



## Ancillary services in aCTIVE distribution networks bAsed on moniToring and control tEchniques

Project: **ACTIVATE**  
Deliverable Number: **D6.4**  
Deliverable Name: **Closing event. International workshop**

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## Document History

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| 1.0     | 22/05/2023 | Eleftherios Kontis     | 1 <sup>st</sup> draft |
| 2.0     | 23/05/2023 | Theofilos Papadopoulos | Final                 |

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## Table of contents

|   |          |
|---|----------|
| <b>1. EXECUTIVE SUMMARY .....</b>                     | <b>4</b> |
| <b>2. CLOSING EVENT. INTERNATIONAL WORKSHOP .....</b> | <b>5</b> |
| 2.1. Photos.....                                      | 5        |
| 2.2. List of participants .....                       | 8        |
| 2.3. Dissemination material.....                      | 8        |

## 1. Executive summary

Deliverable **D6.4 entitled “Closing event. International workshop”** includes material from the closing event of the project – international workshop that was organized on 19/05/2023 in the building of the Department of Electrical & Computer Engineering in Democritus University of Thrace. In the workshop members of the research group from Democritus University of Thrace (DUTH) and Aristotle University of Thessaloniki presented the results of the project. Moreover, an invited speaker, Prof. Emrulah Fatih Yetkin from Kardir Has University, Istanbul Turkey gave a talk on topics relevant to ACTIVATE. In the workshop students from DUTH and guest academics from Klaipėdos valstybinė kolegija / Higher Education Institution (KVK) were also attended.

In particular this deliverable includes:

- Photos from the workshop
- List of participants
- Dissemination material

## 2. Closing event. International workshop

### 2.1. Photos

In Figs. 1 – 5, photos from the workshop presentations are shown.



*Figure 1. Presentation by Theofilos Papadopoulos.*

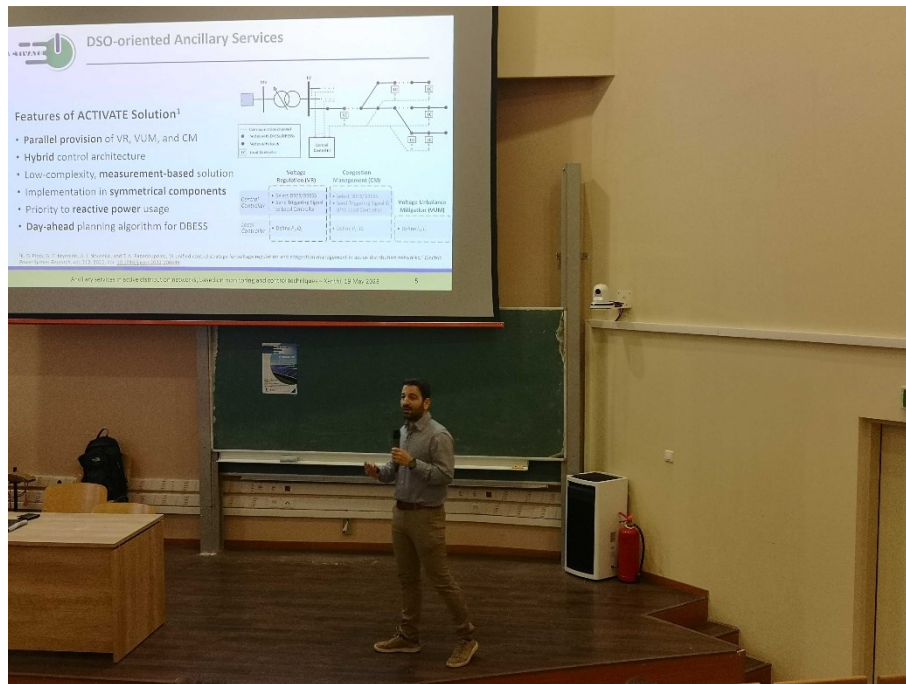
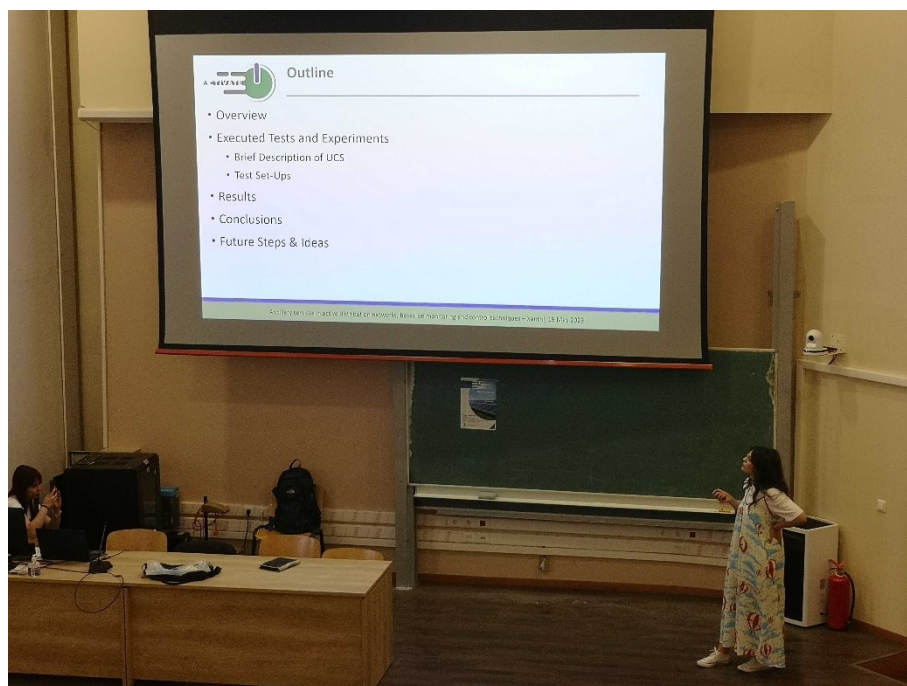


Figure 2. Presentation by Georgios Kryonidis.



