

OFFSHORE WIND ENERGY IN SOUTHERN EUROPE: Building capabilities through ipa powered project

Guide lines - Method of construction and management of wind plants



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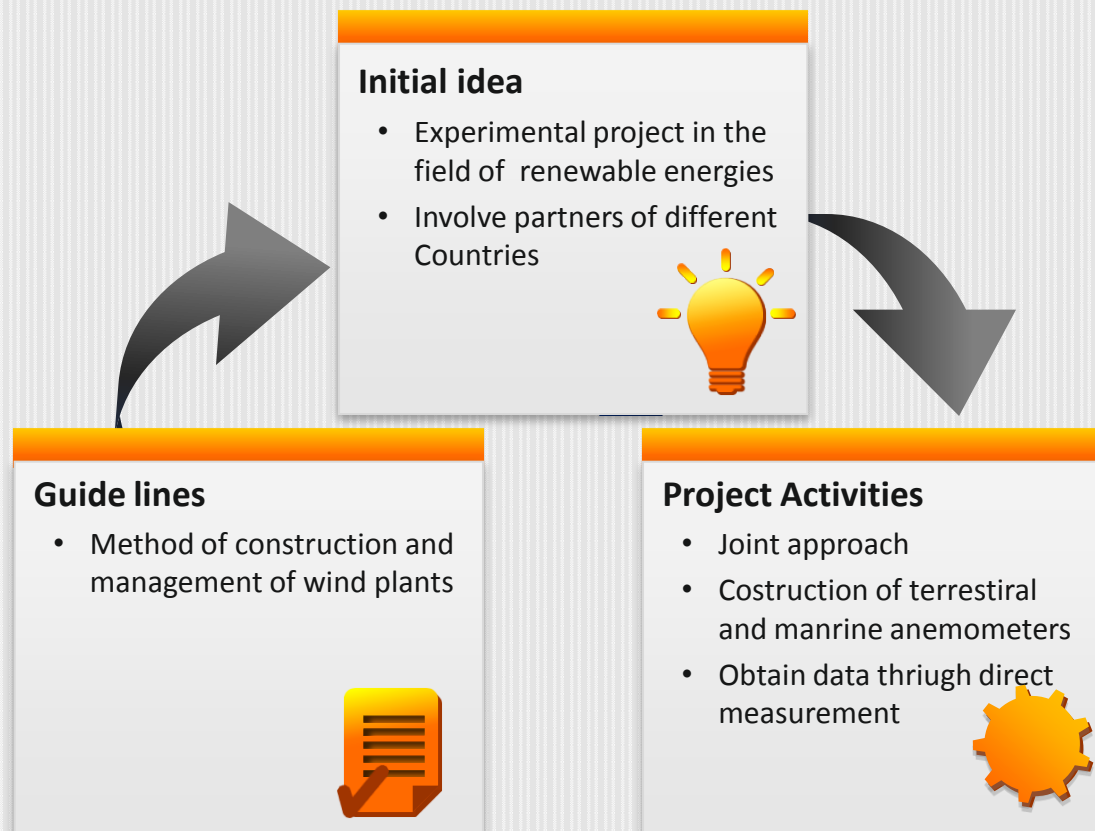
RIO+20
Conferência das Nações Unidas
sobre Desenvolvimento Sustentável

Antonio Sorgi – Regional Director and project responsible
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POWERED – The idea





Expected results

- drawing up of a common document stating a list of steps needed to set up a model of development in off-shore wind energy. The procedure will take into account all aspects of the process, starting from the selection of the most apt technologies to the planning of growth strategies of the areas involved.
- detection of crucial points relative to environmental, regulation and energetic policies issues that would allow the individuation of: proper areas suited to host new wind-farms; all the marine infrastructures needed at the purpose
- definition of common guidelines for the installation of off-shore wind farms. Particular care will be given to regulations that new installations are to obey with the intent of giving investors and engineers all the informations needed to better proceed in their duties.



- This phase is a strategic role because it is at its internal that should be created and consolidated all those common objectives of economic policy and environmental preservation among the involved Countries. The final step of the project will consist in the utilization of the results coming from the previous phases for the creation of the Guideline, that it should be a good practices manual that allows a suitable approach to the project development. But, in parallel, all the Countries involved will have to identify all the clear and shared procedures of authorization that allow to the operators of the energetic sector to make operative the project in short time



Guidelines - Environmental aspects.

- In this phase will be defined and confined all the areas that, with a common agree, will be not included in the off-shore wind installation.
- It will be also indicated the criterions to operate in areas defined “critical” for the in- stallations. Will be elabo- rated good practices for the environmental designing in order to support the inves- tors.



Guidelines - Energetic and infrastructural aspects.

