spring semester 2018

- ⇒ Overview : PM Coaching for «Project Work»
- ⇒ Work Orders and Internal Management & Reporting
- ⇒ Phase Reporting (Milestone Presentation)
- ⇒ Project Documentation

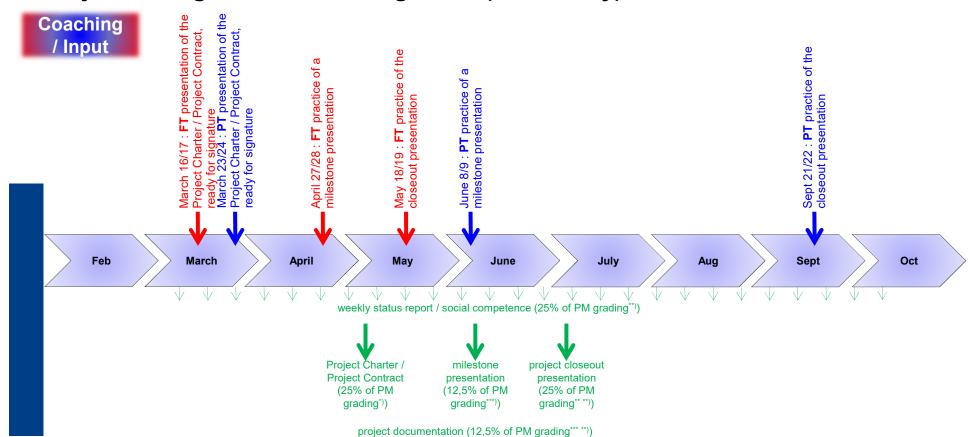
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#### **Overview**

### Deadlines given by our University (identical to the guidelines from Felix Strebel / Sophie Duttweiler)

	BIT (FT)	BIT (PT)
kick-off-event in Basel (mandatory)	Sat, March 3, 2018, 8:15 a.m.	
contact with supervisor and client (organization of the initial meeting)	by Mon, March 5, 2018	
initial meeting with client (participants : student group, client and supervisor)	by Fri, March 9, 2018	by Fri, March 16, 2018
presentation of the Project Charter / Project Contract, ready for signature (mandatory)	Fri/Sat, March 16/17, 2018	Fri/Sat, March 23/24, 2018
Project Charter / Project Contract signed (kick-off client's perspective)	by Fri, March 23, 2018	by Fri, April 6, 2018
practice of a milestone presentation (mandatory)	Fri/Sat, April 27/28, 2018	Fri/Sat, June 8/9, 2018
practice of the closeout presentation (mandatory)	Fri/Sat, May 18/19, 2018	Fri/Sat, Sept 21/22, 2018
submission deadline	Fri, June 1, 2018, 12:00 a.m.	Fri, Oct 5, 2018, 12:00 a.m.
public management summary approved by client and FHNW-topic-expert (coach)	Fri, June 8, 2018	Fri, Oct 12, 2018

### **Project Management - Coaching dates (mandatory)**





central evaluation criterion: complete? suitable to achieve the project objective in a transparent according the Project Charter / Project Contract? Was the Project Charter / Project Contract entirely respected ? (if not : 0 points) (a CR, due to a planning error of the team results in a reduction of the grade)

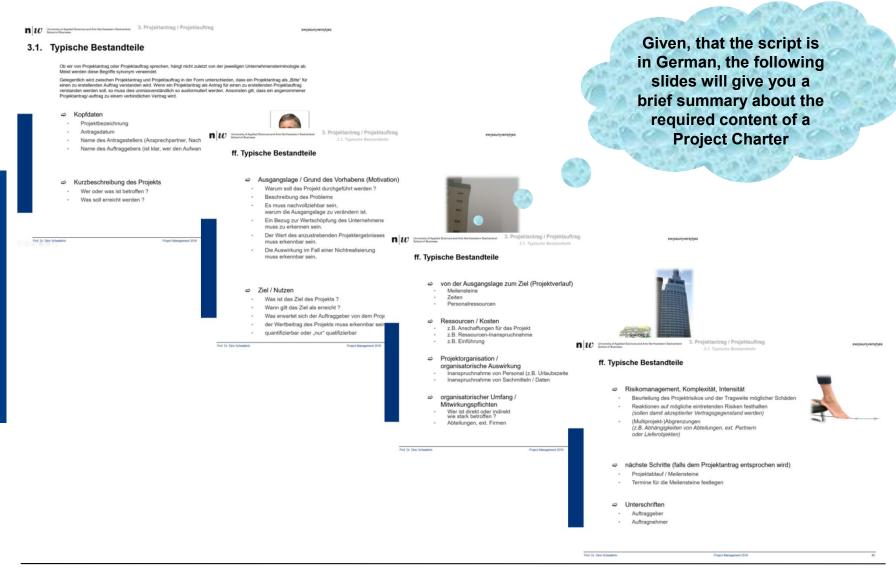
\*\*) \*\*\*) central evaluation criterion: suitable to support the achievement of the project objective?

