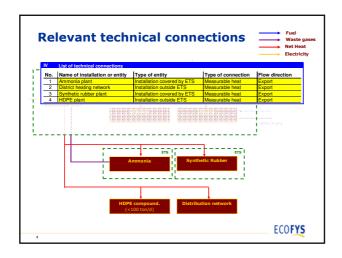


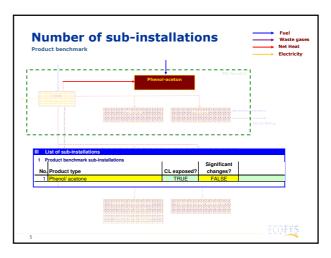
## Disclaimer and copyright

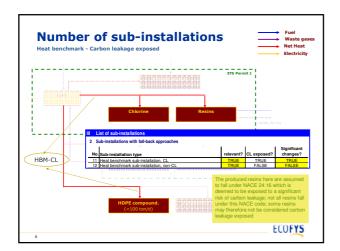
- This workshop is conducted in the framework of a project for DG Climate Action. However, the Commission is not responsible for the correctness, completeness or quality of the information provided.
- The contents of these slides are based on the guidance documents as endorsed by the Climate Change Committee on 14 April 2011 and by no means substitute the legal text
- Any values used in examples do not necessarily reflect existing situations and are only meant for illustrative purposes.
- Ecofys makes no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability, suitability with respect to the information in this presentation. Any reliance you place on such information is therefore strictly at your own risk and Ecofys is not liable for any damage whatsoever arising from the use of this information
- The copyright of this presentation is reserved. It may therefore not be used for any purpose without the explicit permission of Ecofys

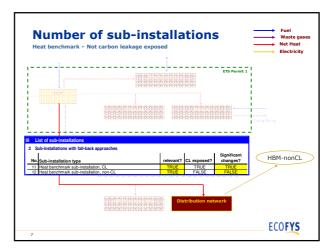
ECO**FYS** 

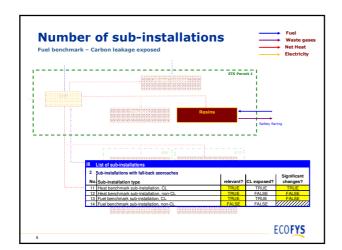
## General information Is the installation eligible for free allocation? Yes Is the installation an electricity generator pursuant Art. 3(u)? No What is the chosen baseline period? 2005-2008 Did the installation operate at least one day in each calendar year in the baseline period? Yes Greenhouse Gas Emissions and Energy input from fuels | Total Direct Greenhouse Gas Emissions and Energy input from fuels | Total Direct Greenhouse Gas Emissions and Energy input from fuels | Result of installation level date for use in sheets "D\_Emissions" and "E\_EnergyFlows": installation level date: | Unit | 2005 | 2008 | 2007 | 2008 | 1761 | 2008 | 2007 | 2008 | 1761 | 2008 | 2007 | 2008 | 1761 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 2008 | 2007 | 20

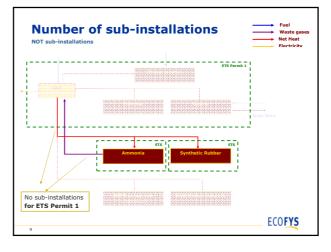


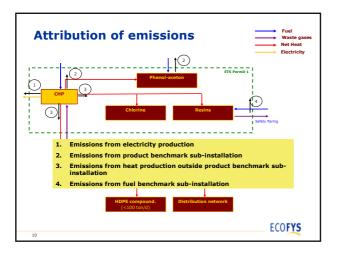


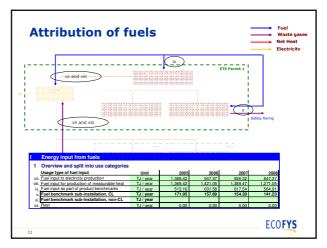


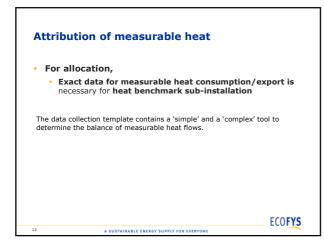


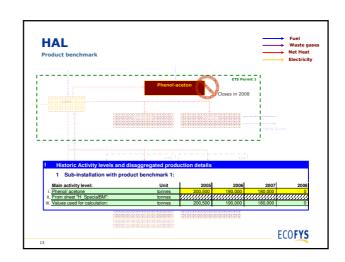








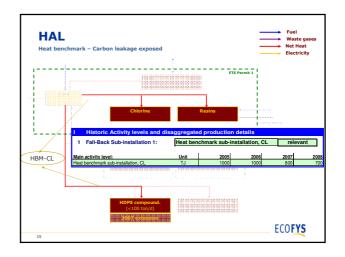




## HAL - how to establish

- In this example the production stops 1st of January 2008. Significant capacity changes in the period between 1-1-2005 and 30-6-2011 impact the HAL. Is there a 'significant change in capacity' in this case?
- No. Because there **is NO** physical change in the installation and therefore the 'change in capacity rule' does NOT apply.
- However, partial cessation of operations will apply (article 23, 2.) meaning that preliminary allocation will have to be changed as of 2013.
- So still: no allocation for closed sub-installation!

ECO**FYS** 



## HAL - how to establish

- In this example the HDPE compounding installation (<100 t/day) significantly increases production (but still <100 t/day) and associated heat demand. Is this also regarded as a significant increase of the heat benchmark subs installation?
- See guidance document 6, section 4.2:
  - In this example, the additional amount of heat is delivered by using existing spare CHP capacity without any physical change at the CHP.

Due to the absence of physical change at the CHP, this significant change of HDPE heat consumption does not constitute a capacity increase of the HBM-CL sub installation. Therefore, standard calculation of HAL: median values of the annual historical activity levels in the baseline period ECOFYS A SUSTAINABLE ENERGY SUPPLY FOR EVERYONE

