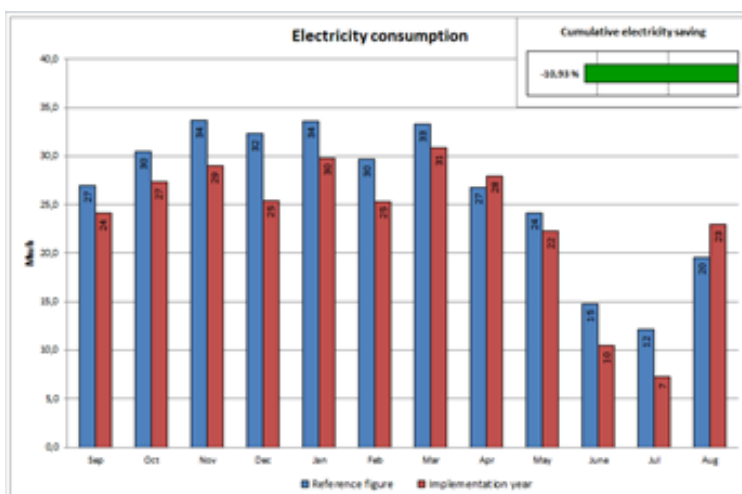




Monthly consumption figures

Country	Finland
School/building, where good practice was implemented	All 50/50 schools and the Vaasa City Library
Area of intervention	Overall 50/50 implementation
Type of intervention	Change of behaviour
More information	UVA (www.uva.fi)



Short description of the action with the main steps taken:

All the schools and one other public building (Vaasa City Library), that are implementing the 50/50 in Finland, have received monthly or bi-monthly feedback on the consumption figures of their buildings. The graph has been created separately for the electricity, heating energy and water consumption.

The reference figures have been calculated for each month in the following way: for example, if the reference years are 2011-2013, the reference figure for January is the average consumption in January 2011, January 2012 and January 2013. Then, during the implementation of 50/50 in 2014, the consumption of January 2014 has been compared to the reference figure of January.

This system is very relevant and useful in a country like Finland with four clearly different seasons, including dark and cold winter. The consumption varies naturally greatly between months.

Short overview of the material/tools used:

Consumption data of the building have to be available on a monthly basis during the whole reference period (usually 3 years). Monthly consumption data also need to be available during the implementation of the project. When all the data has been gathered, an Excel file (or similar) is enough to create the consumption graphs.

Short overview of people involved:

All Finnish municipalities are following energy and water consumption of their buildings on a monthly basis. Municipal representatives, basically the people responsible for the facility management, have gathered these consumption data and sent them to the University of Vaasa, who - as a project partner - has turned them into Excel graphs and sent them to the teachers and principals of the 50/50 schools. The consumption figures have always been sent with comments to the schools, explaining their current results, asking for reasons to unusual figures and encouraging them to continue their saving measures.

Main results achieved:

The energy teams of the public buildings involved in 50/50 implementation have received regular feedback



on their consumption figures. Also, the municipal representatives have paid more attention to these figures than normally. On the top of that, the project partner (University of Vaasa) has been able to know and understand the situation of the public buildings involved, which supported his efficient communication with them.

Why is it best practice? Why is it worth replicating in other schools/ buildings?

Monthly feedback on the consumption figures helps and motivates the energy team to implement the project. The energy team knows, whether they are doing well or not with their saving measures. Also, by monitoring the consumption every month, sudden & unexpected changes can be noticed more easily. As a result, possible technical problems in the building can be identified and removed quicker.

Other relevant information (top tips, citations from the pupils, teachers, etc.)

The figures need to be in a format that is very easy to understand (even for pupils), such as bar charts comparing monthly energy use to the reference months.