



**European infrastructure for synthesis
spectroscopy, scattering and imaging of soft matter**





**European infrastructure for
spectroscopy, scattering and imaging of soft matter**

EUSMI covers costs for:

- **Access to facilities**
- **Travel**
- **Accommodation and subsistence**



European infrastructure for spectroscopy, scattering and imaging of soft matter

- You need a special technique to characterize your samples?
- You need a specific soft matter material to conduct your research?



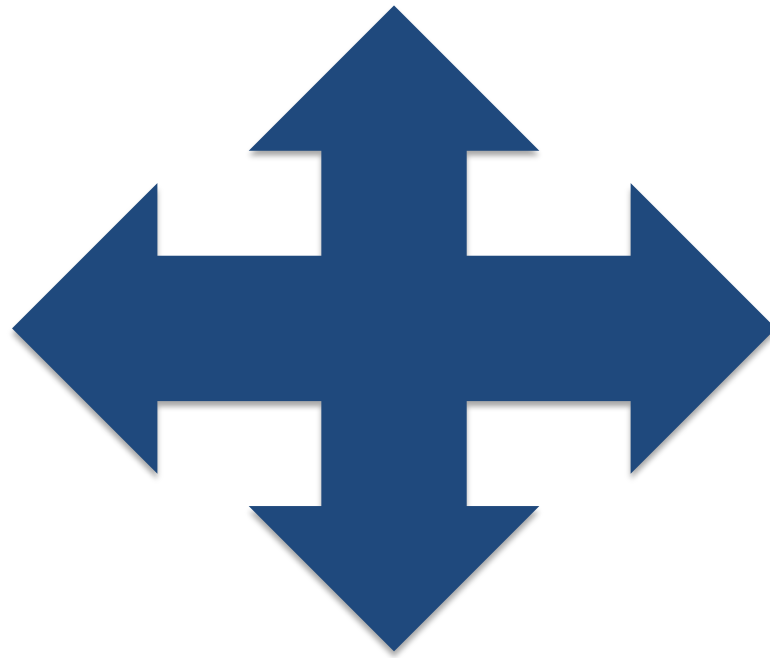
European infrastructure for spectroscopy, scattering and imaging of soft matter

Facilities for:

- **Spectroscopy and Rheology**
- **Scattering and diffraction**
- **Imaging**
- **Synthesis**
- **Supercomputing**

Organic polymer synthesis

Photonic nano-
crystals



Active living
matter

Computer simulation

The consortium

- 23 Beneficiaries,
 - 9 companies,
 - 6 research centres,
 - 8 universities
- 15 partners providing transnational access
- Coordinator : Forschungszentrum Jülich GmbH

Timeline

- Start date 01. July 2017
- Duration: 48 months
- Amendment for 6 month extension in progress



