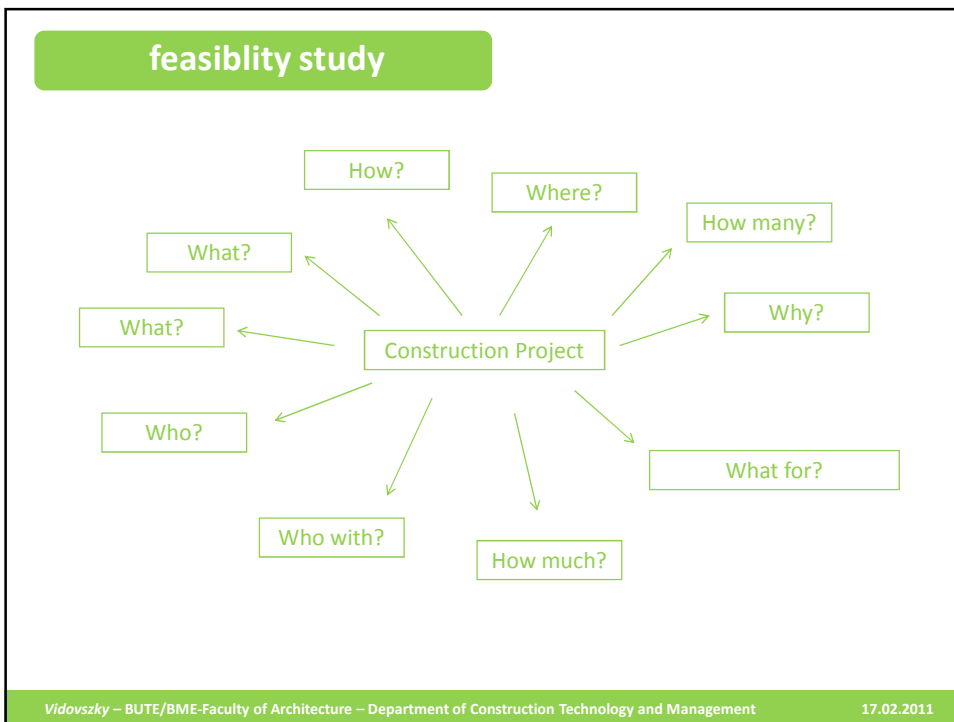


FEASIBILITY STUDY – GRAPHIC SUPPORT

Vidovszky István PhD



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)

feasibility study

ASSIGNMENT

Annex A Mindmap for the preparation of the project;

Annex B Functional schema of the building;

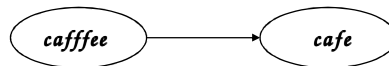
Annex C Schedule for the whole project;

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 word

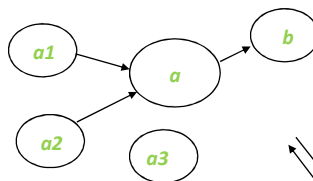


- basic elements similarly to the verbal text

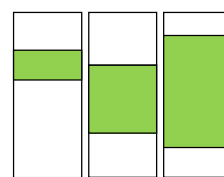


basic patterns

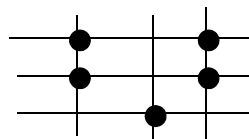
bubble chart



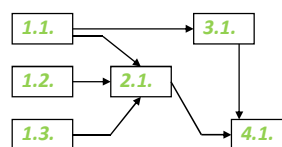
areal figures



matrix



network



complexity
informality

visualization (samples)

bubble diagram

matrix - graph

pyramid

organigram

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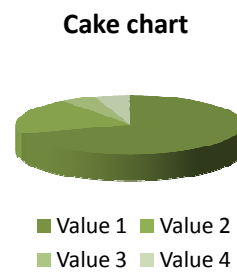
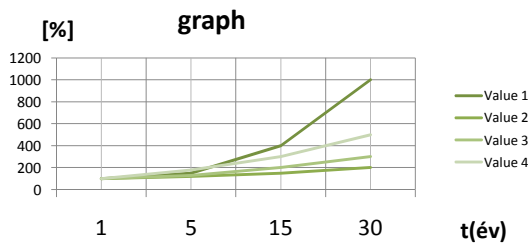
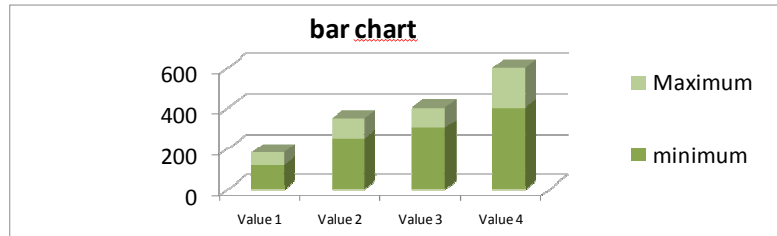
areal figures – diagrams (samples)

