow (UGLA)

FIND MORE INFORMATION

CONTACT PERSONS:

Angelos K. Marnerides University of Cyprus Project Coordinator of COCOON

Stylianos Kromlidis

SEleNe CC Dissemination and Exploitation Manager

FOLLOW US ON:

https://www.cyber-cocoon.eu/





podcasters.spotify.com/pod/ show/cocoon-cyber-protection

in linkedin.com/company/ cocoon-cyber-protection

COCOON PARTNERS:



COCOON is funded by Horizon Europe (HORIZON-CL3-2022-CS-01)



POWER GRID FOR TOMORROW



WHAT IS COCOON?

COCOON, standing for Cyber-Physical Security of the Electric Power System with Advanced Vulnerability Analysis and Protection, is a transformative initiative funded under the Horizon 2020 research framework. This groundbreaking project is dedicated to revolutionizing cybersecurity measures within the realm of power systems. Focusing on the convergence of Information Technology (IT) and Operational Technology (OT), COCOON addresses the escalating threats posed to Distributed Renewable Energy Sources (DRES) and Electrical Power and Energy Systems (EPES) Operators.

Driven by a collaborative consortium, COCOON integrates state-of-the-art cybersecurity algorithms, methodologies, and advanced technologies to usher in a new era of resilience against cyber-physical threats in the ever-evolving landscape of the energy sector.





COUNTRIES

CY.GR,NL,ES,GB

WHAT ARE THE GOALS?

I. Enhanced Information Exchange: Facilitate secure data processing and enhance real-time information exchange among Energy and Power Systems (EPES) stakeholders. Achievement assessed through KPIs such as response rate and latency.

II. Effective Early Warning System: Establish a practical Early Warning System (EWS) utilizing advanced technologies for precise measurement and Deep Learning for exploit detection. Timely updates aligned with European Union Cyber Security Incident Response Team (EU CSIRT) metrics.

III. Real-time Cyber-Physical Protection: Align Operational Technology (OT) properties with Information Technology (IT) vulnerabilities for grid stability. Achieve high accuracy in vulnerability assessment by correlating cyber threat vectors with OT components.

IV. Data-driven Detection of Exploits: Utilize graph-based data provenance and Deep Learning for detecting known and zero-day exploits. Construct attack vector paths by correlating with Open Source Intelligence (OSINT) and Cyber Threat Intelligence (CTI) feeds. Track accuracy using threat regression profiling metrics.

V. Strengthen Resilience in Grid Stability: Orchestrate threat mitigation through the programmable dataplane in the Cocoon Programmable Node (CPN), employing Deep Reinforcement Learning (DRL) for optimal operation during attacks. Converge network infrastructure under large-scale attacks, examining scenarios and tracking with KPIs.



HOW CAN IT BE MADE REAL?

• Develop a sophisticated Programmable Node, the CPN, to accelerate data processing, forwarding, and control functionalities. This forms the foundation for a bottom-up solution in cyber protection applications.

 Integrate an Early Warning System (EWS) that cooperatively utilizes cyber-physical protection mechanisms and operator training. The system, complemented by CPN functionalities, ensures real-time measurement, monitoring, and DL-based attack diagnosis.

• Employ a measurement-based methodology to map explicit OT properties to IT vulnerabilities. Address challenges arising from the convergence of IT with OT technologies.

 Achieve data-driven detection of known and unknown exploits by synergizing graph-based data provenance and DL-based regression analysis. Ensure a robust cybersecurity posture by correlating with OSINT and CTI feeds.

 Implement practical network and system threat mitigation mechanisms orchestrated by the cross-domain programmable data plane scheme within the CPN. Fortify the resilience of interactions among entities involved in grid stability processes.





