

## Mail correspondence with Claus Händel CEN/EVIA, 11 May 2015

### Proposal for a Road Map for the further actions on $SFP_{int}$ :

1. Measurement of SFP all for the whole (system and unit) based on  $q_V$  und  $P_{el}$   
This considers  $\eta_{fan}$  in the operation point
2.  $SFP_{int} = SFP_{all} * d_{p,int}/d_{p,all}$
3. Then the determination  $d_{p,int}$  is the key element for the calculation of  $SFP_{int}$ . There are different options to do this:
  - a. Measurement
    - i. Direct  $dP$  measurement
    - ii. Indirect measurement by removing components
  - b. Reliable components data
    - i. Calculation from components data
  - c. Indirect determination by comparison of fan curve and unit curve
4. Declaration which method was used
  - a. Which method for which units
  - b. Tolerances
5. Experience with the methods 3.