

## Public Event Report (NOA)

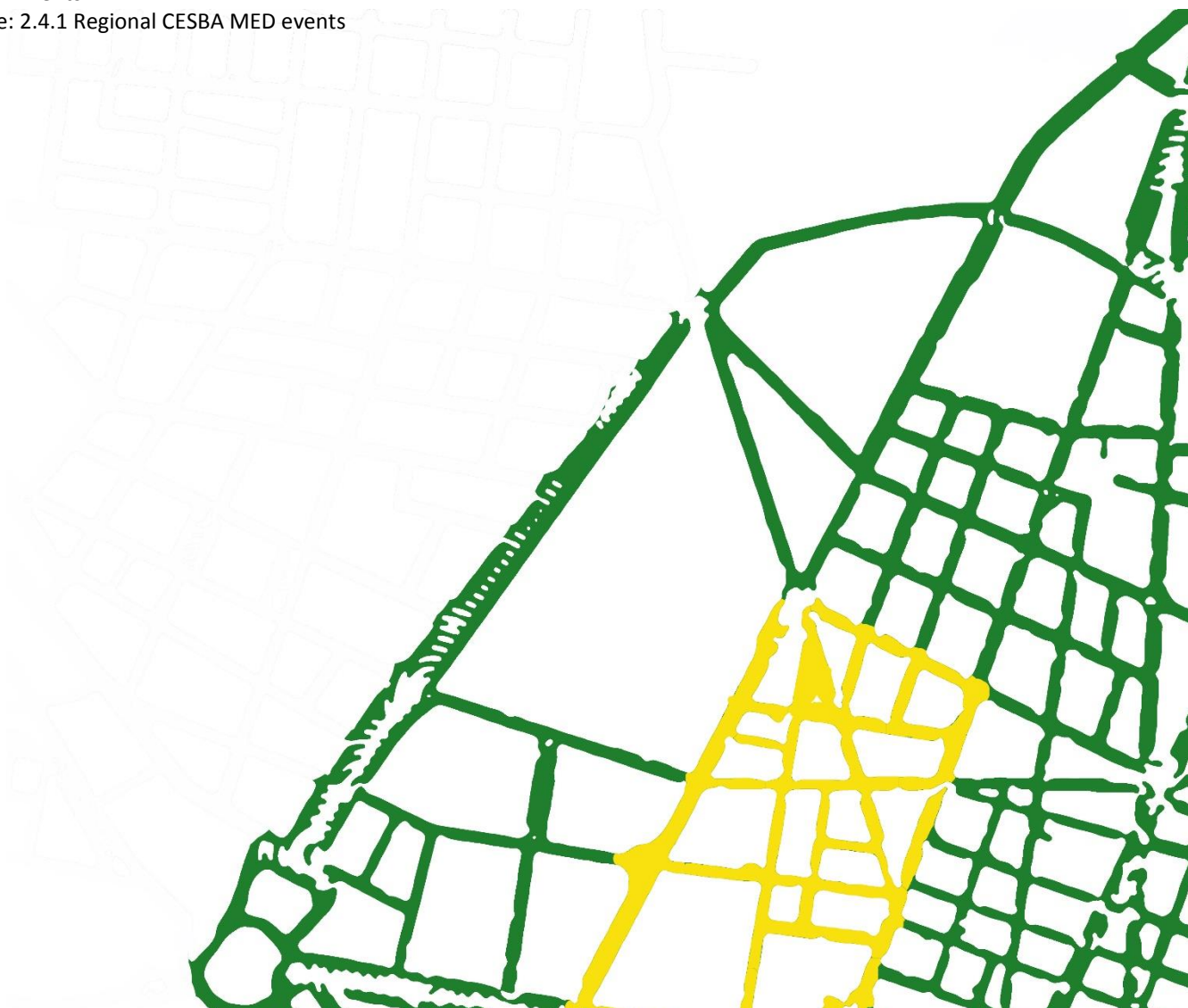
September 26, 2019

Program priority: 2.1 - To raise capacity for better management of energy in public buildings at transnational level

Work package: 2 – Project Communication

Activity: 2.4 Events

Deliverable: 2.4.1 Regional CESBA MED events







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## 1. General goal of the event

The public event in Athens, Greece was organized by NOA (PP 08) on September 26, 2019 during a major conference of the ASHRAE Hellenic Chapter on 26-28 September 2019 and the Energy in Buildings 2019 conference. The main goal was to present a comprehensive overview of the work performed during the project, promote the final deliverables and summarize the main results and achievements.