central evaluation criterion: Was the status correctly presented and the client adequate informed?

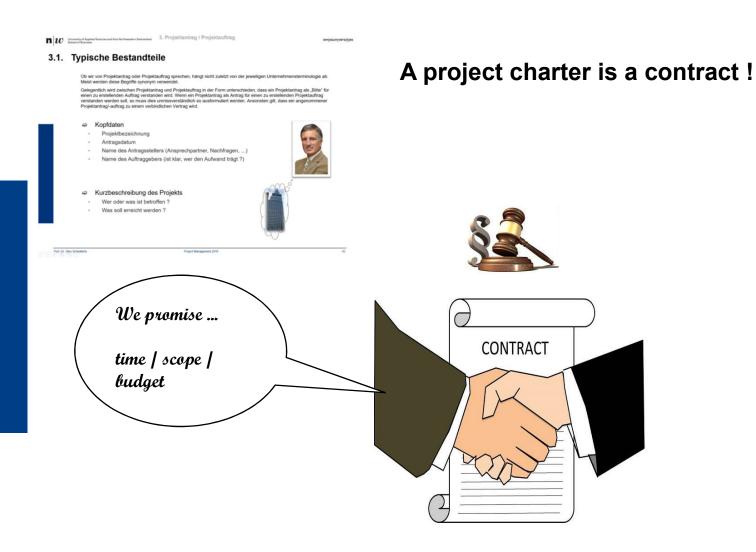
\*\* \*\*) central evaluation criterion: Was the achievement of the project objective clear? Is the project outcome adequate described?

- Project Charter / Project Contract / Contract, Project Scheduling and Risk Management
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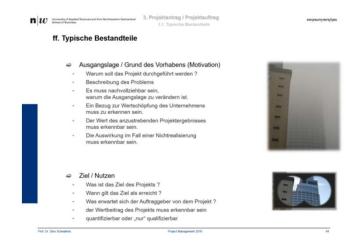
### Based on a contract, we will be in charge, to achieve accurately THIS objective!



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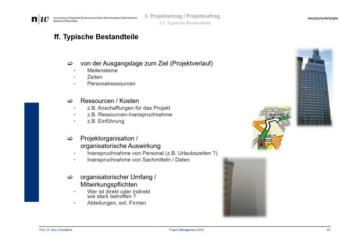
### We understand you!

- we understand your business model
- we can understand (agree on) and evaluate your problem in economic terms

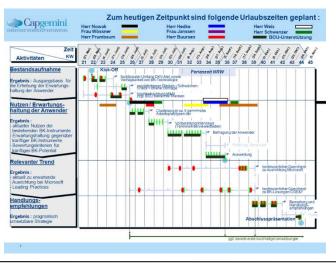
### We will create additional value for you!

· we know the value (in economic terms) of our deliverable

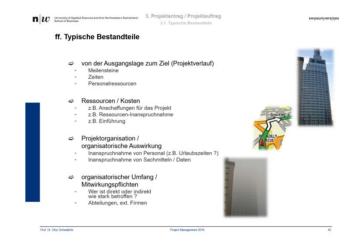
### Based on a contract, we will be in charge, to achieve accurately **THIS** objective!



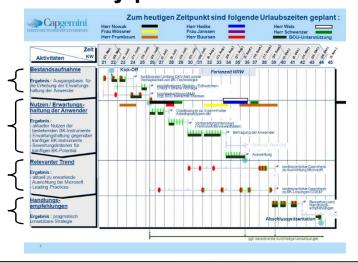
We agree on the way how we create this additional value for you!