2.2 Poster

The COCOON poster is accessible in two variations:

- **Simplified Edition:** Crafted for exhibition at technology-centric events, this rendition showcases the COCOON logo featuring the complete project name, the slogan, and key visuals elucidated in section 2.1 (Leaflet). It also incorporates the logos of all collaborative partners, website URLs, and a QR code facilitating swift access to the project's online platform. Additionally, the exhibit incorporates the project's contact email. This version serves as a convenient and rapid means to present the project, piquing interest. For instance, it can be strategically positioned at the entrance of conference venues to underscore the event's significance.
- Elaborate Edition: Customized for scientific and technological conferences, this iteration furnishes an all-encompassing overview of the project. In alignment with the leaflet's content, it furnishes a synopsis of the project, delineating its objectives, implementation strategies, and the consortium. The detailed poster incorporates graphical elements from the leaflet, illustrating general project information, visualizations of its functioning, and specifics about the project's pioneering technologies. This version is apt for in-depth elucidation, such as at trade fairs.

Both versions are presented in the subsequent pages.





SHIELDING THE POWER GRID FOR TOMORROW



https://www.cyber-cocoon.eu/
info@cyber-cocoon.eu



















This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101120221.



WHAT IS COCOON?

COCOON, standing for Cyber-Physical Security of the Electric Power System with Advanced Vulnerability Analysis and Protection, is a transformative initiative funded under the Horizon 2020 research framework. This groundbreaking project is dedicated to revolutionizing cybersecurity measures within the realm of power systems. Focusing on the convergence of Information Technology (IT) and Operational Technology (OT), COCOON addresses the escalating threats posed to Distributed Renewable Energy Sources (DRES) and Electrical Power and Energy Systems (EPES) Operators.

Driven by a collaborative consortium, COCOON integrates state-of-the-art cybersecurity algorithms, methodologies, and advanced technologies to usher in a new era of resilience against cyber-physical threats in the ever-evolving landscape of the energy sector.

36 MONTHS DURATION (18 SEP 2023 - 17 SEP 2026)

5.852 MILLION EURO BUDGET



NERS

(UCY,AUH,USE,TUD,ING,SEL,ENCS, ENF. CUF. HEDNO. UGLA. IKE)

COCOON is funded by Horizon Europe (HORIZON-CL3-2022-CS-01)

WHAT ARE THE GOALS?

I. Enhanced Information Exchange:

Facilitate secure data processing and enhance real-time information exchange among Energy and Power Systems (EPES) stakeholders. Achievement assessed through KPIs such as response rate and latency.

II. Effective Early Warning System:

Establish a practical Early Warning System (EWS) utilizing advanced technologies for precise measurement and Deep Learning for exploit detection. Timely updates aligned with European Union Cyber Security Incident Response Team (EU CSIRT) metrics.

III. Real-time Cyber-Physical Protection:

Align Operational Technology (OT) properties with Information Technology (IT) vulnerabilities for grid stability. Achieve high accuracy in vulnerability assessment by correlating cyber threat vectors with OT components.

IV. Data-driven Detection of Exploits:

Utilize graph-based data provenance and Deep Learning for detecting known and zero-day exploits. Construct attack vector paths by correlating with Open Source Intelligence (OSINT) and Cyber Threat Intelligence (CTI) feeds. Track accuracy using threat regression profiling metrics.

V. Strengthen Resilience in Grid Stability:

Orchestrate threat mitigation through the programmable dataplane in the Cocoon Programmable Node (CPN), employing Deep Reinforcement Learning (DRL) for optimal operation during attack Converge network infrastructure under large-scale attacks, examining scenarios and tracking with KPIs.

SHIELDING THE POWER GRID FOR TOMORROW





podcasters.spotify.com/pod/

linkedin.com/company/

cocoon-cyber-protection

show/cocoon-cyber-protection

in

HOW CAN IT BE MADE REAL?

 Develop a sophisticated Programmable Node, the CPN, to accelerate data processing, forwarding, and control functionalities. This forms the foundation for a bottom-up solution in cyber protection applications.

 Integrate an Early Warning System (EWS) that cooperatively utilizes cyber-physical protection mechanisms and operator training. The system, complemented by CPN functionalities, ensures real-time measurement, monitoring, and DL-based attack diagnosis.

