

## SPEAKER



### NAME

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### BIOGRAPHY

Alexey Vishtal is working in Nestlé Institute of packaging sciences as a Senior Specialist and his main focus is on the development of recyclable fibre-based packaging with barrier and other functionalities. He has been for 5 years with Nestlé and before that he held various positions in paper and related industries. Alexey has a paper engineering background and also has doctoral degree in paper physics and converting.

## LECTURE

### Opportunities and challenges for fibre-based packing in circular economy

Fibre-based based packaging is an attractive alternative to other difficult-to-recycle packaging materials, which has a great growth potential in future. This potential is mainly attributed to the widely available infrastructure for paper recycling and predominantly renewal origin of the raw materials. Nevertheless, this packaging type is perfect and there were reasons while multilayer plastic packaging was such rapidly adopted in the past. These reasons are high barrier performance, converting versatility and high resistance in the supply chain, current fibre-based packaging still largely lack these features.

This presentation will provide an overview on the pros and cons of using fibre-based packaging from brand owners' perspective as well as will give insights on the emerging technologies arising in the field which could potentially close the functionality gap between fibre-based packaging and difficult-to-recycle multilayer plastic packaging.