

# Strokovno znanje papirništva širili na proizvajalca škroba Roquette

*Expertise in papermaking is shared with starch manufacturer Roquette*

A three-day training course for our partner Roquette from Lithuania was held in February. Roquette is a company that produces starch, which is an indispensable raw material in every paper mill. During the three-day training course, the participants acquired theoretical knowledge about paper production and learned about the individual steps of the paper production process by means of practical demonstrations. The participants from the research, production and sales departments will be able to apply the acquired knowledge to their daily work. This was the first foreign training in recent times, and the participants' reactions suggest that it will not be the last, as they stated that this is a good quick training for any new employee.

Februarja smo organizirali 3-dnevno izobraževanje za tujega partnerja Roquette iz Litve. Roquette je podjetje, ki proizvaja škrob. Ta je nepogrešljiva surovina v vsaki papirnici. V 3-dnevnem izobraževanju so udeleženci osvojili teoretično znanje papirništva in s praktičnim prikazom dobro spoznali posamezne faze procesa papirništva. Udeleženci s področja razvoja, proizvodnje in prodaje bodo nadgrajeno znanje lahko uporabili pri vsakodnevnem delu. To je bilo prvo tuje izobraževanje v zadnjem obdobju in po odzivih udeležencev verjamemo, da ne bo zadnje, saj so nam zaupali, da je tovrstno izobraževanje dobro za vsakega novega zaposlenega.

Janja Juhant Grkman



Slika. Udeleženci izobraževanja iz podjetja Roquette / Training participants from Roquette

Na Inštitutu za celulozo in papir z veseljem širimo strokovno znanje. Če vas to zanima, stopite v stik z nami prek e-naslova [janja.juhant-grkman@icp-lj.si](mailto:janja.juhant-grkman@icp-lj.si).

*The Pulp and Paper Institute is happy to spread its expertise.  
If you are interested, contact us via [janja.juhant-grkman@icp-lj.si](mailto:janja.juhant-grkman@icp-lj.si).*

Modul	Content	Time
Welcome	About Pulp and Paper Institute	10.00–10.20
From raw material to fibres	Raw materials (wood, annual plants, alternative sources, waste paper), chemical composition, the delignification process, pulping, refining, the deinking process	10.20–11.05
<i>Practical part</i>	<i>Characterisation of fibres (demonstration on the Valmet fibre analyser and microscopy)</i>	11.10–12.00
Papermaking process	Technology of papermaking, papermaking additives	12.00–12.30
Lunch break		12.30–14.00
<i>Practical part</i>	<i>Simulation of the papermaking process in the laboratory, overview of the pilot paper machine</i>	14.00–14.45
Microbiology in papermaking	Basics of microbiology, paper mill microbial entry points, microbiology in the production process and final products, biocides in papermaking	14.45–15.30
Coatings	Raw materials, coating colours, drying, calendaring, the importance of coating colours, barrier coatings, trends	15.30–16.15
<i>Practical part</i>	<i>Sumet coating line including coating</i>	16.15–16.45

Paper product characterisation	Basic methods for characterisation (mechanical, surface, barrier), standards	9.30–10.00
<i>Practical part</i>	<i>Testing of lab sheets in the laboratory</i>	10.05–11.05
Food contact regulations	Regulatory requirements for individual materials and products (paper&board) for intended food contact Declaration of compliance, etc.	11.10–11.55
Biodegradability Compostability	Evaluation of requirements for biodegradability and compostability	12.00–12.45
<i>Practical part</i>	<i>Short tour of laboratories (chemical, biodegradability and compostability lab)</i>	12.45–13.15
Lunch break		13.15–14.45
Graphic and printing technologies	Printing properties of paper, printing techniques, paper quality requirements for different printing techniques	14.45–15.30
<i>Practical part</i>	<i>Demonstration of different printing techniques</i>	15.30–16.15

Converting	Basic packaging properties and material requirements, external and internal factors, trends, eco-design and design	9.30–10.15
<i>Practical part</i>	<i>Constructing, printing and converting primary and secondary packaging</i>	10.15–10.45
Packaging	Paper and board processing, printing and converting moulded packaging	10.45–11.30
<i>Practical part</i>	<i>Packaging testing (ECT testing)</i>	11.30–12.00
Coffee break		12.00–12.30
Ecology in papermaking	Waste management, re-using paper for recycling, wastewater treatment and environmental legislation, recyclability determination	12.30–13.15
<i>Practical part</i>	<i>Demonstration of recyclability and deinkability</i>	13.15–14.00

V preglednici je predstavljen 3-dnevni program, ki je bil izveden za predstavnike Roquette. / The tables include the three-day programme carried out for Roquette representatives.