### Based on a contract, we will be in charge, to achieve accurately THIS objective!



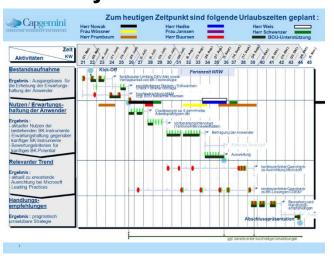
### We know the required results for every phase!



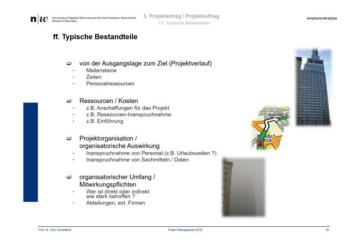
### Based on a contract, we will be in charge, to achieve accurately **THIS** objective!



### We know the required results for every week!

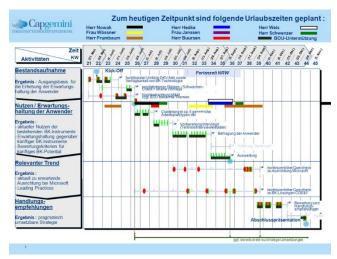


### Based on a contract, we will be in charge, to achieve accurately **THIS** objective!

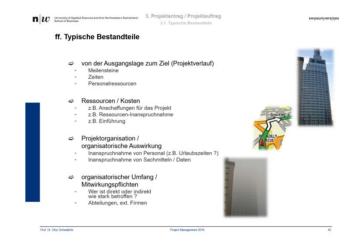


We know the required resources from our side, to achieve the weekly results!

-> budget



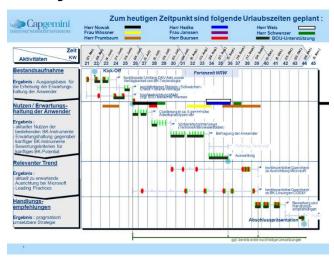
### Based on a contract, we will be in charge, to achieve accurately **THIS** objective!



We know the required resources from your side, to achieve the weekly results!

-> your project participation



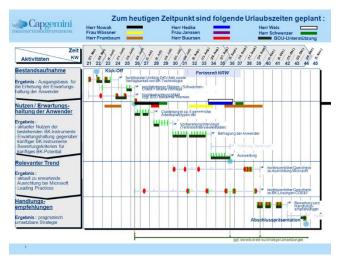


### Based on a contract, we will be in charge, to achieve accurately **THIS** objective!



We know all eventualities that can threaten the achievement of the weekly results!

-> risk management



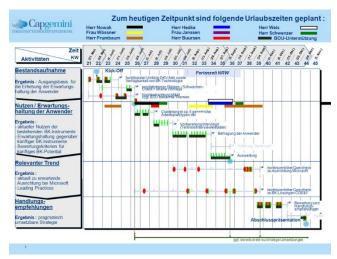
### Based on a contract, we will be in charge, to achieve accurately **THIS** objective!



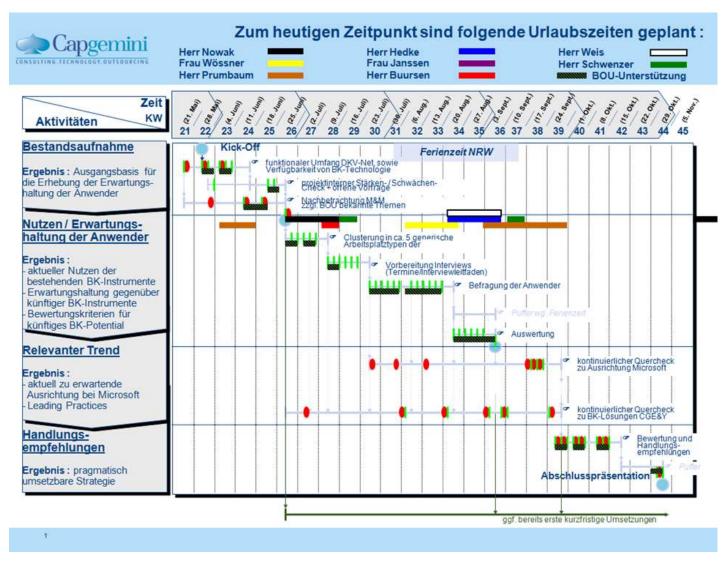
We describe all solutions to guarantee the project objective despite these eventualities!

