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**SUSTAINABLE WASTE MANAGEMENT 2018**

**RECYCLING • PLASTIC WASTE • BIO-WASTE • ECONOMY**

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HOTEL PATRIA\*\*\*\*, ŠTRBSKÉ PLESO, VYSOKÉ TATRY, SLOVAKIA



**LECTURER**

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**PRESENTATION**

Recycling and marketing waste plastics: About inherent challenges, pitfalls and hard sells

*Recyklovanie a marketing plastového odpadu: O základných výzvach, nástrahách a agresívnych predajných technikách.*

**KEY WORDS**

Post consumer packaging plastic recycling, design for recyclability

**ANNOTATION**

Recycling and marketing waste plastics: About inherent challenges, pitfalls and hard sells

Post consumer packaging plastic waste in the next years has to come to mechanical recycling with dramatically increasing amounts. Due to EU regulation, recycling targets for plastics (amongst other recyclable waste streams) will be very demanding for the value chain of producer, brand owner, retailer, take back schemes, customer, waste management companies (collection and sorting) and for the recycler as well. Furthermore EU has announced the Plastics Strategy, which gives several aims and guidelines to fulfil these recycling targets. The lecture will focus on used plastics packaging from a recyclers point of view:

Which are the challenges to bring the mix of polymers into high standard applications?

How should the producers act in EPR (extended producers responsibility) and which guidelines must be applied in design for recyclability?

Which are the key points in collection, sorting and recycling?

Are there already technical solutions available and which research and development has to be done?

The speech will try to give some answers and define open issues on the track towards EU goals and the common aim to increase amounts in plastic recycling in Europe.

## LECTURER'S PROFILE

46 year old, married, 1 son, German  
Environmental Engineer  
International Projects in Austria, Italy, Malta, Turkey, South-Africa and Germany  
Since 1996 working in recycling, resources efficiency and waste management  
Since 2009 with Relux

## ORGANISATION'S PROFILE

Relux is a group of family-owned, medium-sized recycling companies, which is engaged in secondary resources business since decades. In the field of plastics recycling, Relux recycles pre-sorted post-consumer plastic packaging waste into regrind and agglomerate as virgin plastic substitute. Beside of this, the group is busy in sorting and recycling of household post consumer batteries (and special fractions of electronic waste), the company is involved in the disposal of residues from incineration and waste air cleaning, which come to mine filling for example. Furthermore – together with its sister companies - Relux is doing electronic waste recycling, production of refuse derived fuel (RDF). Collection of hazardous waste from hospitals and sorting of metal containing fractions is also part of the offered services.