- this phase will be defined the energetic parameters that it should be reached for optimizing the utilization of the off-shore and wind resource of each partner. At the same time, each partner will cooperate for the definition of a development and planning programme of the electric and transport infrastructures with the aim to favour the realization and introduction works into the network of the wind off-shore plants.

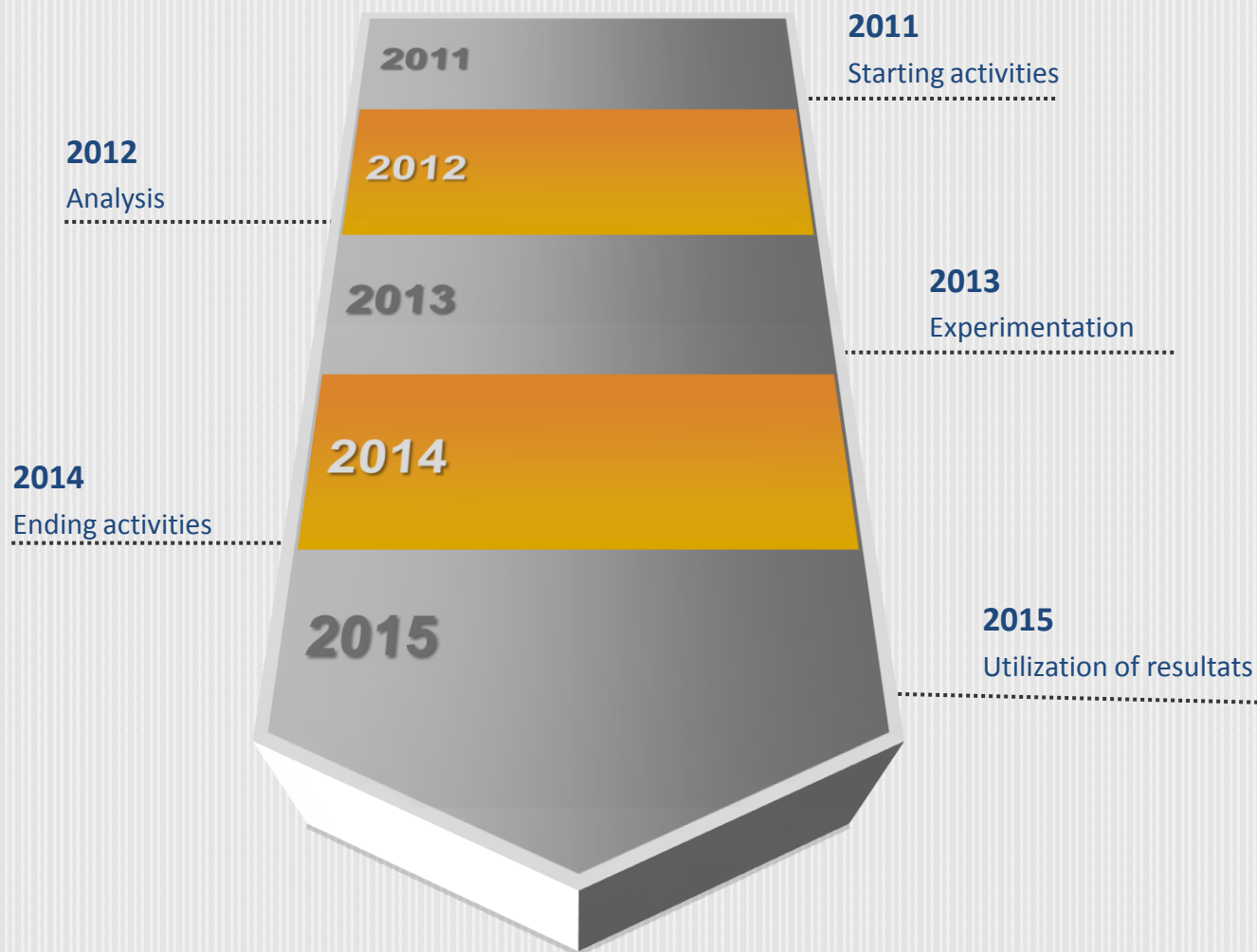


Guidelines - Normative aspects.

- It is the most critical phase, because from the previous actions it will be originated the procedural indications for the realization of wind offshore plants in the Adriatic Sea.
- But, at the same time, the definition of the procedures will modify the suggestions from the previous points.
- It is with a progressive “trial and error” procedure that it will have a real shared line of authorization.



General timing



Notes

Thank you for
your attention

Notes

Antonio Sorgi

Project Responsible

+39 335 321425

antonio.sorgi@regione.abruzzo.it

www.powered-ipa.it