

REBUILT

RESULT 3 – A1 – TEMPLATE

Company Name:	Rommtech-3s
Professional sector and company size:	Production of electronic devices. Company size: 240 employees, turnover: 10 M Eur.
Need/problem/challenge addressed:	Reducong scrap rates of devices and components and possibility for reuse
Sort presentation of the company:	Established in 2007 with mother company established in 1994. Specialized as turnkey box build manufacturer. In house production of electronics ,plastics, metals, cables and battery packs. Rommtech-3s can manufacture the full product from design files through electronics assembly to programming encapsulation in housing to finalization for particular market with custom language and labels/ instructions. https://www.rommtech-3s.com/en/home/
Initial Process and CO2 Emission Profile (tools, methodologies, theories, references):	Scrap rates of plastic products were more than 9% in general. With more than 100 Tons of plastics processed this was quite a lot of waste and thus CO2 emissions.
Strategic Decision of the company:	Improvement of the scrap rate tracking and root cause analyses of the problems. Recording of good practises and regimes for the machines. Tryouts for reusing of granulated scrap details.
Process reengineering on selected waste (resources, methodologies, tools):	The process is with weekly management meetings to review the scrap rate and daily productions by shift. Set targets for each product and discuss deviations both negative or positive to take good practise or apply corrective measures. Decisions for which product is applicable use of degranulated material.
Re-engineering outcome and results. Emission profile improvement and other success evidence:	The scrap rates are reduced to less than 6%. For most products less than 4%. A lot of products are using some percentage of degranulated material. End result is more than 4 Tons of plastic is not wasted per year.
Please identify the sustainability goals (SDGs) and the specific targets achieved in the described case:	Reducing of scrap and consequently the CO2 emissions.