Figure 3. Presentation by Eleftherios Kontis.





*Figure 4. Presentation by Kalliopi Pippi.*



*Figure 5. All presenters.*

## 2.2. List of participants

The list of participants is presented in Figs. 6 – 8.

*Figure 6. List of participants (1).*

*Figure 7. List of participants (2).*

*Figure 8. List of participants (3).*

## 2.3. Dissemination material

Dissemination material included (i) Agenda (Figs. 9 - 10), (ii) poster (Fig. 11) and (iii) trifold (Fig. 12 - 13).





**ACTIVATE**  
Ancillary services  
in active distribution  
networks, based on  
monitoring and  
control techniques

# WORKSHOP

Ancillary services in  
active distribution networks,  
based on monitoring  
and control techniques  
(ACTIVATE)

**Friday 19 May 2023**  
**@09:00**  
Amphitheatre A3, Building A  
Department of Electrical & Computer Engineering  
DUTH / Kimmeria Campus, Xanthi

<https://activate.ee.duth.gr/>  
<https://www.facebook.com/people/ACTIVATE/100063718981801/>  
<https://www.linkedin.com/company/activate-research-project/>

Figure 9. Work shop agenda (1).



## PROGRAMME

|             |  |
|-------------|--|
| 09.00-09.30 | <b>REGISTRATION</b>  |
| 09.30-09.45 | Opening Welcome  |
| 09.45-10.30 | <b>ACTIVATE - outline</b><br>Assoc. Prof. T. Papadopoulos ( <i>Democritus University of Thrace</i> )   |
| 10.30-11.00 | Ancillary services solutions for DSOs and TSOs,<br>Dr. G. Kryonidis ( <i>Aristotle University of Thessaloniki</i> )<br>Dr. A. Nousedilis ( <i>Aristotle University of Thessaloniki</i> )     |
| 11.00-11.30 | <b>COFFEE BREAK</b>  |
| 11.30-12.00 | Real-time network monitoring and operating techniques<br>Dr. E. Kontis ( <i>Aristotle University of Thessaloniki</i> )<br>Dr. G. Barzegkar-Ntovom ( <i>Democritus University of Thrace</i> ) |
| 12.00-12.30 | Development of the converter<br>A. Boubaris ( <i>Democritus University of Thrace</i> )   |
| 12.30-13.00 | ProMiSe<br>K. Pippi ( <i>Democritus University of Thrace</i> )   |
| 13.00-13.30 | <b>COFFEE BREAK</b>  |
| 13.30-14.00 | Subspace based change point detection algorithm<br>for highly nonlinear time series data<br>Assist. Prof. E.F. Yetkin ( <i>Kadir Has University</i> )  |
| 14.00-14.30 | Energy storage in modern power grids<br>Prof. G. Papagiannis ( <i>Aristotle University of Thessaloniki</i> )   |
| 14.30-15.00 | Open Discussion  |
| 15.00-16.00 | Lab Demonstration  |
| 16:00       | <b>LUNCH</b>   |

### PROJECT PARTNERS



Figure 10. Work shop agenda (2).



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Figure 11. Work shop poster.





Figure 12. Workshop trifold (1).

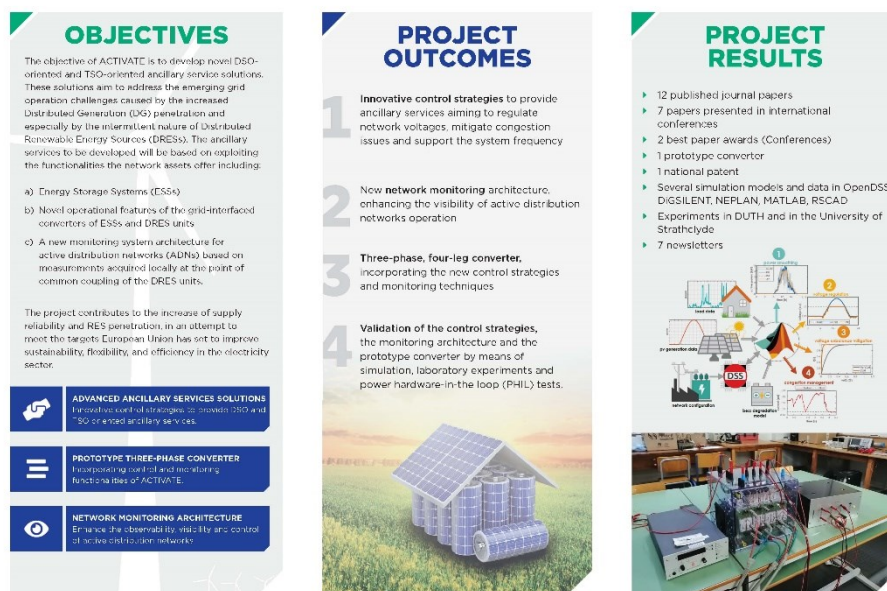


Figure 13. Workshop trifold (2).