

# Workshops

The European research projects  
FutureEnergy and HV-com<sup>2</sup>

**EMPIR**



**EURAMET**



**HV-com<sup>2</sup>**

The EMPIR initiative is co-funded by the European Union's Horizon 2020 research and innovation programme and the EMPIR Participating States

Dear stakeholders and interested parties,

We are pleased to welcome you to our workshop. The European research projects FutureEnergy and HV-com<sup>2</sup> are coming to an end and we would like to present the results to you.



In a free three-day workshop, we would like to show you the achievements and measuring equipment not only theoretically, but also practically. In addition to the technical presentations and posters, there will also be discussion rounds and laboratory tours. Together we can recap on the day at an evening event.

To participate in the workshop, please register via one of the following links by the end of January.

# AGENDA

EMPIR 19ENG02 FutureEnergy, EMPIR 19NRM07 HVcom<sup>2</sup>  
Stakeholder Workshop  
25<sup>th</sup> April 2023–27<sup>th</sup> April 2023, PTB Braunschweig

|                         |                     |             |  |
|-------------------------|---------------------|-------------|--|
| Tuesday<br>25.04.2023   | HV-com <sup>2</sup> | 09:00–09:30 | Welcome and Overview                                       |
|                         |                     | 09:30–10:15 | WP1–Definitions, software and instrumentation              |
|                         |                     | 10:15–10:45 | Coffee Break and Poster Session                            |
|                         |                     | 10:45–11:30 | WP2–Traceable reference systems                            |
|                         |                     | 11:30–12:00 | Coffee Break and Poster Session                            |
|                         |                     | 12:00–13:00 | Lunch  |
|                         |                     | 13:00–13:45 | WP3–Existing measuring systems at testing laboratories     |
|                         |                     | 13:45–14:15 | Coffee Break and Poster Session                            |
|                         |                     | 14:15–15:00 | WP4–Impact, discussion, further needs, AOB                 |
|                         |                     | 18:00–21:00 | Dinner   |
| Wednesday<br>26.04.2023 | FutureEnergy        | 09:00–09:30 | Welcome and Overview                                       |
|                         |                     | 09:30–10:15 | WP1–UHVDC calibration and testing                          |
|                         |                     | 10:15–10:45 | Coffee Break and Poster Session                            |
|                         |                     | 10:45–11:30 | WP2–Lightning impulse voltage calibrations for UHV testing |
|                         |                     | 11:30–12:00 | Coffee Break and Poster Session                            |
|                         |                     | 12:00–13:00 | Lunch  |
|                         |                     | 13:00–13:45 | WP3–Voltage dependence at HVAC                             |
|                         |                     | 13:45–14:15 | Coffee Break and Poster Session                            |
|                         |                     | 14:15–15:00 | WP4–HVDC grid condition monitoring                         |
|                         |                     | 15:00–15:30 | Coffee Break and Poster Session                            |
|                         |                     | 15:30–17:00 | WP5–Impact, discussion, further needs, AOB                 |
|                         |                     | 19:00–21:00 | Dinner   |
| Thursday<br>27.04.2023  | Laboratory<br>Tours | 09:00–12:00 | HV-lab–HVDC Dividers and Composite Setup                   |
|                         |                     |             | HVDC-lab–Traceability Measurement                          |
|                         |                     |             | HVAC lab–HV Capacitor Linearity Setup                      |
|                         |                     |             | Other PTB-Lab-Tours  |
| 12:00–13:00             | Lunch optional      |             |  |

 FutureEnergy 



*Links for  
registration*

 HVcom<sup>2</sup> 

