

FOUNDRY EFFICIENCY

Is your foundry struggling to find the source of defects in the mist of untraceable processes and manual inputs?

The purpose of this project is to help the foundries understand the reason for metallurgical defects and to identify the source of them. In our Foundry Efficiency project we will analyse current procedures in the production of iron and to access if & how these are being used. Together with the foundry we take a structured approach to create new streamlined rules and procedures to be applied for different scenarios in production.



The aim of the project is to stabilize and optimize the metallurgical process to make it less sensitive and more responsive to variations. Summarized some of the aim are to:

- Streamline procedures in production
- Reduce the cost of charge
- Increase the flexibility of the production
- Reduce the metallurgical scrap rate
- Optimize additions of Pearlitizers

In this project we use advanced tools to analysing the current situation in production. During the project ITACA™ can be leased to the foundry and operated by its own staff.