 Employ a measurement-based methodology to map explicit OT properties to IT vulnerabilities. Address challenges arising from the convergence of IT with OT technologies.

 Achieve data-driven detection of known and unknown exploits by synergizing graph-based data provenance and DL-based regression analysis. Ensure a robust cybersecurity posture by correlating with OSINT and CTI feeds.

 Implement practical network and system threat mitigation mechanisms orchestrated by the cross-domain programmable data plane scheme within the CPN. Fortify the resilience of interactions among entities involved in grid stability processes.

https://www.cyber-cocoon.eu/





COCOON CONSORTIUM



Minfo@cyber-cocoon.eu





2.3 Banner

The COCOON banners are as follows:

- 1. Incorporates a section of the same image seen on the first page of the leaflet, conveying the identical message as described in the leaflet section. It includes the project's full name in the logo. The banner also features a message detailing the COCOON project, including the inception of the solution and how the project addresses its objectives. At the bottom, all partner logos are displayed along with our contact details, website, social media information, and an info email. Additionally, a QR code is provided for quick access to our website.
- 2. Contains, like the previous banner, a segment of the visual representing our vision, along with the complete project logo and a map of Europe showcasing partner locations. Each partner's exact location on the map is marked with a pin and their respective country's flag. At the bottom, similar information is presented, including project contact details, email, website, social media information, and a QR code for expedited website access.



As a key strategy for decarbonization and climate change mitigation, the European Union is leading the decentralization and digitalization of Electrical Power and Energy Systems (EPES), integrating Distributed Renewable Energy Sources (DRES). However, current systems managed by Grid Operators face cybersecurity challenges.

COCOON responds with a cyber-physical solution for converged EPES, focusing on:



Enhanced Information Exchange







(Real-time Cyber-Physical Protection



Data-driven Detection of Exploits



Strengthen Resilience in Grid Stability





FIND MORE INFORMATION



podcasters.spotify.com/pod/ show/cocoon-cyber-protection

linkedin.com/company/ in cocoon-cyber-protection

CONTACT





This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101120221



Cooperative Cyber Protection for Modern Power Grids

1











FIND MORE INFORMATION



podcasters.spotify.com/pod/ show/cocoon-cyber-protection



linkedin.com/company/ cocoon-cyber-protection

This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101120221

CONTACT

info@cyber-cocoon.eu M



3 Press Release

Even though the COCOON project is still in its early stages, we have already published our first newsletter covering the initial three months of the project, along with a couple of LinkedIn posts.

In the newsletter, we announced that the University of Cyprus has officially joined the project and taken on the role of coordinator. We've also introduced our linked hub and provided information about the launch of the COCOON podcast.

On LinkedIn, we have shared some photos from the first kick-off meeting of the project, which was hosted in Thessaloniki, Greece, along with informative details to help new joiners understand the basic information about the project.



It's all happening!

Hello COCOON Community,

We're delighted to bring you some incredible news and milestones from the COCOON project that are shaping the future of our cybersecurity endeavors. Let's dive right in!

UCY Joins as Official Partner and Project Coordinator

We're proud to announce that the University of Cyprus (UCY) has officially become a key partner of the COCOON project, also taking on the crucial role of Project Coordinator. This collaboration strengthens our commitment to excellence and innovation in the realm of cybersecurity. A warm welcome to our friends at UCY!

New LinkedIn Hub for Project Updates

Stay in the loop with the latest COCOON developments by joining our official LinkedIn community! We've created a dedicated space to share insights, progress, and engage with our growing network. Follow us on LinkedIn and be part of the conversation.

Podcast Launch Next Month!

Get ready to tune in! Starting next month, we're thrilled to bring you a brand-new COCOON podcast. Join us as we explore the depths of our project, featuring interviews with experts, discussions on cybersecurity trends, and behind-the-scenes insights into the making of COCOON.

