FEASIBILITY STUDY – GRAPHIC SUPPORT

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What?
Where?
Why?
What for?

Construction Project

How?
Where?
How many?
Why?
What for?
Who?
Who with?
How much?
**feasibility study**

**ASSIGNMENT**

- Introduction of the subject of the project. (What? What size? The main characteristics of the building.)
- Participants of the construction project (Who is the client? Who are involved?)
- Goals of construction project (political, economic, etc.)
- Target group (the expected users of the building)
- Costs of the whole construction project (estimated costs during the construction and the preparation period)
- Schedule of the construction project (milestones and time estimation for the main phases of the project)
- Circumstances of the construction project (legal and political environment)
- Technical information (site characteristics, options of the structural design)

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**Annex A** Mindmap for the preparation of the project;

**Annex B** Functional schema of the building;

**Annex C** Schedule for the whole project;

**Annex D** Cost calculation for the whole project;

**Annex E** Site plan for the construction.
**graphic support**

- easier way to demonstrate complex things
- verbal / visual communication – different sides of the human brain
- graphic patterns, signs + a few words

![Diagram](image)

- basic elements similarly to the verbal text

**basic patterns**

- bubble chart
- areal figures
- matrix
- network
Visualization (samples)

Bubble diagram

Matrix - graph

Organigram

Areal figures – diagrams (samples)

Diagram types – way of use

• Cake chart
  – distribution

• Bar chart
  – comparative analyses

• Graph
  – procedures
  – change in time

• Ms Excell, OpenOffice Calc
visual network – time plan (sample)

visual matrix / network (samples)

visual network e.g. decision-tree

possible consequence A

possible consequence A1

possible consequence A2

possible consequence B

possible consequence B1

possible consequence B2

visual matrix e.g., catalogue
bubble charts (samples)

- building sketches
- mindmap
- drawings for functional analyses

mindmap

What is mindmap? How it has been developed? What aim it is for?

- history...
- use of mind map (procedures in human brain)
- spread
- rules of mindmapping, types (formal, informal)
- freeware programs
functional analyses

Functional analyses:
The relation of the rooms of a building - independently from the structures – 0. phase of the planning process

room list -> diagram (mindmap)

functional analyses (sample)
sources

- Mind map. www.wikipedia.hu 2008-02-10
- Nyíri Kristóf: *Képi jelenlét és mobil kommunikáció.*