

Summary – short description of the top 3 EU wishlist

(for in case this proves usefull for the project finalisation)

1 –

Make sure cascading and use of waste heat from fossils count on all levels. If not, someone in the chain will not join in and thus will frustrate the whole idea of system efficiency. Counting in final energy use effectively blocks the smart options of cascading and the use of waste heat from fossils. Promoting renewables should be paralleled by promoting cascading and promoting waste heat use, regardless of it's origin.

2 –

Make sure common funds become available for heat networks. Heat is not a local or national matter that can do without EU intervention. If we want a free energy market that engages in a transition towards sustainability, we need heat infrastructure. Heat infrastructure is needed to become more eneregy efficient over the whole system. Single (market) parties can nether organise, nor finance the infrastructure. If left to market conditions, only the cherries will be picked and the rest of the viable potential for cascading, waste heat use and geothermal energy will not materialise. Long term return on investment and risk reduction are key factors. Even national governments hesitate to invest. Either for fear of EU 'unqual competition' claims, and/or because their own (political) horizon proves short.

What SAFE ICE project could organise itself, already, is to check the Juncker plan achitecture to see if it suffices, or needs adaption, or supportive side actions of some kind, in order to get money into the business.

3 –

Make sure energy in general gets more attention in IPPC and in the BREFs - which are the main sources for a level playing field set of prerequisites for industry. Especially energy saving through external integration is a totally non-existing topic. Loss of exergy in industrial processes should get attention, potential that is lost without use should be a prime subject. Not every industry has the same potential to either provide others, of be provided witht cascaded, or otherwise low-quality energy. It should be imperative to study these options and to provide the relevant data to authorities at least, so that others can
zorg voor een goede integratie van het energiebeleid van de EU in de eisen van de EU aan bedrijven:
zorg dat IPPC en BREFs de strategische energieagenda volgen en daar uitwerking aan geven.