Our first episode will be about understanding the cyber threat spectrum in energy systems and taking a deep dive into the COCOON show. Don't miss out on this! Watch for more details on our website and LinkedIn!

We're truly grateful for the continuous support and enthusiasm from our community. Together, we're forging ahead in enhancing the cybersecurity landscape. Exciting times lie ahead for COCOON, and we're thrilled to have you with us on this journey.

Stay connected, stay secure!

Best regards, The COCOON Project



Picture 1: February 2024 Newsletter





<u>Picture 2:</u> Infographic Spotlighting Project General Information



<u>Picture 3:</u> Infographic Illustrating Project Objectives.



4 Enhancements to Project Website

As mentioned in the previous deliverable, the project website serves as a cornerstone of communication within the COCOON project, acting as a central hub for information dissemination. It requires continuous updates to ensure optimal performance for all users.

As seen in the diagram below, our strategy for the continuous updating of our website consists of two main processes: the Material Collection Process and the Update Process.



Picture 4: Strategy for the continuous updating of our website

In the Material Collection Process, we utilize a content calendar where we maintain a detailed schedule outlining the types of materials needed, the frequency of updates, and the targeted release dates. Additionally, we gather partners feedback regularly, which helps us identify the most relevant topics and prioritize content based on audience preferences.

In the Update Process, we follow a two-step approach. First, all collected materials undergo coordinators' review to ensure quality, accuracy, and alignment with our vision. Second, updates follow a predetermined schedule known as scheduled releases, balancing the need for freshness with the importance of maintaining a consistent online presence.

Using this diagram, we've incorporated several new features into our website aimed at enhancing user experience and functionality. These recent additions contribute to a more dynamic and user-friendly platform.



1. Content protection has been implemented for two exclusive features, available only to project partners. A password bar has been implemented, allowing users to input the passwords. Additionally, a 'Forgot Password' button is provided for users who may forget their passwords. Clicking on this button redirects users to a secure SharePoint, accessible only to officially approved members of the project, with access granted by the SEL. To further enhance security, users must utilize MFA, which was set up at the beginning of the project for each user's initial login.

Home	Contact							NEWSLETTER	GITHUB
			N wer Grids			This project has research and	s received funding from t I innovation programme	he European Union's Horizon Europ under grant agreement No 10112022	e stra 1 stra
номе	PROJECT ~	PEOPLE ~	PUBLICATIONS	PILOTS ~	EVENTS	PRESS ~	FOR PARTNERS	USER GUIDES	Q
		This belo Pass	content is passwo w: sword: NTER	rd protecte	ed. To view	it please e FORG	nter your passwo OT PASSWORD?	rd	

<u>Picture 5:</u> Strengthening Partner Content Protection via Password Authentication.

2. An updated press button. This button now includes a small drop-down menu with two options: 'Newsletter' and 'Subscribe to Newsletter'

The first option, 'Newsletter,' allows users to easily download and peruse our published project newsletters. These newsletters are conveniently organized by the month and year of publication, providing a streamlined way to access valuable information.

The second option, 'Subscribe to Newsletter,' empowers users to stay connected by signing up for our newsletter. This ensures they receive regular updates and insights directly to their inbox.

These enhancements contribute to an even more engaging and user-friendly experience on our website.



	COC	OON tion for Modern Power Grids				This project ha	s received funding from th d innovation programme	ne European Union's Horizo under grant agreement No	In Europe
НОМЕ	PROJECT ~	PEOPLE ~	PUBLICATIONS ~	PILOTS ~	EVENTS	PRESS ~	FOR PARTNERS	USER GUIDES	۹
				тне г	PROJ	Newslet Subscrib	ters pe to newsletter		
					\$				

COCOON's goal is to deliver a practical cyber-physical systems solution for converged EPES by bridging secure networked systems research and innovation with power systems engineering. Via an inter-disciplinary approach COCOON will address requirements of the EU ACER NCCS and the SGAM framework. The outcomes will benefit: (i) energy communities interacting with a DSO, (ii) EU Regional Security Centres (RSC) interacting with multiple TSOs, (iii) DSO substations, and (iv) DRES aggregators interacting with a DSO.

