



Newsletter 01
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TECHNOLOGIES AND PRODUCTS FOR OIL & GAS SOLUTIONS IN MARINE ENVIRONMENTS

Oil and oil related products extraction costs are continuously increasing, as extraction conditions in oil and gas wells are getting each time harsher and more demanding.

During the last five years, big international oil and gas producers have strategically moved towards the exploration and production in non-conventional environments (deep and subsea wells): during this time, more than 50% of new oil wells were discovered in subsea environments.

Huge temperature and pressure conditions are the norm in these operations: in a 3000 m well conditions may reach 140°C and 450 bars, while in a 6000 m well, 200°C and 900 bars are usually found.

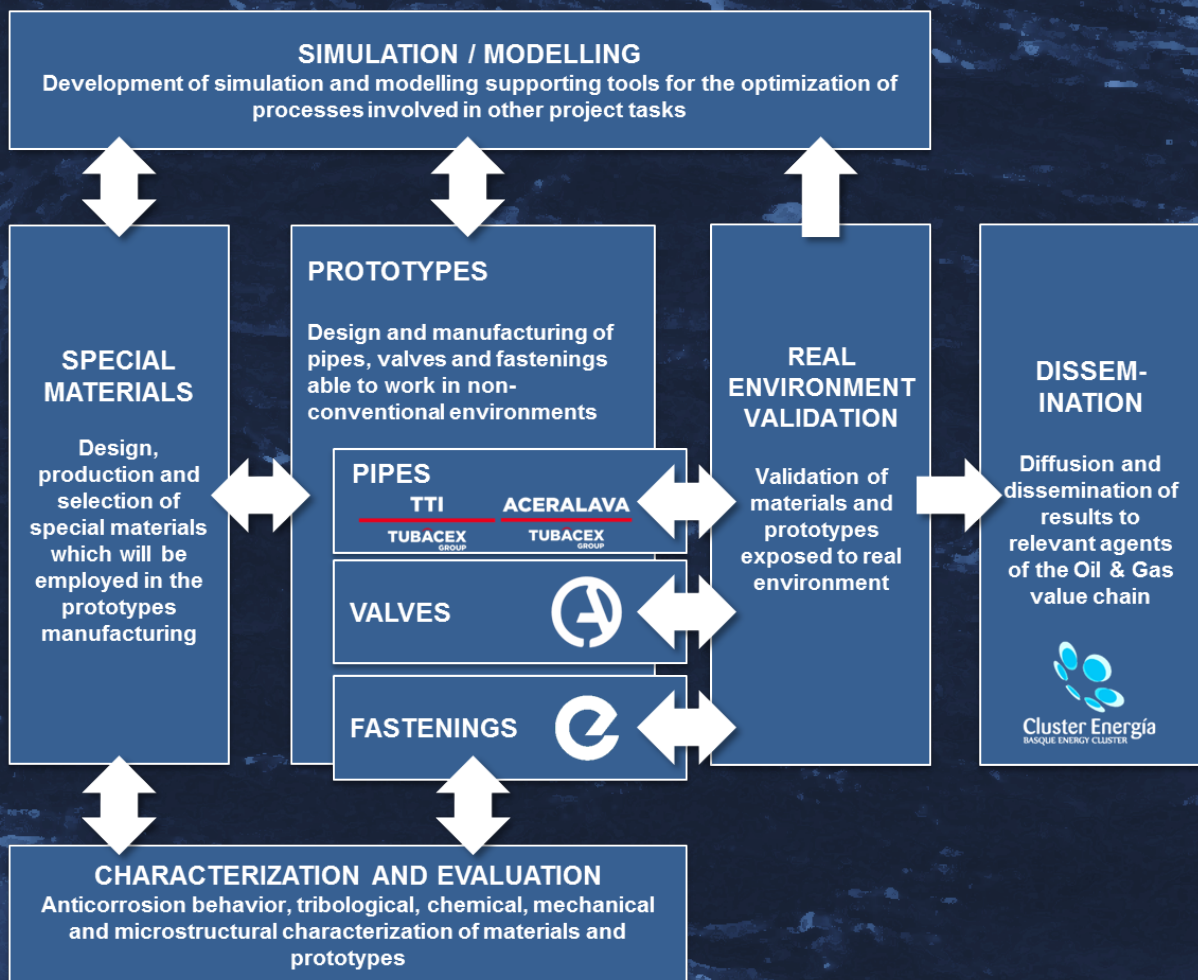


High corrosion rates, high pressure and temperatures, and the presence of CO₂, H₂S, organic acids and salts represent a huge technological challenge, which leads to an increase of the use of weldless alloyed pipes, valves and fastening components, instead of other products with a lower added value.

AMBAR project is the answer of a group of oil and gas related Basque companies, with the ultimate objective focused on the development of new technologies and products for oil & gas solutions in marine environments. AMBAR project is intended to allow these companies to improve and strengthen their technological and commercial position in this sector and thus achieve a remarkable forward leap in the market.

AMBAR project will generate a novel offer of high performance and high added value products optimized to be used in the exploration and production of oil and gas in non-conventional environments, such as pipes (umbilicals and Subsea Umbilicals Risers Flowlines –SURF–), valves and fastening solutions.





Consortium



*TUBACEX, as AMBAR Project coordinator, has an international reputable leading position in pipes for oil and gas sector, while AMPO, ERREKA and Acería de Álava are experts in their respective specific products. As a result, AMBAR consortium covers the most relevant areas within **exploration and production of oil and gas in marine environments**.*

Players of the Basque Network of Science, Technology and Innovation



With the collaboration of



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