-> risk management / avoidance

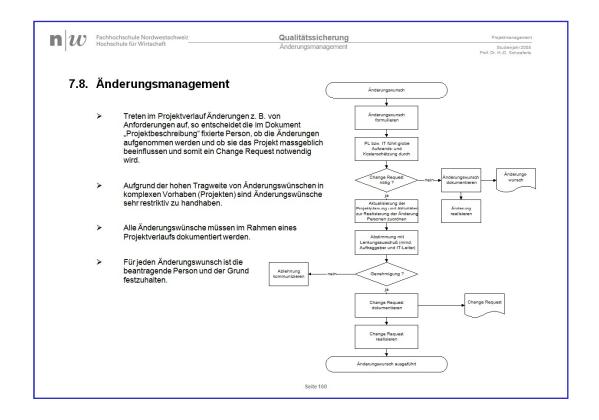




### ... just to see the example



# A signed Project Charter / Project Contract is a binding contract. Every change requires the approval of both parties.



#### Remark:

It is not the idea, just to insert a hardcopy of the script in the Project Charter / Project Contract. It is expected to agree with your client to an appropriate change request process and to document it.

- Project Charter / Project Contract, Project Scheduling and Risk Management
- Work Orders and Internal Management & Reporting
- ⇒ Phase Reporting (Milestone Presentation)
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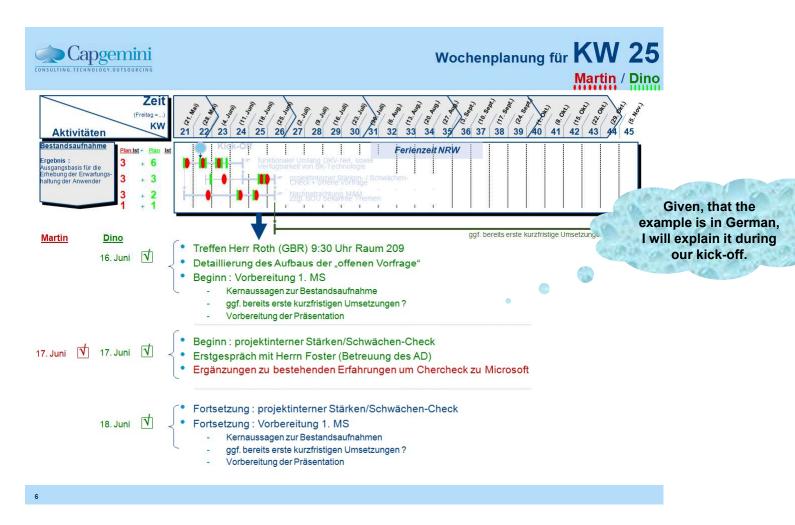
### We manage what we promise!

At the beginning of every week we verify that we will achieve the weekly result - and also achieve the contractually agreed project-goal (t/s/b)\*).

Every possible risk must be identified and treated in such a way that the contractually agreed project-goal (t/s/b) will be achieved!

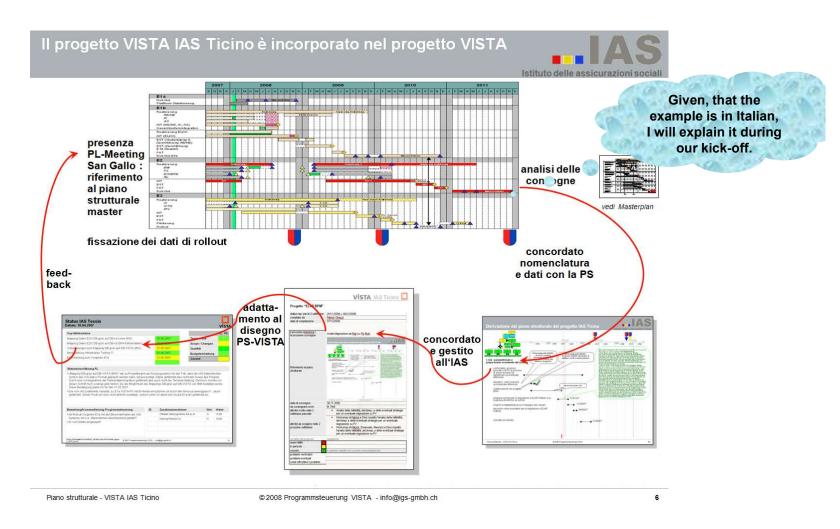


## To come from the understood problem to the committed objective, the project manager controls, who contributes what and when.



cont. To come from the understood problem to the committed objective, the project manager controls, who contributes what and when.

