

Contact point: Joseba Bilbatua, MONDRAGON Corporation, jbilbatua@mondragoncorporation.com

[Green Moulding sand reclamation]

- Green Moulding sand reclamation for reusing it in the core manufacturing process or/ and in the moulding line. First phase: define the best technology (analyses before and after regenerating, comparing different technologies and regeneration process parameters). Second phase: defining the technical solution for the process. Third phase: implementation of the process and following up in order to maximise the use of regenerated sand (sand analysis, process and casting process checks,...)
- Expected synergies and complementarities:
Develop green sand reclamation process (machine development) and process validation (technology center)
- Outcomes:
Reduce/ eliminate wasted sand from iron foundries
- Market & Business opportunities:
The market will be all iron foundries in Fagor Ederlan + any other green sand process foundries. Opportunity is to reduce the new sand consumption (economics and not depend so much on sand suppliers cause in some areas natural sand resources are coming limited).
- Partners already identified:
[Please name the partners involved.]
- Wanted additional partners :
Machine producers (sand regeneration suppliers)+ technology centers (leading iron foundry process)

[Short Title Idea]

[Room for supporting diagram or picture if necessary]