



Case study No. #17 - **incomplete**, Industrial Sector: PCB



TECHNO-SERVICE S.A. - TS PCB (Printed Circuit Production Plant),
(Poland)

The company TS PCB - Printed Circuit Production Plant is independent part of the TECHNO-SERVICE S.A. It is a well-known manufacturer of printed circuit boards in Poland. It operates in the PCB sector since 1984. The TS PCB execute wide range of PCBs types based on delivered projects using exclusively a high-quality laminates and modern machine park.

Mr Andrzej Wałachowski and Ms Katarzyna Kobylińska from Printed Circuit Production Plant of the TECHNO-SERVICE Company participated in the workshop organized by ITR in Poznań the 8th of October 2013: “Promoting the use of Life Cycle Assessment of products (LCA) in European Small and Medium Enterprises”.

During the workshop they had opportunity to know information concern Life Cycle Assessment of products from PCB and electronics sector. The possibilities and areas of applications of “LCA to go” tool were presented as well. In particular, the results of analysis using “LCA to go” tool for different types of PCBs were presented as well as different ways of the output results dissemination. The alpha version of the tool was used during presentation.

After the seminar the representatives of the projects from ITR discussed for a long time with Mr Andrzej Wałachowski from TECHNO-SERVICE Company about “LCA to go” tool. The main conclusions are below:

Mr Wałachowski said that “Possibilities of the “LCA to go” tool are interesting, but he can do similar calculation using their own algorithms and based on data from his factory.

He was afraid that “LCA to go” tool’s data bases are not adequate for his factory technology. Answering on this remark the possibilities of sophisticate module of PCB tool were described to dispel his doubts.

Mr Wałachowski said also that for him interesting would be the benchmarking function implemented in “LCA to go” tool. The tool should has possibility to save the results of other users and to show the average value for the some type of PCBs and minimum or maximum values of different KEPI. In this way the user could assess where there is his production process in comparison to other factories. ITR answered that such approach is difficult to realization because not all tool users execute full analysis of their products what could be the source of mistakes. Moreover the tool protects data of users and nobody have access to them.

Finally Mr Wałachowski said that they will execute tests of the “LCA to go” tool when the final version will be ready.