CONFERENCE SCHEDULE

 		REGION XIV – CRC2019			 	
ENERGY in BUILDINGS / ENERGY in TRANSPORTATION						
Thursday September 26, 2019						
	ATHINA Level: 1 <sup>st</sup> floor	FOYER Level: 1 <sup>st</sup> floor	HERA 1 Level: 1 <sup>st</sup> floor	HERA 2 Level: 1 <sup>st</sup> floor	ZEUS – 1 Level: Basement	ZEUS – 2 Level: Basement
14:00	16:00		<b>CRC TRAINING</b> <b>CESBA MED SUSTAINABLE MED CITIES</b> Dr. Costas Balaras <i>Mechanical Engineer, FASHRAE, Research Director, Group Energy Conservation, Institute for Environmental Research &amp; Sustainable Development, National Observatory of Athens</i> --- Popi Droutsas, M.Sc. <i>Research Assistant, Group Energy Conservation, Institute for Environmental Research &amp; Sustainable Development, National Observatory of Athens</i>			
16:00	16:30	Coffee Break				
16:30	18:00		<b>CRC TRAINING</b> <b>CESBA MED SUSTAINABLE MED CITIES</b> Continued			

The event was targeted to Greek participants and all the presentations were in local language. However, CESBA MED gained exposure to other conference participants that received flyers with links to the project web page and available information in English, since the overall concept of the project generated interest amongst others, e.g. participants from the UK and USA.

## 2. Goal of the event for participating organization

The presentations made by NOA focused on the nationally contextualized CESBA MED tools and their use, providing hands on experience to the participants on the navigation, and how to adapt the tools to local sustainability needs and priorities. The goal was to advance the knowledge base of the attendees and to familiarize them with the applications, the calculations of the KPIs, the scenario assessment, and the various supporting material. The anticipation was to position the participants at a level that they have a good understanding of the overall approach and how to use the tools and the available material in order to ease their work and efforts towards sustainable development.

The program focused on the nationally adapted material. However, it was structured in such a way as to illustrate the overall development approach for the CESBA MED framework, emphasize the practical aspects of the work, and promote the main deliverables of the project, in order to trigger potential exploitation. Special emphasis was also given on the recommendations included in the Policy Paper that is one of the latest deliverables, focusing on examples and good practices.

### 3. Target groups

The event was targeted to potential users and interested parties from different disciplines. As it was done in previous CESBA MED events organized in Greece, all the Hellenic CLC members were invited, along with engineers, energy consultants, energy service companies, representatives from municipalities, and faculty from various universities.

The attendees were invited to bring their PCs in order to have hands on experience with the use of the CESBA MED tools, the navigation and the steps to select indicators, adapt priorities and weighting factors, perform calculations, assess different scenarios, etc. They also had the opportunity to connect to the online CESBA MED training framework, explore the eLearning platform and educational modules.

### 4. Partners involved

The event was organized by NOA (PP 08) and included two NOA staff members:

- Dr Balaras C.A., handled the first part of the presentations that included an overview of the CESBA MED development process, LEVEL(s), the main results from the seven pilots, the main CESBA MED deliverables, the Policy Paper with the eight recommendations, focusing on the examples.
- Ms Droutsa K., presented the online eLearning platform (structure of educational material, training system and modules), the demonstration of how to use the tools (navigation, step by step examples, selection of indicators, adapt sustainability priorities and weighting factors, etc), the calculations of the KPIs (examples, the Hellenic pilot in the Municipality of Fylis, data collection and available resources, overcoming missing information, scenario assessments, and analysis of results).