Increase trustworthy information exchange between TSOs, DSOs, aggregators, and DRES deployments

The project will develop the COCOON Programmable Node (CPN) that will adhere to a programmable data plane (PDP) paradigm and thus accelerate data processing, forwarding and control functionalities. This approach will provide a bottom-up practical solution for supporting a range of computationally intensive cyber protection applications to be used by EPES operators in the aforementioned scenarios through the COCOON Toolset.

COCOON is funded by Horizon Europe (HORIZON-CL3-2022-CS-01)



Picture 6: The 'PRESS' Button with Two Options in the Dropdown Menu



View / Download

<u>Picture 7:</u> The 'Newsletters' option



Picture 8: The 'Subscribe to newsletter' Option

3. As we are in the early stages of the project, we haven't confirmed any events yet, although we have updated our event button. It now displays a message encouraging users to stay tuned for upcoming events. Additionally, we recommend following us on LinkedIn to stay informed about project updates. While we currently don't have specific events to promote, this approach allows us to highlight and promote our project through LinkedIn.





4. Enhance the pilot feature by incorporating a drop-down menu containing information for all pilots. When selecting a pilot from the drop-down menu, a window will appear, displaying detailed pilot information, their location, and an accompanying image for better illustration. Additionally, on the existing map where pilot locations are pinned, clicking on a specific pilot will now redirect you to the aforementioned pilot information window.

	COOPERATIVE Cyber Protect					This project ha research an	s received funding from t d innovation programme	he European Union's Horizo under grant agreement No	n Europe 101120221
НОМЕ	PROJECT ~	PEOPLE ~	PUBLICATIONS ~	PILOTS ~	EVENTS	PRESS ~	FOR PARTNERS	USER GUIDES	Q
				Pilot 1: H	alkidiki, Gre	ece			
				Pilot 2: T Greece	hessaloniki				
				Pilot 3: D	elft, Nethe	lands			
COCOC researc	DN's goal is to h and innova	deliver a pr tion with po	actical cyber-phys wer systems engir	Pilot 4: A	ndalusia, S	pain	ied EPES by brid approach COCO	ging secure netwo ON will address req	rked systems juirements of
the EU	ACER NCCS	and the SG	AM framework. Th	e outcome	s will ben	епс. (г) епе	rgy communities	s interacting with a	a DSO, (ii) EU

Regional Security Centres (RSC) interacting with multiple TSOs, (iii) DSO substations, and (iv) DRES aggregators interacting with a DSO.

Increase trustworthy information exchange between TSOs, DSOs, aggregators, and DRES deployments

The project will develop the COCOON Programmable Node (CPN) that will adhere to a programmable data plane (PDP) paradigm and thus accelerate data processing, forwarding and control functionalities. This approach will provide a bottom-up practical solution for supporting a range of computationally intensive cyber protection applications to be used by EPES operators in the aforementioned scenarios through the COCOON Toolset.

COCOON is funded by Horizon Europe (HORIZON-CL3-2022-CS-01)







Picture 11: Demonstration of Pilot 4 Content in the New Window



5. The project button has now been separated into two features: 'Overview' and 'Consortium.' The 'Overview' section includes two sub-features: 'About' and 'Objectives.' In the 'About' section, we provide an explanation of what Cocoon is, while the 'Objectives' section details the project's objectives and implementation strategies.

On the other hand, the 'Consortium' feature comprises the names of the 12 partners. Clicking on any partner's name will redirect you to their official website for more information.