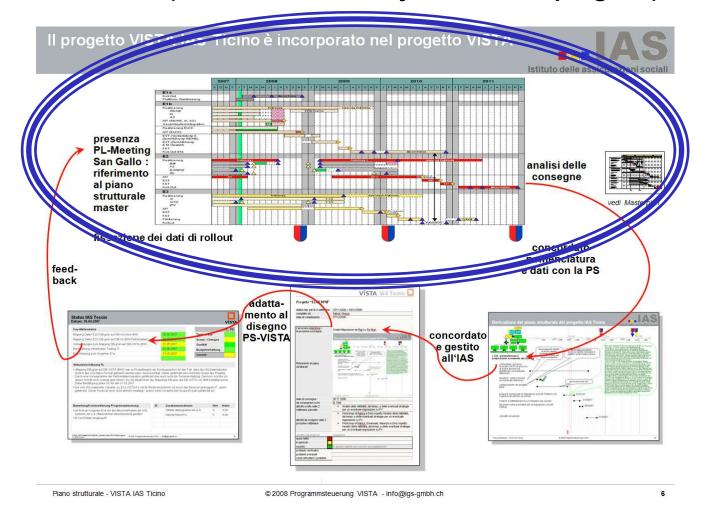
#### ... an example, integrated in a multi project - environment ...



source: consulting-example, covered in the lecture

... an example, integrated in a multi project - environment ...

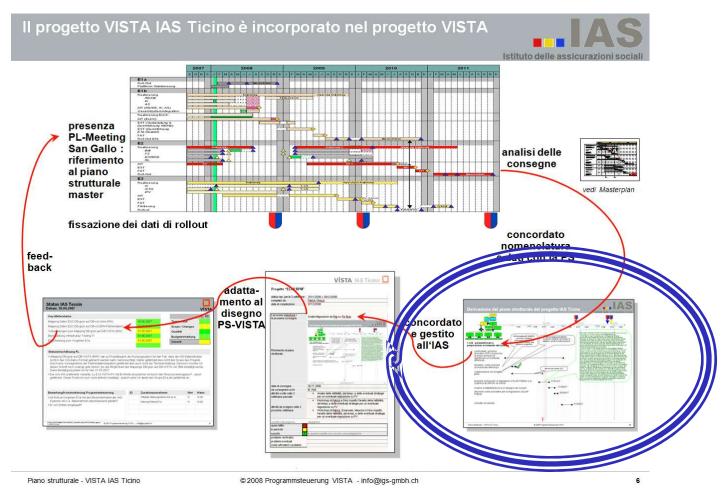
### a masterplan is already defined and binds all parties when and how to proceed and to deliver (contribute to the objective of the program)



source: consulting-example, covered in the lecture

... an example, integrated in a multi project - environment ...

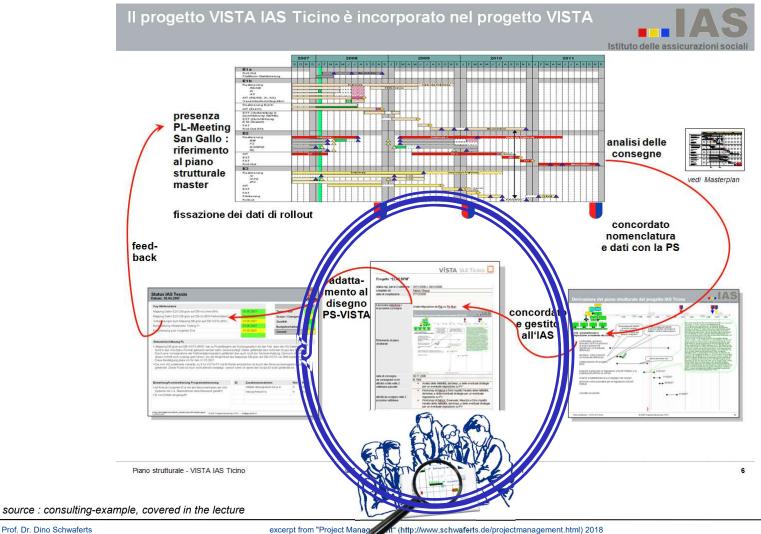
The deliverables of the embedded project are needed by the program. The possibility of a delay is a risk for the program. Therefore, we have to provide a constant transparency.



