

European Sealing Association 2023 Projects and Tasks for Divisions

Division: Elastomeric & Polymeric Seals

Chairman: Tony Young

Activity	Current status	Next steps	Responsible/ Date
Arrhenius Project	<ul style="list-style-type: none"> Cetim started a project to develop analytical tools for ageing based on the experimental results in 2022 A PhD thesis on ageing of rubber seals has been also started in March at Cetim 	<ul style="list-style-type: none"> Data recovery to analyse has been finished Analysis of ageing tests based on analytical models is completed Analysis of ageing tests based on numerical models (FEA) is in progress 	BO – ongoing
Low temperature work – ISO Standard	<ul style="list-style-type: none"> Ozan revised and updated the standard document An interlaboratory test program is has been finished using NBR or FKM materials with group members from Turkey, France, Japan and UK to verify the test procedure and repeatability 	<ul style="list-style-type: none"> The ISO standard document is in the comment stage The publish date for the standard is January 2023 	OD - ongoing
Technical training presentation for elastomeric seals	<ul style="list-style-type: none"> It was proposed to work on a technical training presentation like other Divisions in the ESA A first draft “Introduction to Elastomeric Seals” has been created 	<ul style="list-style-type: none"> Work further on the training presentation and add more content 3D-model of valve will be forwarded from JW to Tuneful Work with Co. Tuneful to add voiceover and animations 	All – ongoing
Articles for Valve World	<ul style="list-style-type: none"> Benoit’s article about the Arrhenius project has been finished and has been submitted to Valve World 	<ul style="list-style-type: none"> Benoit’s article will be published in the August edition of Valve World More articles are needed in the future 	RV - ongoing