



Enabling **S**cience and **T**echnology through **E**uropean **E**lectron **M**icroscopy



ESTEEM3 has received funding from the European Union's **Horizon 2020** research and innovation programme under grant agreement No 823717.





ESTEEM3



- coordinated by the **Max Planck Institute for Solid State Research (Prof. Dr. Peter von Aken)**
- January **2019** to December **2022**
M17 of the project
- follow-on-project of ESTEEM and ESTEEM2
with a focus on TA



ESTEEM3 has received funding from the European Union's **Horizon 2020** research and innovation programme under grant agreement No 823717.





ESTEEM3 is an integrated infrastructure network of **European Electron Microscopy Facilities** providing **Transnational Access (TA)** for the academic and industrial research community in materials, physical, chemical and life sciences to the most powerful electron microscopy instrumentation and techniques available at the nanoscale.



The **consortium** includes a total of **20 project beneficiaries**:

Beneficiary	City and country
1. Max Planck Institute MPG (Coordinator)	Stuttgart, Germany
2. Research Institute Jülich JUELICH	Jülich, Germany
3. French National Centre for Scientific Research CNRS	Paris, France
4. University of Antwerp UANTWERP	Antwerp, Belgium
5. University of Oxford UOXF	Oxford, United Kingdom
6. University of Cambridge UCAM	Cambridge, United Kingdom
7. Jozef Stefan Institute JSI	Ljubljana, Slovenia
8. Graz University of Technology TUGraz	Graz, Austria
9. University of Zaragoza UNIZAR	Zaragoza, Spain
10. University of Cadiz UCA	Cadiz, Spain



The **consortium** includes a total of **20 project beneficiaries**:

Beneficiary	City and country
11. University of Krakow AGH-UST	Krakow, Poland
12. Chalmers University of Technology CHALMERS	Gothenburg, Sweden
13. Norwegian University of Science and Technology NTNU	Trondheim, Norway
14. National Research Centre CAT	Rome, Italy
15. Attolight SA ATTO	Lausanne, Switzerland
16. Corrected Electron Optical Systems CEOS	Heidelberg, Germany
17. DENStolutions BV DENS	Delft, Netherlands
18. NanoMEGAS SPRL NM	Brussels, Belgium
19. Quantum Detectors Limited QD	Harwell, United Kingdom
20. Euronovia	Paris, France



esteem3

WP12: TA
Transnational Access



The Transnational Access



- The Transnational Access is provided to **selected user groups**, which are teams of one or more researchers led by a **group leader**.
- The user groups must request access by **submitting a proposal**, which will be evaluated by the **TAPEC**, the official **Transnational Access Project Evaluation Committee**.