### 5. Agenda of the event

The four hour event was structured with distinct sessions on general background information on the CESBA MED process and its main achievements, and then focusing on specific themes related to the training system, the tools with applications, calculations of the KPIs and analysis of results. All the attendees received the tools in advance in order to install them on their PCs and use them during the event.

Ανοικτή Εκδήλωση  
CESBA MED  
Σύστημα Αξιολόγησης & Εργαλεία  
για Βιώσιμες Μεσογειακές Πόλεις  
Ξενοδοχείο Wyndham, Αθήνα 26 Σεπτεμβρίου, 2019

Interreg  
Mediterranean  
CESBA MED  
Έργο συγχρηματοδοτούμενο από το  
Ευρωπαϊκό Ταμείο Περιφερειακής Ανάπτυξης

## Πρόγραμμα

**14:00-15:15 Σύστημα Αξιολόγησης & Εργαλεία για Βιώσιμες Μεσογειακές Πόλεις**  
Δείκτες & Μέθοδοι αξιολόγησης των επιδόσεων της αειφορίας, Διαδικασία ανάπτυξης του υλικού, Σύστημα Αξιολόγησης & Εργαλεία, Σύστημα Κατάρτισης, Πιλοτικές Εφαρμογές, Εμπειρίες & Συμπεράσματα, Διαβατήριο CESBA MED, Διαδικασία Λήψης Αποφάσεων, Έγγραφο Πολιτικής, Συστάσεις για την προώθηση μιας νέας κουλτούρας στο αστικό περιβάλλον

**15:15-15:30 Σύστημα Κατάρτισης**  
Εκπαιδευτικό Υλικό & Ηλεκτρονική πλατφόρμα εκμάθησης, Περιγραφή - Πλοήγηση, Βήματα Μαθημάτων, «Πιστοποίηση ικανοτήτων», Ανασκόπηση περιεχομένων (Δομή εκπαιδευτικού υλικού)

**15:30-16:00 Εργαλεία - Εφαρμογή**  
Παρουσίαση δομής των εργαλείων & Πλοήγηση - Βήματα - Αποτελέσματα, Παραδείγματα προσαρμογής εργαλείων στις τοπικές ιδιαιτερότητες & προτεραιότητες

16:00-16:30 Διάλειμμα

**16:30-18:00 Υπολογισμός Βασικών Δεικτών Επίδοσης**  
Παραδείγματα, Πιλοτική εφαρμογή στο Δήμο Φυλής, Χρήση Ελληνικού εργαλείου για την κλίμακα γειτονιάς (SNTool) και το απλοποιημένο εργαλείο για την κλίμακα κτιρίου (SBTool), Συλλογή πληροφοριών, Αντιμετώπιση προβλημάτων διαθεσιμότητας δεδομένων, Σενάρια, Αποτελέσματα

Ομάδα Εξοικονόμησης Ενέργειας, Ινστιτούτο Ερευνών Περιβάλλοντος & Βιώσιμης Ανάπτυξης  
Εθνικό Αστεροσκοπείο Αθηνών



## Εκδήλωση

### CESBA MED

Βιώσιμες Μεσογειακές Πόλεις

Αθήνα 26 Σεπτεμβρίου 2019

14:00 – 18:00

Interreg  
Mediterranean  
CESBA MED  
Έργο συγχρηματοδοτούμενο από το Ευρωπαϊκό  
Ταμείο Περιφερειακής Ανάπτυξης



Η Ομάδα Εξοικονόμησης Ενέργειας του Εθνικού Αστεροσκοπείου Αθηνών διοργανώνει μια ανοικτή εκδήλωση για τις Βιώσιμες Μεσογειακές Πόλεις την **Πέμπτη 26 Σεπτεμβρίου (14:00-18:00)** στο **Ξενοδοχείο Wyndham Grand Athens, Μεγ. Αλεξάνδρου 2, Αθήνα**.

