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**Ronald Piers de Raveschoot**  
*Policy Officer*  
*Energy Efficiency*  
*Directorate General for Energy*

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**CEMEP Topic: Industrial revolution until 2025: the culture of “new” for the 1st day**

## **New Regulation for Motors and Drives and perspectives for an Extended Products Approach**

### **Abstract**

Ecodesign is a key instrument in supporting energy efficiency and decarbonisation policies in the EU. Electric Motors have been regulated under Ecodesign since 2009 and the regulation has achieved a significant market transformation towards more efficient motors. It results in global energy savings as well as lower energy bills for motor users. The regulation is being revised with a view to render it more effective and to capture new energy savings, notably for smaller motors that are not covered by the current regulation, and also for very large motors and other types of motors that are not yet regulated. For the motors in scope, requirements are reinforced. It is also the intention to regulate the performance of variable speed drives. These proposals will provide appreciable additional energy savings, which are however smaller than the savings already generated by the current regulation. How could Ecodesign expand and capture energy savings that go beyond the product itself: this is the challenge raised by the extended product approach. To which extent is ecodesign suited for such an approach, which instruments would be suitable to capture a greater share of the energy savings potential at system level ? The presentation will outline the latest thoughts of the Commissions services on the matter.