**So you want to calculate employment, huh?**

**Amendment to the DCP:**

The correct measurement unit of the indicator

10.1. Number of persons employed in total

should be:

“number of persons in **full-time equivalents** in reference year **per reporting unit**”.

This means that a reported value 0.5 would be interpreted as 0.5 person-years per reporting unit.

Above referring to [**Employment\_measurement unit**](http://87.192.2.62/Eforwood/LinkClick.aspx?fileticket=ZbdKNlSBlX0%3d&tabid=229&mid=1208)  **as of 20th March 2009, by Irina Prokofieva:**

The indicator measurement unit is “**absolute number in full-time equivalents (FTE) per reporting unit**”. Please compare also Irina’s DCP at the portal.

And also consult Marcus’ Excel calculation for those cases ([employment\_calculation options.xls](http://87.192.2.62/Eforwood/LinkClick.aspx?fileticket=ccHmbA5boUM%3d&tabid=229&mid=1208)). The descriptive calculation is as such:

Option 1 (simple):

Information available: Number of Employees in operation (group of processes), volume processed in different processes

1. *Employment share per process [%] = volume per process [m3] \* 100 / total volume [m3]*
2. *Employees per process [FTE] = Total number of Employees per operation \* Employment share per process [%] / 100*
3. *Employment per process and reporting unit [FTE/m3] = Employees per process [FTE] / total volume [m3]*

Option 2 (productivity-based):

Information available: Number of Employees in operation (group of processes), volume and relative productivity in different processes

1. *Required processing time [h] = Volume processed [m3] / Productivity [m3/h]*
2. *Employment share per process [%] = Required processing time per process [h] \* 100 / Total required processing time [h]*
3. *Employees per process [FTE] = Total number of Employees per operation \* Employment share per process [%] / 100*
4. *Employment per process and reporting unit [FTE/m3] = Employees per process [FTE] / total volume [m3]*

Option 3 (productivity-based, combined and advanced):

Information available: productivity in the process, volume in different processes; (total number of Employees in operation unknown)

1. *Required processing time [h] = Volume processed [m3] / Productivity [m3/h]*
2. *Average number of working hours for FTE [h] = stated by expert (input value)* ATTENTION! FTE without idle times (eg un-productive hours), will give a better and more credible picture than using employed times only!!! Using above numbers would result in much lower number of employees per process
3. *Employees per process [FTE] = Required processing time [h] / Average number of working hours for FTE [h]*
4. *Employment per process and reporting unit [FTE/m3] = Employees per process [FTE] / total volume [m3]*