Prof. Dr. Dino Schwaferts

... an example, integrated in a multi project - environment ...

constant transparency regarding, tasks, work progress, results, risks, collaboration schedule, ...



### Please inform your coaches every week about the status of the project

- A weekly report is to be sent each Friday to 7.00 pm to the coaches.
- Part-time-students can send the report every 2 weeks.
  - ⇒ The primary message has to be that you will achieve the project scope in time!
    - Please align the wording for the project scope to the key-person you want to address.
  - Derived, what does this imply for the last timeslot you are now reporting (p.es. plan-activities and -events)?
  - ⇒ What was actually in the last timeslot you are now reporting (p.es. actual-activities and -events)?
  - ⇒ How is this to assess?
    - maybe including a short qualifying comment
    - quantified plan-comparison
    - quantified extrapolation of t/s/b
    - traffic light
      - green: "we are in plan and will achieve the project objective"
      - yellow: "we have problems to achieve the project objective but we can solve the problem."
      - red: "we have problems to achieve the project objective and we can <u>NOT</u> solve the problem!
        We need an intervention by the coach!
  - Risk management incl. all measures, required to achieve the project goal at 100 %
    - all problems that can not be justified in an exculpatory way, will be at the expense of the project manager (nevertheless, please avoid projection of guilt)
  - ⇒ What will be in the next timeslot, following this reporting (p.es. plan-activities and -events)?
- but, please, use a given form for the subject line of your mail to the coaches:
  - "green: weekly reporting, student\_name\_1, student\_name\_2, student\_name\_3, week 27"

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#### **Milestone Presentation**

### There has to be a justification for the attendance of the client!

It not enough to consume the time of the client, just because the university expects that.



#### **Milestone Presentation**

### examples ...

Message: "We are in plan.

Soon, you will obtain the expected added value."

convincing: "We know your responsibility and the adding

value of our project."

relation: "We build on your current state of knowledge

and know your available time."

conciseness: from the binding Project Charter / Project Contract

presenting the current status

to an extrapolation on the project objective (added value)!

Message: "We have a deviation from the Project Charter / Project Contract.

We suggest the following solution ..."

convincing: "We know your responsibility and are able to provide

the expected value despite the current deviation."

relation: "We build on your current state of knowledge

and know your available time."

conciseness: from the binding Project Charter / Project Contract

presenting and assessing the deviation

to a solution and assessment incl. Time / Scope / Budget - replanning

Message: "There is an emerging delay.

We need more co-operative performance."

 $\mbox{\sc convincing}:$  "We know your responsibility and are able

to compose the delay."

relation: "We build on your current state of knowledge

and know your available time."

conciseness: from the binding Project Charter / Project Contract

referring the contractually agreed co-operative performance

to a call for more co-operative performance incl. schedule proposal

Message: "There is a need for a decision.

We prepared the following basis for making decisions ... Accordingly the implications on the projects are ..."

convincing: "We know your responsibility and the adding

value of our project."

relation: "We build on your current state of knowledge

and know your available time."

conciseness: from the binding Project Charter / Project Contract

presenting the decision need incl. assessment of the options

to an extrapolation on the project objective (added value)!

#### **Milestone Presentation**

cont. every milestone presentation needs a clear storyline from the binding Project Charter / Project Contract, (p.es. presenting the current status, to an extrapolation on the project objective (added value))

#### ... another example ...



#### INHALT

- Ausgangssituation und Zielsetzung des Projekts e-kom
- Projektvorgehen
- Kurzwiederholung des Ergebnisses von Phase 1
- Ziel für Phase 2
- Vorstellung der Ergebnisse
  - Teilziel "Clusterung"
  - Teilziel "Vorbereitung Interviews"
  - Teilziel "Befragung der Anwender"
  - Teilziel "Auswertung"
- Die nächsten Projektschritte

source: consulting-example, covered in the lecture

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#### **Project Closeout Presentation**

### The project closeout presentation has to attest the fulfilment (added value) of the Project Charter / Project Contract (contract).