	COC Cooperative Cyber Protect	DON ion for Modern Power Grids			This project has research and	s received funding from tl d innovation programme	he European Union's Horizon under grant agreement No	n Europe 101120221
НОМЕ	PROJECT ~	PEOPLE ~	PUBLICATIONS ~	PILOTS Y EVEN	ITS PRESS ~	FOR PARTNERS	USER GUIDES	Q
	OVERVIEW	cc	ONSORTIUM					
	About	Ur	niversity of Cyprus – C	Coordinator (UCY)				
	Objectives	Ar	istotle University of T	hessaloniki (AUTH)				
COCO(Ur	niversidad de Sevilla ((USE)				rlead cyctopac
researc		De	elft University of Tech	inology (TUD)		proach COCO	DN will address req	uirements of
the EU Pegior		In	gelectus Innovative E	Electrical Solutions (SL (ING)	⁷ communities	interacting with a	DSO, (ii) EU
DSO.		Sc	outheast Electricity N	etwork Coordinatio	n Centre (SEL)		aggregators intere	acting with a
		Eu	uropean Network for (Cyber Security coop	peratief (ENCS)	egators, and	DRES deployment	s
The pro		Er	nexis Personeel B.V.(E	INE)		a programma	ble data plane (PD	
and th		Cu	Jerva Energia (CUE)			approach will	provide a bottom	-up practical
solutio aforem		He	ellenic Distribution N	etwork Operator (H	EDNO)	cations to be	used by EPES ope	erators in the
		18	K Electrical Engineer	ing Systems (IKE)		7 2022 05 01		
		Ur	niversity of Glasgow (*	UGLA)		5-2022-03-01)		

Picture 12: The 'PROJECT' Button with Hover-over Menu Display

6. We have also introduced a contact form accessible by clicking on the contact button in the upper left corner. Upon activation, a window with a user-friendly contact form opens. This form includes fields for users to input their messages, along with necessary information for sender identification. To enhance security and prevent spam, a protection mechanism is in place, requiring users to pass a verification process before submitting the form. The emails sent through this form are directed to the project's info email, ensuring prompt and secure communication.

Home Contact NEWSLETTER CETHUL Vour name Contact Newsletter Contact Cethul Your name Via an inter-disciplinary approach CocoON will address requirements of CocoON will address requirements of
Your name Via an inter-disciplinary approach COCON will address requirements of the SUM
HOME PROJECT Y PEOPLE Y PUBLICATIONS Y PILOTS Y EVENTS PRESS Y FOR PARTNERS USER GUIDES C CONTACT US Your name Via an inter-disciplinary approach COCOON will address requirements of the FULACED NGCE and the SCAM
Your name Via an inter-disciplinary approach COCON will address requirements of the FULACED NGCC and the SCAM
Your name Via an inter-disciplinary approach COCOON will address requirements of the FULACED NGCC and the SCAM
Your name Via an inter-disciplinary approach COCOON will address requirements of the FUL ACED NEED NEED and the SCAM
Your name Via an inter-disciplinary approach COCOON will address requirements of
Your email framework.
Grant agreement No 101120221
Your message
Type the missing letters from the word: **ber-cocoon
SUBMIT

<u>Picture 13:</u> The Form in the Context Section

5 Conclusion

In conclusion, this deliverable highlight significant progress in developing COCOON's project dissemination materials, with a focus on establishing a cohesive corporate identity. The project's promotional materials, comprising a detailed leaflet and two poster versions, aim to effectively convey the vision of "Shielding the power grid for tomorrow" to diverse audiences. Additionally, the strategic dissemination plan, encompassing press releases, newsletters, and social media engagement, demonstrates a commitment to keeping stakeholders informed about COCOON's developments. The deliverable underscores the importance of continuous updates, outlines involved processes, and showcases recent enhancements to the website. Notably, measures such as content protection and the upgrade of the main buttons' menu contribute to maintaining a robust online presence and facilitating secure communication.

Overall, as the COCOON project progresses, the deliverable suggests a proactive approach to sustaining an effective communication strategy. By anticipating the need for updated dissemination materials and continuously enhancing the website, the project aims to successfully communicate its vision and achievements to a broad and varied audience. Anticipated updates to dissemination materials and the website will reflect ongoing developments and results as the project advances.