Η εκδήλωση οργανώνεται με αφορμή την επικείμενη ολοκλήρωση του έργου «CESBA MED Sustainable MED Cities» που υλοποιείται στα πλαίσια του Ευρωπαϊκού προγράμματος Interreg MED, Ευρωπαϊκής Εδαφικής Συνεργασίας.

Στην εκδήλωση θα παρουσιαστεί η φιλοσοφία του Έργου, το εργαλείο που έχει αναπτυχθεί και η προσαρμογή του στις τοπικές ιδιαιτερότητες. Επίσης, θα παρουσιαστούν οι πιλοτικές εφαρμογές σε Ελλάδα, Γαλλία, Ισπανία, Ιταλία, Κροατία και Μάλτα, το Διαβατήριο MED και το ελληνικό εκπαιδευτικό υλικό. Τέλος θα γίνει σύντομη εκπαίδευση στον υπολογισμό των βασικών δεικτών επίδοσης. Στους συμμετέχοντες θα διατεθεί το ελληνικό εργαλείο για την κλίμακα γειτονιάς (SNTool) και το απλοποιημένο εργαλείο για την κλίμακα κτιρίου (SBTool).

Δεν υπάρχει κόστος συμμετοχής, αλλά απαιτείται **ΕΠΙΤΡΑΦΗ**.

Λόγω περιορισμένου αριθμού συμμετεχόντων, θα τηρηθεί σειρά προτεραιότητας.  
Πληροφορίες: Πόπη Δρούτσα, τηλ.: 2108109144, e-mail: [pdroutsa@noa.gr](mailto:pdroutsa@noa.gr)

Θα σας αποσταλλεί με email η επιβεβαίωση για την εγγραφή σας.  
Στους συμμετέχοντες μπορεί να διατεθεί βεβαίωση συμμετοχής, αν ζητηθεί.



ΕΘΝΙΚΟ ΑΣΤΕΡΟΣΚΟΠΕΙΟ ΑΘΗΝΩΝ - Ινστιτούτο Ερευνών Περιβάλλοντος & Βιώσιμης Ανάπτυξης







**D. Konstantinos A. Balasas**  
 Mechanical Engineer,  
 FORTH/ICE, Research Director,  
 Group Energy Conservation,  
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**Foti Droukas**  
 Research Assistant, Group  
 Energy Conservation, Institute  
 for Environmental Research &  
 Sustainable Development,  
 National Observatory of Athens

**CESBA MED (part1/2) Sustainable MED Cities**  
 Presentation of an open and harmonized sustainability assessment system for the built environment. Learn how to adapt the method and the tools to meet your local conditions and priorities, and use them for planning, implementing and monitoring sustainability measures. The event will present the applications in Croatia, France, Greece, Italy, Malta and Spain and focus on the Hellenic pilot, review the sustainability passports, demonstrate how to calculate the key performance indicators using numerical examples and the available e-Training material in Greek, and assess different scenarios. Participants will get a copy of the Hellenic version of the sustainable neighborhood tool and the simplified building tool. You may bring your own PC to use during the demonstration of the CESBA MED tool. Participants will receive a certificate of attendance. The event will be in Greek.  
 CESBA MED (<https://cesbamediterranean.eu>) is part of the Interreg Mediterranean programme and co-financed by the European Regional Development Fund (ERDF).

**CESBA MED Sustainable MED Cities**  
 Presentation of an open and harmonized sustainability assessment system for the built environment. Learn how to adapt the method and the tools to meet your local conditions and priorities, and use them for planning, implementing and monitoring sustainability measures. The event will present the applications in Croatia, France, Greece, Italy, Malta and Spain and focus on the Hellenic pilot, review the sustainability passports, demonstrate how to calculate the key performance indicators using numerical examples and the available e-Training material in Greek, and assess different scenarios. Participants will get a copy of the Hellenic version of the sustainable neighborhood tool and the simplified building tool. You may bring your own PC to use during the demonstration of the CESBA MED tool. Participants will receive a certificate of attendance. The event will be in Greek.  
 CESBA MED (<https://cesbamediterranean.eu>) is part of the Interreg Mediterranean programme and co-financed by the European Regional Development Fund (ERDF).