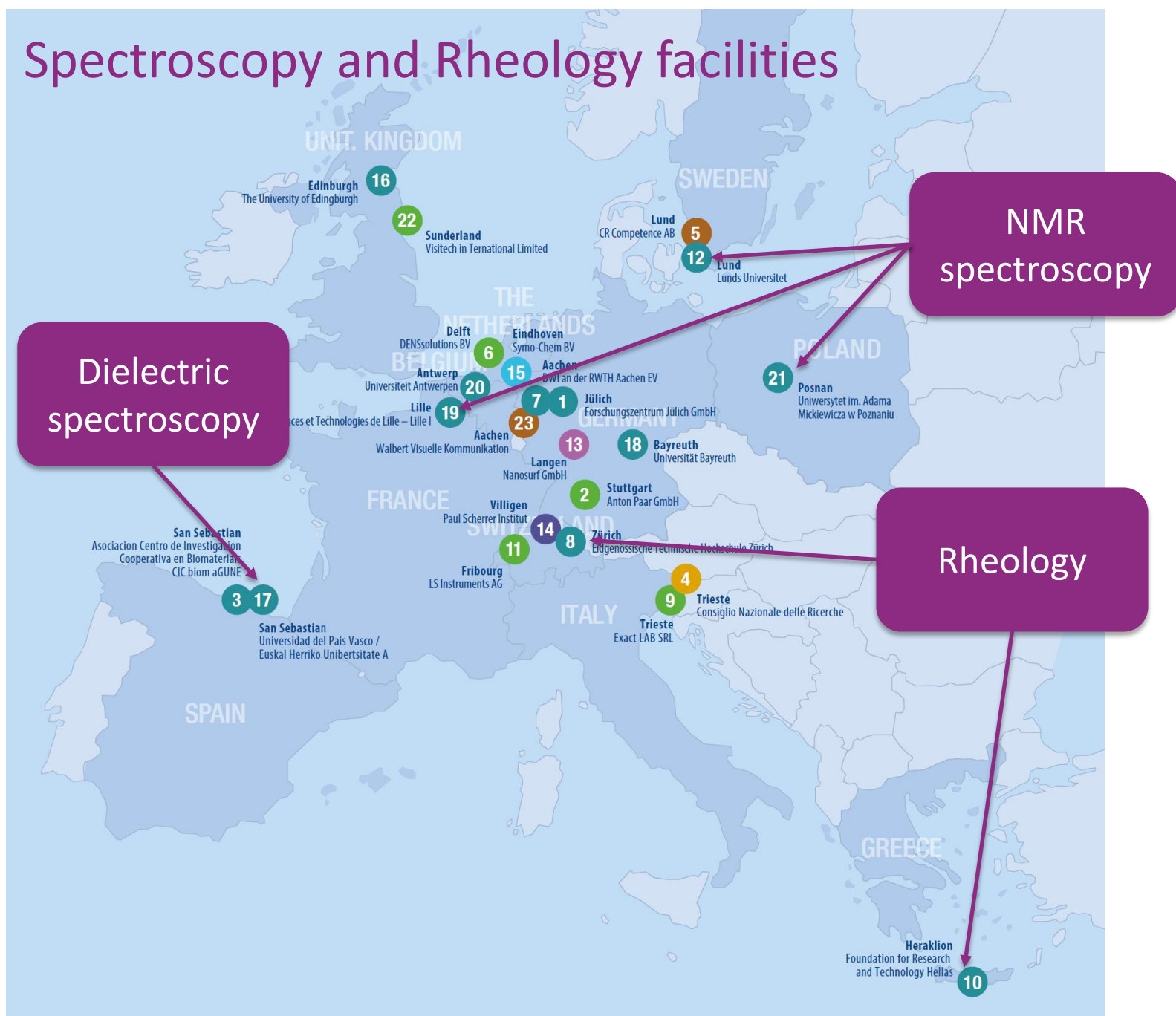
Transnational Access to:

- Spectroscopy and Rheology
- Scattering and diffraction
- Imaging
- Synthesis
- Supercomputing

