Information on a successful application:

1) Describe your scientific or technological challenge or question:

Describe in a few simple sentences the technical problem you face in the field of materials science, which prevent you from improving, optimising and technically developing of your product/process. Also describe how it relates to other manufacturing or process steps.

2) What results do you expect?

Which results (measurement results, interpretations,...) would be helpful for you to achieve an improvement / further development of your product. What could help to solve or improve the problem described above? Try to describe your expectations as concretely as possible. How will the experimental design described below help to shed light on your problem and possibly solve it?

3) Describe the planned experimental steps and the necessary scientific equipment:

Which concrete tests are to be carried out and which sample preparations are necessary for this. Describe the samples you can provide for the measurements (number, quantity, size, physical state, composition,...).

Also name the scientific measuring instruments required. The use of different measurement options from different partners is desirable, as this improves the network character. Possibilities for sample preparation and the necessary know-how are available to carry out a correct sample preparation and to guarantee successful measurements.