The Transnational Access



20 units of access are available per TA project

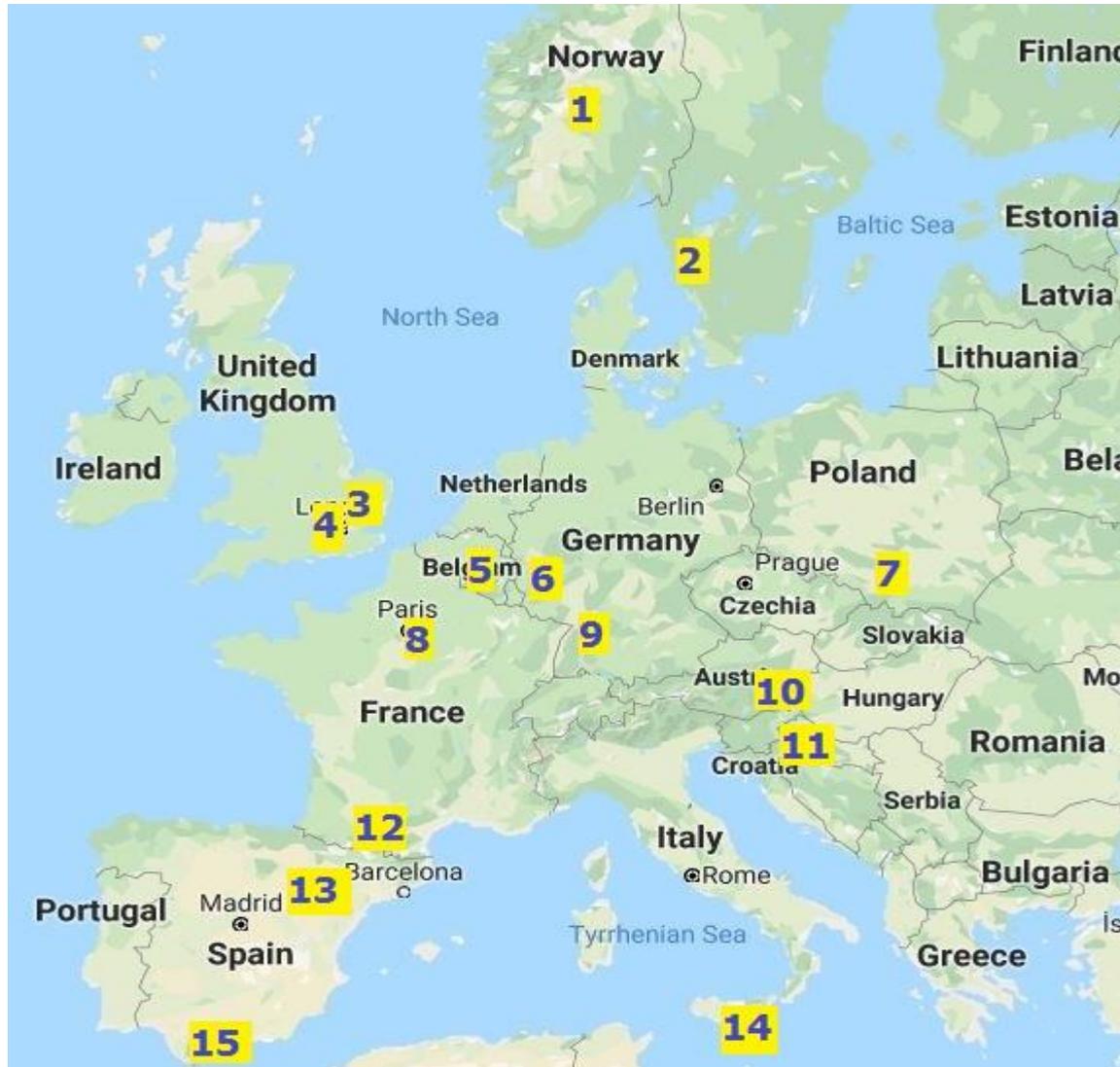
Sample preparation

TEM

Data analysis



The 15 laboratories in Europe



1. Gemini Trondheim
2. CMAL Gothenburg
3. WEMS Cambridge
4. OXTEM Oxford
5. EMAT Antwerp
6. ER-C Juelich
7. IC-EM Krakow
8. LPS Orsay
9. StEM Stuttgart
10. FELMI-ZFE Graz
11. JSI Ljubljana
12. CEMES Toulouse France
13. LMA Zaragoza
14. Beyondnano Catania
15. A-DME Cadiz



The conditions of access



Universities and Institutes of Higher Education, Research Institutes, Enterprises or other official institutions



The access to the laboratory is transnational.



80% of research groups from the EU or an associated country
20% of international user groups



Obligation to disseminate the results
unless SMEs



Application and evaluation



- Applications can be submitted **online** to the **official website** <https://www.esteem3.eu>
- The proposal is **evaluated** by the **TAPEC**
- **The selection criteria:**
 - **Scientific quality** of the proposal (0-10)
 - Demonstration of **the need for the use of the advanced infrastructure** (0-5)
 - Potential **impact for academic or industrial innovation** (0-5)



Eligible costs



The TA is free of charge

**Logistical,
technological and
scientific support**

Specific training

Accommodation costs



The TA Reporting form



- **The TA Reporting form**

Before the TA project	<ul style="list-style-type: none">• The information available on the website• The time required for application
During the TA project	<ul style="list-style-type: none">• The quality of the installations and the scientific support
After the TA project	<ul style="list-style-type: none">• The success of the TA project



Enabling **S**cience and **T**echnology through **E**uropean
Electron **M**icroscopy

Thank you for your attention!