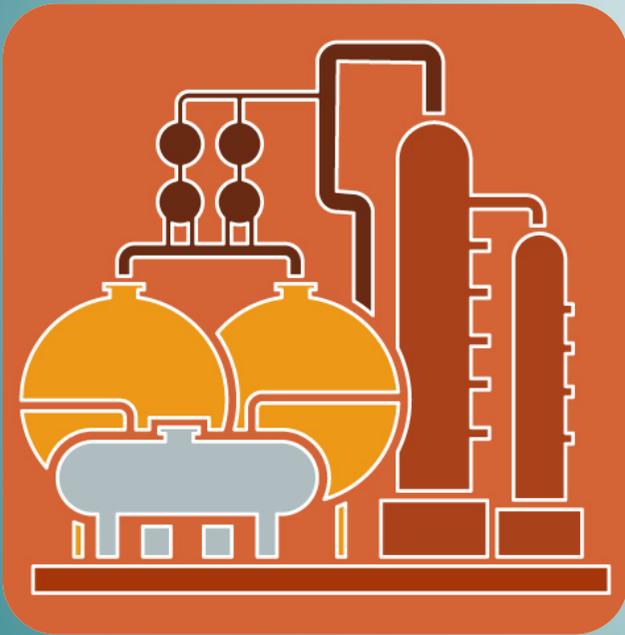


Chemical Process Design / Diseño de Procesos Químicos

Oral Presentation. Guidelines for oral presentation



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Guidelines for Oral Presentation

The oral presentation has to summarize the contents of the 3 memos. There will be a time limit of 8 minutes for the presentations that will be strictly enforced. There will be 6 additional minutes for questions and answers. You should use no more than 6-7 slides and cover the following points (not necessarily in this order):

1. Design group number or name and names of group members.
2. Flowsheet of proposed design. Highlight major points of the selected design, including major choices of equipment with main operating conditions.
3. Key technical indicators (e.g. overall conversion, recycle rates). Reason for the selected conversion & recycle rate. Main mass and energy balance conclusions.
4. Key economic indicators (e.g. NPV, investment, manufacturing cost), sensitivity analysis and economics.
5. Major remarks and recommendations. Opinion regarding project viability. Any specific design, environmental or safety concerns.

Guidelines for Oral Presentation

General issues to be considered:

Format: Concision, avoid overloading information, adequate font size and figure size, avoid tables with too much information, use multipurpose figures:

1. The scope of the presentation is the global project (3 Memos) so it should not focus exclusively on any one of them (nor on the most recent one).
2. Show the discussion and the conclusions reached concerning the decision to continue or not.
3. Make clear the objectives pursued and the tools used in each case.
4. References (optional) must be discussed.
5. Clarify your Heat Network (HEXN): is it just equipment design, network design or heat integration?
6. Show an economic sensitivity analysis with different scenarios, both positive and negative.
7. We can learn from projects failures (e.g. due to economic reasons) in order to obtain better results in the future.
8. The combination of an effective presentation focused on convincing, together with the presentation of an elaborate discussion of results may be the key to success.