Joint Research activities to improve and develop instrumentation

Networking activities for the dissemination of soft matter related knowledge

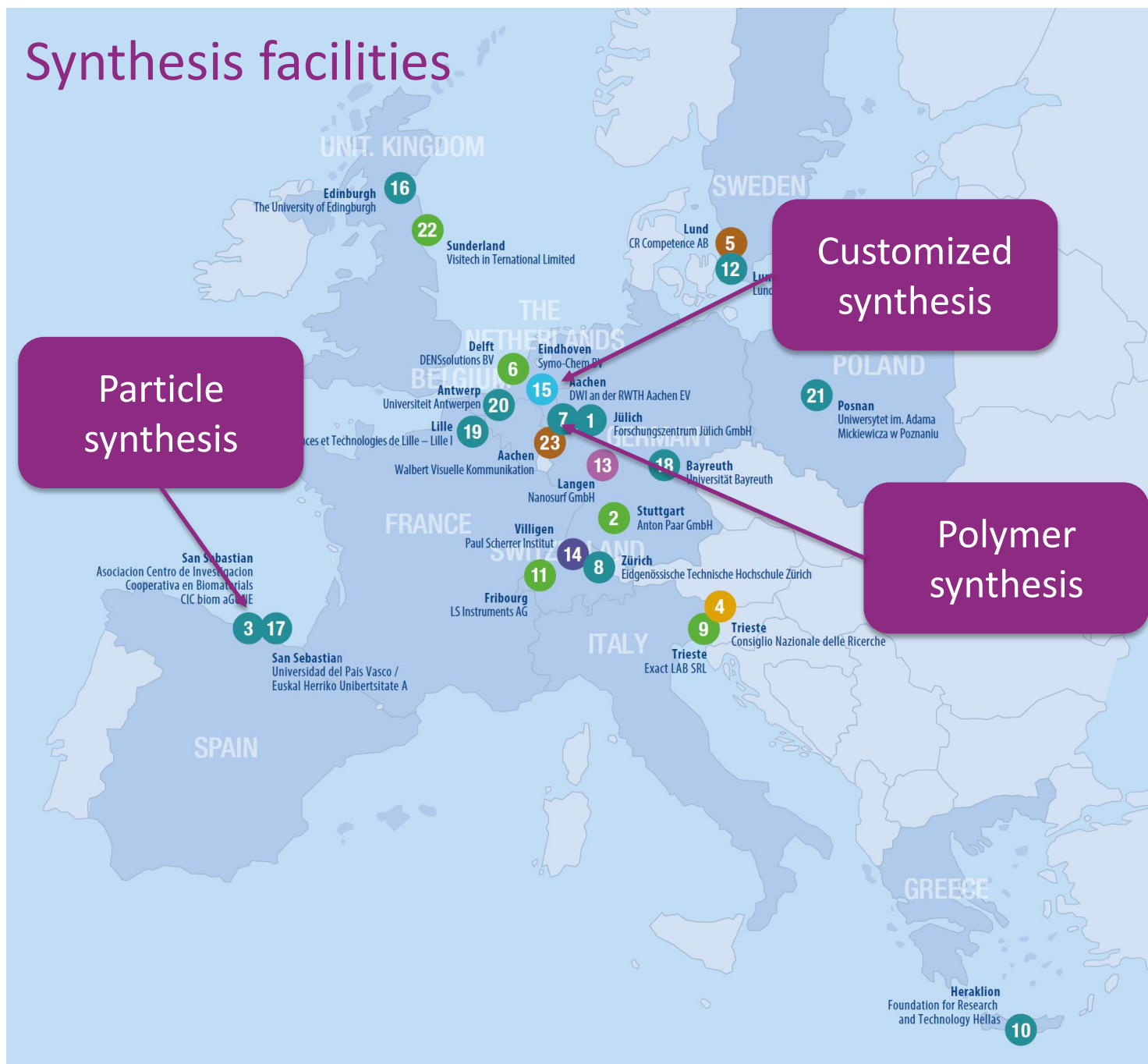
Spectroscopy and Rheology facilities



Scattering facilities



Synthesis facilities



Supercomputing facility



Apply for Access at: <http://eusmi-h2020.eu>

Registration → find your instrument → write and submit the proposal

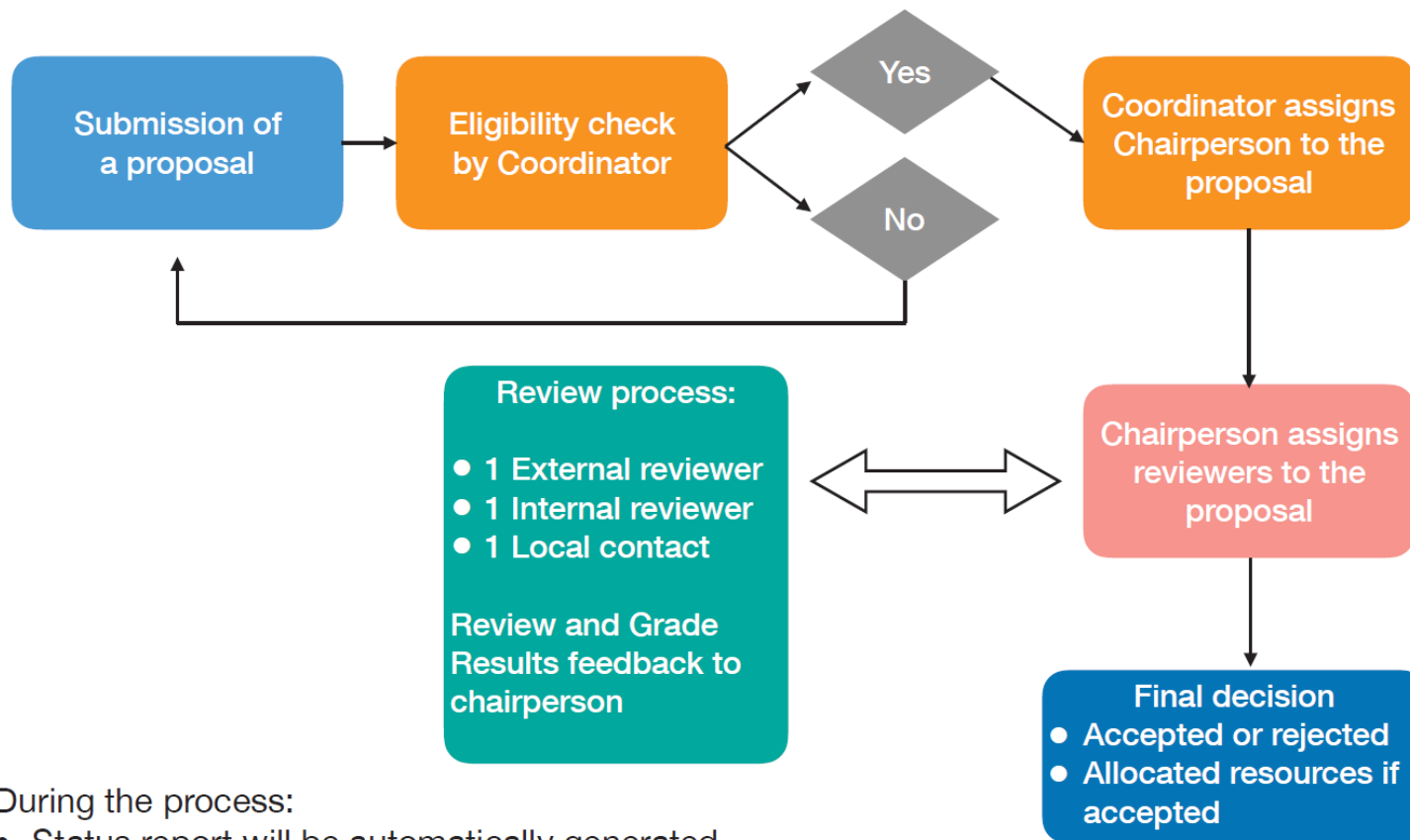
ACCESS FREE OF CHARGE

GET FREE ACCESS TO THE NEWEST AND MOST
ADVANCED TOOLS FOR SOFT MATTER RESEARCH

SIMULATION FROM
POWERFUL SUPERCOMPUTERS 

Access modalities

Life cycle of EUSMI proposal



During the process:

- Status report will be automatically generated
- Corresponding person will receive notification emails

More information

- Web portal
 - <http://eusmi-h2020.eu>
- Write an email
 - y.liu@fz-juelich.de
 - p.lang@fz-juelich.de
- Follow EUSMI on Twitter
 - [@EUSMI_H2020](https://twitter.com/EUSMI_H2020)



EUSMI

Access to EUSMI installations is offered **free of charge** to successful **scientific** and **industrial** orientated **applicants** thanks to financial support from the EU through Horizon 2020.

Follow us at twitter: [#eusmi_h2020](https://twitter.com/EUSMI_H2020)

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ACCESS FREE OF CHARGE
GET FREE ACCESS TO THE NEWEST AND MOST ADVANCED TOOLS FOR SOFT MATTER RESEARCH

ADVANCED SPECTROSCOPY, SCATTERING AND IMAGING TECHNIQUES

FREE **EASY** **FAST**

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ACCESS TO:

- a neutron scattering facility
- a coherent x-ray beam line
- most advanced electron microscopes
- world leading synthesis laboratories
- one of the fastest supercomputers in Europe
- about 70 highly specialized instruments for a large variety of experiments

How to make use of EUSMI

All soft matter scientists are invited to register at

www.eusmi-h2020.eu

Registered users can take advantage of the EUSMI transnational access programme by submitting an application via the online proposal system at the EUSMI web portal. Proposals will be evaluated **within a month** by a panel of internationally renowned experts.

WHEN A PROPOSAL IS ACCEPTED

All costs for using the EUSMI infrastructure, travel, accommodation and subsistence costs will be covered by EUSMI for up to 2 persons per proposal.