

**SET PLAN Ocean Energy**  
**French position following the**  
**SET Plan bureau Steering Group Meeting of July 12<sup>th</sup> 2016**

1. Ocean energy technologies

France believes it is important not to forget OTEC and salinity as we consider these technologies have potential in particular for export market or EU overseas territories. Therefore we should keep some support for R&D in these technologies for several reasons :

- the maturity of salinity and OTEC technologies is too weak to affirm yet that there are on a long term perspective less relevant in Europe than tidal and wave ;
- salinity could cleverly be combined to water desalination plants which number will drastically increase throughout the world during next decades. This may stimulate cooperation with relevant countries outside the EU ;
- an OTEC potential has already been identified among European overseas islands and on a longer term basis could also be relevant in the Mediterranean sea.

Moreover, we consider there is a potential export market for these technologies and therefore we suggest to use the same wording as for Offshore wind (floating) referring to "improve the European position in the global market".

2. Focus on LCoE as an aggregated target

LCOE is of main interest in order to consider the potential development of a specific technology and this explains our position that it should stay the main criterion of competitiveness and targets. We could suppose that reliability and survivability that are also important condition partly the LCOE and thus are included in it.

Moreover, in order to evaluate accurately the potential of a technology it is also interesting to take into account the capacity factor and availability. We believe it is necessary to distinguish them for each technology. This necessary work could be carried out by the TWG after endorsement.

3. Level of the the targets

It is important to keep ambitious targets if one wants ocean energies to concern a growing share of renewable energies in Europe. Indeed, currently onshore wind and solar PV are more and more competitive and may reach market price on a longer term perspective. Thus, it is important to maintain ambitious LCOE targets to stimulate European R&D and member State programs on ocean energy.

4. Role of the Ocean Energy Forum

Additional work will need to be addressed in depth by the TWG to be set up after endorsement of the Declaration of intent. The relevant actions included in the Ocean Energy Forum roadmap together with those from the Set Plan Integrated Roadmap may be considered as a good basis for these future discussions.

5. Volumes for deployment

France welcomes the final evolution of the draft during the 12<sup>th</sup> of July steering group meeting when we understand that no detailed figures and targets for deployment of installed capacities will be kept in. We consider the link between the decrease of LCOE and the installed capacities is sufficiently and explicitly described further in the text.