EDIT Value
Pilot Phase in the Czech Republic (SME 2)

Sector: Furniture industry
Size: 50 employees
Products: Metal and upholstered furniture
Annual Turnover: 2 Mio EUR

- The EDIT Value piloting took place from April to July 2014
- Two facilitators (ENVIROS Prague) and two senior executives were involved in the EDIT Value process.
- “We were not thinking about resource efficiency before, however, we recognised its importance for our company after application of the EDIT tool” - CEO of the SME at the final meeting

Lessons learnt
- Company appreciated an independent view on its performance and would be ready to implement EDIT on a semi-commercial basis
- Better methodically describe the transition between analysis and applications; work out SW version of methodology
- Consider dividing EDIT Tool methodology to freely accessible part of which companies own processes (analysis) and commercial part of the network of experts (applications)

Applications:
- Material efficiency - 213 000 EUR / year will be saved by applying measure 1 with a payback time of 5,5 years (investment with assistance of a Czech subsidy program “OPPI Development”)
- Energy efficiency – company will change gas supplier, optimize electricity consumption, change the paint operation, reconstruct an indoor lightning
- Company will introduce material flow and energy management based on principles of Monitoring and Targeting
- New recycling scheme for chair foam has already been implemented
- The SME will work out own marketing strategy

1. Initiation and first analysis
2. Stakeholder analysis
3. Input-output analysis
4. Life cycle analysis
5. Walk through
6. Identification of core aspects
7. Suggested applications for core aspects
8. Feasibility study

1. Installation new CNC electro-hydraulic bender
2. Installation information system for production management HELIOS
3. Material audit and cleaner production projects
4. Business strategy KOVOBEL 2020

First contact and first interview by phone, exchange of some data for preparation
Mother company supported EDIT Value implementation
Work started by a desk study

- 80% of production capacity is used for the orders and procurement of the mother company stationed in another EU country leading to low autonomy of SME within the design and trade; old and inefficient production facilities
- Problems with Input – Output Analysis due to lack of data
  High estimated losses of steel and stainless steel pipes
- The largest negative environmental impacts are connected with mining and processing of metal materials.
- Minimisation of use of metal materials within design of furniture was already achieved through selection of best quality materials

Opportunity to increase sales through new business activity outside the mother’s company market, having own business strategy, introduction of a documented management and innovation system, management of material and energy flows, systematic preparation and motivation of key employees

Update evacuation plans for case of floods – implemented during the project

- The SME started to monitor losses (it is impossible to calculate material consumption per one unit given the character of production)
- Fast introduction of the new information system, a new incentive system for employees
- Improvements in separate marketing, higher utilization of production facilities, purchase of CNC machines

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