## 6. Content of the presentations

The presentations made during the different sessions of the event are outlined next. All the presentations are available at [https://www.energycon.org/PRESENTATIONS\\_CESBAMED\\_SEPT26.rar](https://www.energycon.org/PRESENTATIONS_CESBAMED_SEPT26.rar)

### ➤ Assessment System & Tools for Sustainable Mediterranean Cities

Indicators and sustainability assessment methods, CESBA MED development process (what and how), Multicriteria assessment system and tools, Training system, Pilot applications, Experiences and main outcomes, CESBA MED Passports, Decision making process, Policy paper and the eight CESBA MED recommendations with examples of good practices.

### ➤ Training System

Online overview and access to the CESBA MED educational/training material in Greek and the eLearning platform; Description of the contents and structure of the available material; Online navigation; Steps for organizing in-house courses and continuous education; certification for the body of knowledge

### ➤ Tools-Application

Understanding the structure of the tools and navigation, step by step online demonstration, results, examples of how to adapt the tools to local needs and priorities of a project.

### ➤ Calculation of KPIs

Examples, Hellenic pilot study at the Municipality of Fylis, Use of the Hellenic tool for the neighborhood scale (SNTTool) and the simplified tool for the building scale (SBTool), Data collection and how to bridge the gap for missing or insufficient information, Scenario analysis and results.

## 7. Résumé

CESBA MED continues to receive very positive comments on the amount and quality of the work. Most of the participants have not attended any previous CESBA MED events in Greece and based on their feedback and discussions, the content of the presentations allowed them to gain a very good understanding of the process and deliverables. Those that had previously been exposed to the work, were very satisfied with the in depth presentation of the tools, KPI calculations and available eLearning platform. Overall, the participants recognized the support and straight forward evidence that CESBA MED provides to help the decision making process in order to initiate, organize, adapt, evaluate and identify the best sustainable renovation strategies for buildings and urban areas, and monitor progress towards achieving sustainability targets.

Beyond the Hellenic participants, the event attracted the interest from other international conference participants, thus providing an opportunity to disseminate information on CESBA MED beyond the national boundaries. One drawback of the event was the relative low attendance, given that the event was set up and organized for 35 plus registered participants that apparently did not manage to reach the city center due to the unforeseen event of the general national strike that was announced a few days before the event.

## 8. Pictures



## 9. Participants

The total registrations to the event exceeded 35 people, but finally attendance reached 14 people plus the 2 NOA staff (see sign in sheets below). The low attendance was in part attributed to the general strike that included public transportation services on September 26<sup>th</sup>.



Εκδήλωση  
**CESBA MED**  
 Βιώσιμες Μεσογειακές Πόλεις  
 Αθήνα 26 Σεπτεμβρίου 2019  
 14:00 – 18:00

### Συμμετέχοντες

ΕΠΙΘΕΤΟ	ΟΝΟΜΑ	ΟΡΓΑΝΙΣΜΟΣ / ΕΤΑΙΡΕΙΑ	ΥΠΟΓΡΑΦΗ
ΜΠΑΛΑΡΑΣ	ΚΩΣΤΑΣ	ΕΛΑ	
ΔΡΟΥΤΣΑ	ΠΟΠΗ	ΕΛΑ	
ΑΠΟΣΤΟΛΟΠΟΥΛΟΣ	ΒΑΣΙΛΕΙΟΣ	ΕΜΠ	
ΒΑΡΒΟΥΝΗ	ΠΑΝΑΓΙΩΤΑ	ΤΕΕ	
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ΚΑΛΗΣΠΕΡΗΣ	ΣΤΕΦΑΝΟΣ	Α.Α.Δ.Ε	
ΚΑΛΛΑΝΤΖΗΣ	ΘΟΥΚΥΔΙΔΗΣ	GREENARCH	
ΚΟΛΛΙΑΣ	ΔΗΜΗΤΡΗΣ	GREENESCO	



