

Our approach

With our background and experience spanning 20 years in minerals beneficiation equipment design, manufacture and supply, process design and project management, we recognize that end users and project owners have a need for both competent and objective assessment of the potential that lies in their resource.

At the inception stage of a project, usually a desk top study is done for a first assessment of the envisaged process. This will be followed by pre-feasibility and feasibility studies prior to engaging in the process of more detailed plant design. As the project progresses through the stages, its complexity increases and so does the requirement for multidisciplinary project support. This is the domain of project houses and EPCM contractors.

Having an experienced partner involved from the early stages of the project will help leading the project from the point of inception into the direction of highest economical returns. At EPRON Technologies, we are specialising in **adding value at the early stages of your project**. This is done through our long, multidisciplinary experience with many types of minerals, applications and equipment, and our highly qualified team, combined with a methodical yet practical approach to solving technological challenges.

Our approach will involve the following:

- Briefing by client: We will engage with you to fully understand your project, your business environment and the drivers for the project.
- Research: We will use a range of resources to obtain a full understanding of the desired process, such as expert knowledge, scientific literature, vendor expertise (“an hour in the library saves a day in the laboratory!”).
- Testwork: Selection and location of suitable test facilities. Important here is to consider that tests have to be done under representative conditions. This applies to a broad number of variables such samples used, scalability, skill and experience of test facility staff.
- Value proposition: Return on investment is key for the success of a project and technical feasibility must always be seen in the context of commercial feasibility.