



Our trip to Chrášťany

April 2019

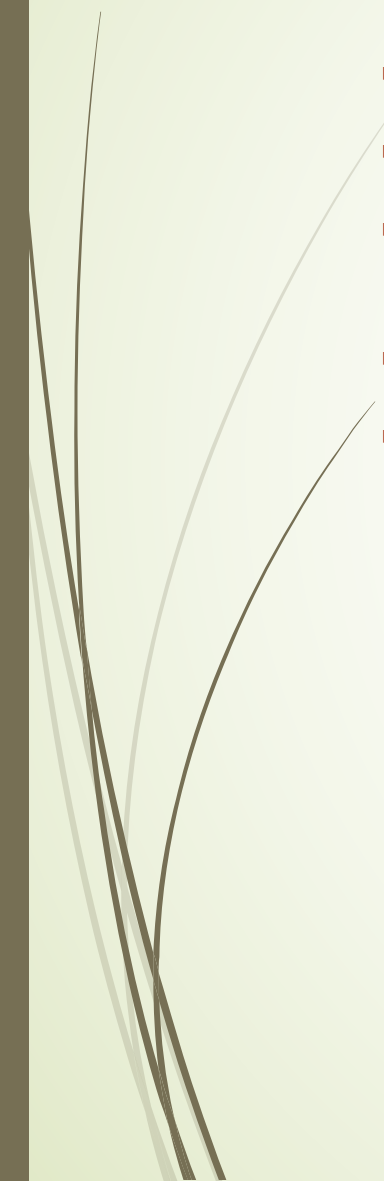
What is it?

- A sorting center
- Near Prague
- Founded in 2009
- Plastics and paper is processed here
- One out of two in Prague (the bigger one)
- Sorts rubbish from the western part of Prague
- Handmade work (machines can not do that properly)
- Many part-time job workers and prisoners work here





How does it work?

- Daily – 75 tons of rubbish
 - Go on a moving belt (soo many other things!)
 - Workers sort it hand made (even though it should have already been sorted)
 - Squashed into packages
 - Go into another manufactory
- 



Plastic

- 10-15% other rubbish (not plastic)
- after removing other rubbish sorting by material (PET, polyethylene, polystyrene...)
- pressed into packages or grinded
- modern technologies
 - ability to reuse all kinds of plastic (except toxic ones), but subscribers are needed
- PET bottles
 - sorted by colours
 - fleece (fabric) or other materials
 - fleece jacket
- In Prague in 2005 7000 tons of plastic were recycled (6kg of plastic per person, 6kg of plastic = circa 1000 PET bottles)



Paper

- Is collected on a sorting line, where other rubbish (9%) is thrown away
- Paper is divided into cardboard, newspapers, magazines and mixed paper
- paper is pressed into bales (one weighs up to 800 kg) and is delivered to the paper mills
- Water is mixed with paper (97% water, 3% paper)
- The mixture is dried and new paper is used once time again
- One peace of paper has 7-9 lives, when paper is too old it spreads in water
- In 2005 were recycled 18 kg of paper per inhabitant of Prague and it saved approximately 220 thousand trees

Glass

- two types of recycle bins – clear and coloured glass
- when you have coloured glass, you can't make clear glass with it
- about 8,5 thousand tonnes of glass collected every year! (only in Prague)
- after collecting – sorted (not in this sorting center)
- 8 % of other material (metal, porcelain etc.)
- sent to the czech glass factories
- here: crushed into 'glass sand' and melt by 1 500 °C added in normal glass



Liquid packaging boards - Tetrapack

- almost 180 tonnes collected per year
- after sorting (not in this sorting center) – compressed
- sent to a paper mill (factory)
- tetrapack divided in different materials (paper, plastic)
- these are used for books or insulation



Biowaste

- things that can be decomposed easily (plants etc.)
- a new plan in Prague – only in some areas
- some families received special recycle bins
- a car picks the biowaste every two weeks
- treated in special composter centers







Thank you for your
attention! 😊

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