SECONDARY RAW MATERIALS STRATEGY OF THE CZECH REPUBLIC

SOS EXPO 2014, WARSZAWA
The market of secondary raw materials in the Czech republic

- App. **1500** businesses, thereof 400 companies and 1100 private entrepreneurs.
- **20 000 – 30 000** employees.
- Annual turnover on the market (including processing, recycling and sale of all commodities) **1,5 – 1,8 mld €**.
- Czech secondary raw materials market is export–oriented.
Vision  Definition

- Removing the ‘waste’ label from the products generated by the recycling industry.
- Turning waste into a resource.
- Preferential use of domestic raw materials sources.

*Secondary raw materials* shall mean materials (including certified products) that are of the nature of side products, by-products, and treated waste, which ceased to be waste in the moment when they became compliant with conditions and criteria for materials obtained from products, that are subject of a take back system, and from other products, that can be used for further processing, if established.
Generation of secondary raw materials

Graf 13 Produkce druhotných surovin v roce 2012
*Generation of secondary raw materials; 2012*

- z energetických procesů 
  from thermal processes
- z kovů 
  from metals
- ze stavebních hmot 
  from construction materials
- z papíru 
  from paper
- z ostatních nekovových materiálů 
  from other non-metal materials
- ze skla 
  from glass
- z plastu 
  from plastic
- ze dřeva 
  from wood
- ostatní 
  others

![Graph showing the generation of secondary raw materials in the Czech Republic in 2012](image)

Tisíce tun / Thousand tonnes

- 11 801
Secondary raw material policy of the Czech Republic

• The first document of the Czech Republic, which creates a strategic framework for the effective use of secondary raw materials;
• Ratified by the government on October 16th 2013;
• Secondary raw materials represent a significant part of the state raw material base;
• Goal: the effective extraction and utilization of secondary raw materials for the purpose of saving non-renewable resources (energy and non-energy raw materials).
Secondary raw material policy of the Czech Republic

- 10 commodities of secondary raw materials: paper, plastics, glass, metals, energy by products, construction and demolition materials, end of life EEE, end of life vehicles, batteries and accumulators, tires.

- Identification of streams and prognosis for the future.

- Analysis of the potential of secondary raw materials suitable for recovery, recycling or energy recovery.

- Current capabilities and capacity utilization.

- Strategic objectives and measures.
Use of energy by-products
Implementation

- **Support:**
  - of the use of secondary raw materials in public procurement;
  - of education and awareness in the area of the extraction, processing and use of secondary raw materials;
  - of research and development in the area of the extraction, processing and use of secondary raw materials.

The “golden rule” : communication
Thank you for your attention!

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