Diagram types – way of use

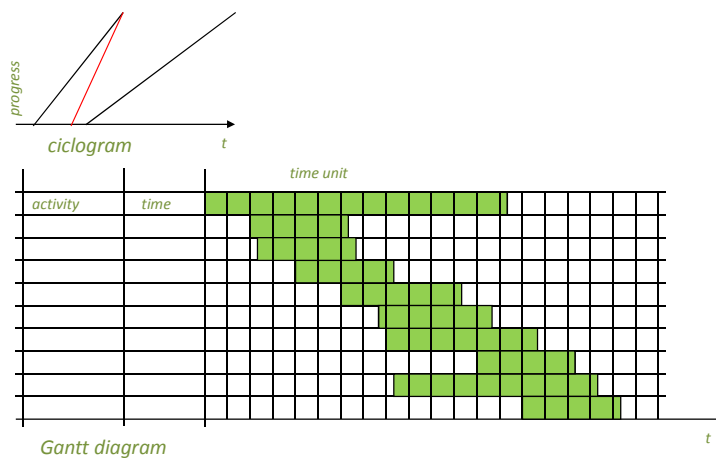
- *Cake chart*
– distribution
- *Bar chart*
– comparative analyses
- *Graph*
– procedures
– change in time
- *Ms Excell, OpenOffice Calc*

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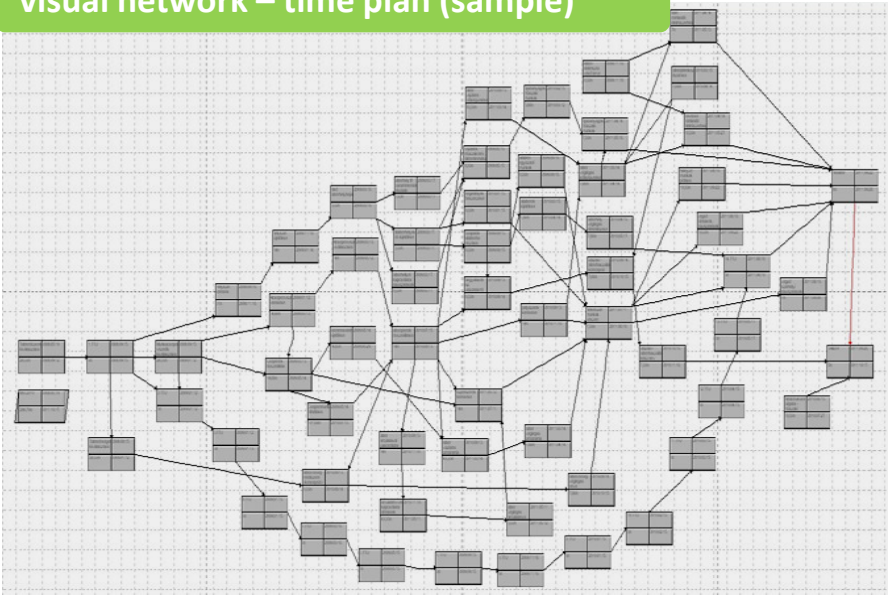
areal figures – (samples)



areal figures - schedules (samples)

