

## S3Chem disseminated in Saxony-Anhalt

### 3<sup>rd</sup> Dissemination Conference in Halle (Saale)

On 26<sup>th</sup> of February, S3Chem project carried out its final project conference hosted by project partners from Saxony-Anhalt (Germany). More than 60 participants had the opportunity to get to know the S3Chem project and the experiences and lessons learned during the project's first three years. In addition, the third S3Chem dissemination conference was devoted to the topics of Regional Innovation Strategies for chemistry and bioeconomy as well as to future actions to promote innovation in the chemical and bioeconomy sector. The event was opened by Thomas Steinmetz (Ministry of Economy, Science and Digitalisation Saxony-Anhalt). In his welcome address, he explained the importance and benefits of international partnerships and projects such as the S3Chem. Afterwards, interesting presentations on Chemistry 4.0 and innovation funding programs in Saxony-Anhalt were given, followed by an introduction of the innovative Fraunhofer Performance Center for Chemistry and Biosystems as an important contact point for networking between business and science of the chemical industry in central Germany.



A special focus was given to the presentation and dissemination of the project's main findings and lessons learned. For that reason, Andreas Fiedler presented the project, summarized the most important results and highlighted the project as an important cooperation platform for exchanging experiences related to the implementation of innovation policy. In addition, each of the project partners pitched their ideas for the regional action plans. Renatka Krcova (ECRN) highlighted the smart specialization platform for Industrial modernisation for the thematic area on chemicals as a success story. With the help of the S3Platform great potential can be used to connect the platform with the S3Chem project and to make use of the accumulated knowledge and to bring the relevant actors on board.

Besides the lectures, the project organised a networking reception with poster stands and company presentations. Exhibitors have introduced a number of relevant clusters and networks active in innovation and chemistry and informed participants about their activities.

### Site Visit to Fraunhofer Pilot Plant Center for Polymer Synthesis and Processing (PAZ)



On the second day of the project meeting, a site visit to the ValuePark® in Schkopau was organised. Partners and stakeholders had the opportunity to see the innovative Fraunhofer Pilot Plant Center for Polymer Synthesis and Processing (PAZ), a unique pilot plant center where new polymer materials are developed, manufactured and deployed in collaboration with industrial partners. Moreover, they also met interesting actors such as the Bioeconomy Cluster, which is an important innovation driver for bioeconomy in Central Germany, the Fraunhofer CBP as well as the Innovation- and Technology Center Merseburg (Mitz). During the site visit, several stakeholders took the chance to introduce themselves to the relevant actors and discussed possible match-making options.

## A Good Practice Example from Saxony-Anhalt – Technology Roadmap for Lead Market Chemistry and Bioeconomy

The RIS Saxony-Anhalt has defined the chemistry and bioeconomy sector as an important innovation priority. Five main sub-themes have been identified – new polymers, the bioeconomy, regenerative hydrogen, coal chemistry – the CO2 economy as well as specialty and fine chemicals. In order to support the development of concrete innovation projects, a technology roadmap has been implemented for this lead market. The following topics have been analysed in an

intensive consultation process with companies and research entities: strategic framework, operational implementation, innovation priorities, lighthouse projects and networks. Milestones and a time plan have been developed for each sub-theme. A first estimation of investment costs is also included. The roadmap was implemented by an external research institute, which has organised several larger meetings and bilateral interviews with companies and research entities. Over 100 stakeholders have been involved in this process. A questionnaire was developed and completed in order to identify the needs of the innovation actors. The final technology roadmap contained several innovation project proposals for each sub-theme with a description of the partnership, thematic focus and financial estimates. These results have been discussed and adopted in the Lead Market Working Group in coordination with the Ministry of Economy, Science and Digitalisation Saxony-Anhalt. Based on the roadmap, the companies and research entities have developed concrete project applications to be funded by ERDF

## Finalizing the Action Plan Development

In order to transform the findings from interregional learning into actions, regional action plans were prepared at the end of the learning phase. The action plans provide details on how the lessons learnt from the cooperation will be implemented within the regions. The project partners themselves decide how many actions they would like to implement in their regional action plans. From the lessons learnt and identified good practices, the following planned regional action plans were developed in order to improve regional innovation funding focused on chemistry and bioeconomy. Part of almost all action plans is the newly founded 'S3Platform for industrial modernisation'.

### Saxony-Anhalt

- Improving Funding Directive Research and Development
- Implementing new Event Format „Future Dialogue“ for Lead Market Chemistry/Bioeconomy
- Transparent Presentation and Communication of Innovation Projects Funded by ERDF

### Catalonia

- Improving Interregional R&D Programme
- Impulse Chemical Circular and Bio-economy
- Encourage Project Generation

### Limburg

- Improving final call for proposals with respect to biobased materials
- Leading and actively participating in the S3 Chemical Platform
- Further enhancing the cooperation between BMC and Fraunhofer IMWS towards regional SME's

### Lombardy

- Improvement of RIS3 through its Eco-Industry (sustainable chemistry and bioeconomy) Work Programme, supporting the setting and the developing of new projects
- Enhancement of cooperation between Industry and Research awarding Lombard excellences

### Wallonia:

- Improvement of the governance of S3 within the current ERDF programming
- Organize the involvement of the different Walloon actors in European specialization platforms
- Develop a platform of knowledge, able to identify a value chain and put Walloon stakeholders active in the sector of chemistry / bioeconomy in relation

### Asturias

- Testing feasible technologies to facilitate industrial symbiosis and assessing the opportunity to create a regional circularity hub
- To improve the acceptance of industrial projects for the recovery of waste by society, and to agree on a model for the validation of R&D projects by stakeholders in order to support new technological responses to a societal challenge

### Mazovia

- Increasing the role of the business environment institution accreditation system (MSODI project)
- Internationalization of Mazovian clusters – in chemicals
- Strengthening cooperation between R&D centres and companies (better use of research and the potential of research centres)

## Contact

- ✉ Project coordinator: [andre.mangelsdorf@mw.sachsen-anhalt.de](mailto:andre.mangelsdorf@mw.sachsen-anhalt.de)
- ✉ Communication manager: [claudia.geyer@mw.sachsen-anhalt.de](mailto:claudia.geyer@mw.sachsen-anhalt.de)

 [facebook.com/S3Chem](https://facebook.com/S3Chem)

 [LinkedIn/S3Chem](https://LinkedIn/S3Chem)