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ΕΠΙΘΕΤΟ	ΟΝΟΜΑ	ΟΡΓΑΝΙΣΜΟΣ / ΕΤΑΙΡΕΙΑ	ΥΠΟΓΡΑΦΗ
ΚΟΡΩΝΗ	ΑΙΚΑΤΕΡΙΝΗ	ΔΗΜΟΣ ΑΜΑΡΟΥΣΙΟΥ	
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ΜΑΛΤΕΖΟΣ	ΓΡΗΓΟΡΙΣ	ΔΕΗ	
ΜΑΡΗΣ	ΔΗΜΗΤΡΙΟΣ	ΜΙΣΘΟΤΟΣ ΥΠΑΛΛΗΛΟΣ	
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ΜΠΑΒΕΛΗΣ	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΔΕΗ	
ΜΠΕΤΣΗ	ΝΑΝΑ	ΕΡΤ	
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ΠΙΤΣΙΑΝΗΣ	ΘΕΟΧΑΡΗΣ	ENVIROMETRICS LTD	
ΠΟΛΙΤΗ	ΜΑΡΙΑ	GREENARCH	
ΣΑΡΑΝΤΑΡΗ	ΜΑΙΡΗ	ΤΜΗΜΑ ΑΣΤΙΚΗΣ ΑΝΘΕΚΤΙΚΟΤΗΤΑΣ ΚΑΙ ΒΙΩΣΙΜΟΤΗΤΑΣ, ΔΗΜΟΥ ΑΘΗΝΑΙΩΝ	
ΣΙΣΚΟΣ	ΑΠΟΣΤΟΛΟΣ	ENVIROMETRICS LTD	
ΣΤΕΦΑΝΑΚΗΣ	ΝΙΚΟΣ	OPUNTECH	
ΤΙΓΚΑΣ	ΓΙΑΝΝΗΣ	ΤΕΧΝΙΚΟΣ ΣΥΜΒΟΥΛΟΣ	
ΤΡΙΑΝΤΑΦΥΛΛΗΣ	ΓΕΩΡΓΙΟΣ	FV	



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ΕΠΙΘΕΤΟ	ΟΝΟΜΑ	ΟΡΓΑΝΙΣΜΟΣ / ΕΤΑΙΡΕΙΑ	ΥΠΟΓΡΑΦΗ
ΧΑΛΑΖΙΑΣ	ΧΡΗΣΤΟΣ	COSMOTE	
ΨΩΜΟΠΟΥΛΟΣ	ΚΩΝΣΤΑΝΤΙΝΟΣ	ΠΑΔΑ	
ΑΝΤΩΝΙΟΥ	ΗΡΟ-ΜΑΡΙΑ	ΑΝΕΜΟΣ ΑΝΑΝΕΩΣΗΣ	
ΠΑΠΑΔΟΠΟΥΛΟΣ	ΑΝΤΩΝΗΣ	ΑΝΕΜΟΣ ΑΝΑΝΕΩΣΗΣ	
ΡΙΖΑΛΙΣΒΙΛΙ	ΖΑΧΑΡΟΚΛΑ	ΑΝΕΜΟΣ ΑΝΑΝΕΩΣΗΣ	
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ΔΙΜΗΤΡΟΠΟΥΛΟΥ	SANJ	Public Health England	

## 10. Costs for participants

There was no cost to the attendees. The related costs for the hotel room rental, audiovisual facilities and coffee break were covered under the project budget.

## 11. References

All the presentations are available at

[https://www.energycon.org/PRESENTATIONS\\_CESBAMED\\_SEPT26.rar](https://www.energycon.org/PRESENTATIONS_CESBAMED_SEPT26.rar)