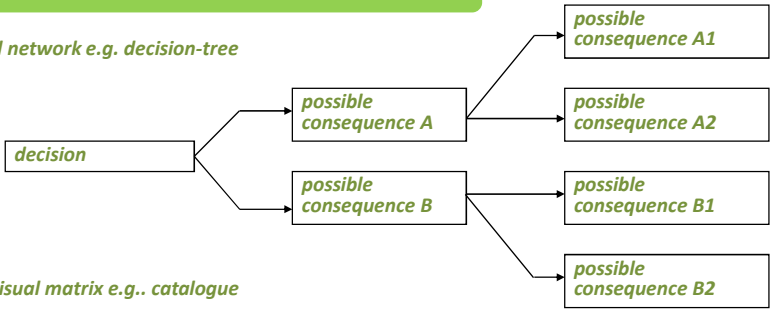


visual network – time plan (sample)



visual matrix / network (samples)

visual network e.g. decision-tree



visual matrix e.g.. catalogue



bubble charts (samples)

- *building sketches*
- *mindmap*
- *drawings for functional analyses*

mindmap

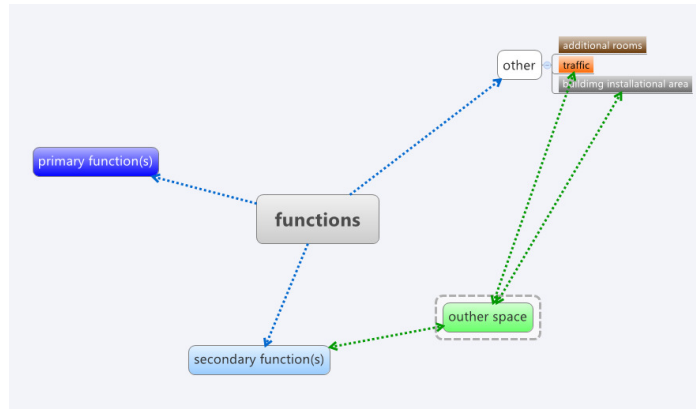
What is mindmap? How it has been developed ? What aim it is for?

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

functional analyses

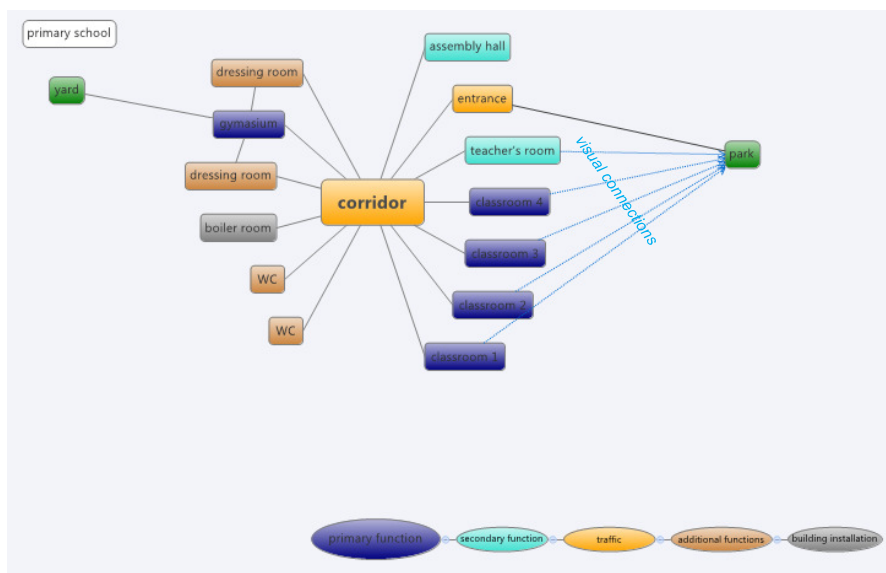
Functional analyses:

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

- *Engineering Project Management.* (szerk: Smith, Nigel J.) Második kiadás, Blackwell Science, Oxford, Ames, Melbourne, Berlin, 2002, p.382
- Gaál Zoltán - Szabó Lajos: *Segédlet a projektmenedzsmenthez I. Megközelítések, felfogások, koncepciók.* Veszprém, Veszprémi Egyetemi Kiadó, 2002, p.102
- Gyarmathy Éva: *Gondolatok térképe.* In: *Tanítani*, 2001, 18-19. pp.108-115
- Mind map. www.wikipedia.hu 2008-02-10
- Nyíri Kristóf: *A gondolkodás képelmélete.* <http://mek.niif.hu/00500/00587/html/index.htm> 2008-02-20
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