- also our practice of the closeout presentation is related to the key person of your client (please don't present for the university)
- in PowerPoint
- short and striking from the binding Project Charter / Project Contract to the added value
- describes the deliverable in a suitable form for the key person
- is a contractual element
- is a element of the grading by the university
- has to respect al guidelines of a scientific paper (creates new knowledge for the client)

Einführung in die

#### 1. Wirtschaftsinformatik 1.1. Was ist das, Wirtschaftsinformatik?



#### In der Wirtschaftsinformatik werden Erkenntnisse meist in Phasen generiert



z.B. Anstoss für einen Erkenntnisbedarf kommt aus der Wirtschaft

- Auftrag eines Unternehmens, ein Problem zu lösen
- Beratungs-/Projektziel definieren (Nutzen / Handlungsbedarf)
- Ausgangslage analysieren (Einflussfaktoren / Kriterien)
- "State of the Art" / Lösungsansatz zu diesem bzw. vergleichbarem Problem darstellen

deduktiv = vom Allaem zum Besonderen

z B : Der State of the Art zu diesem Problem wäre folgendes Vorgehen

+ nach Umfragen/Interviews ist die Ausgangslage in folgenden Punkten mit den Prämissen des State of the Art

=> im vorliegenden Auftrag ist folgender Lösungsansatz / folgendes Konzept empfehlenswert

Lösung entwerfen (z.B. Lösungsempfehlung deduktiv ableiten)

- Evaluation (Lösung anhand der zu erreichenden Kriterien)
- Diffusion (Ergebnis dem Auftraggeber vorstellen / verteidigen)

z.B. Anstoss für einen Erkenntnisbedar kommt aus der Wissenschaft

- Forschungsauftrag / Thesis Dissertation
- Forschungsfrage definieren (Nutzen / Gestaltungslücke)
- Rahmenbedingungen analysieren (Einflussfaktoren / Kriterien)
- "State of the Art" / Literaturreview zu diesem bzw. vergleichbarem Problem darstellen
- (z.B. Forschungsfrage deduktiv beantworten
- Diffusion verteidigen)

- Lösung entwerfen
- Evaluation (Lösung anhand der zu erreichenden Kriterien)
- (Ergebnis publizieren /

deduktiv = vom Allgemeiner zum Besonderen

- z.B.: Der Literaturreview bestätigt, dass unter folgende Rahmenbedingungen folgende Aspekte erwartet werden
- + nach Umfragen/Interviews bestätigen sich diese Rahmenbedingungen in diese Gestaltungslücke
- => zu der vorliegenden Forschungsfrage kann aus den zu erwartenden Aspekten folgendes Modell / Konzept erarbeitet werden

Prof Dr Dino Schwaferts

Folie 22

Schwaferts, Einführung in die Wirtschaftsinformatik, 2010, S. 22 (www.schwaferts.de)

Academic Services, Harvard Citing References (www.schwaferts.de)

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#### **Project Documentation**

# please keep constantly your project documentation / project site on track

- the requirements for a project sites are explained in the script :
  - overview on the project
  - contractual documents (Project Charter / Project Contract, approved change request, decisions, ...)
  - project plan, current events
  - organizational issues, lists
  - controlling of time/scope/budget
  - ❖ risk / quality management
  - reporting
- please remember to distinguish between an internal and external project documentation
  - The requirements for the internal project documentation are mentioned above.
  - The external project documentation is a subset of the internal and will be prepared/created bevor handing it over to the client. All internal communication (maybe including risk handling) is to remove.
  - main objective of the external is to attest the fulfillment of the Project Charter / Project Contract (contract)



#### **Project Documentation**

# please note the submission deadline for your project documentation

- - please create one single PDF-file for the internal project documentation and one single PDF-file for the external project documentation
  - please poste both files on the indicated day latest 12.00<sub>am</sub> (mid-day) to the indicated moodle site (you receive the link from Mr. Strebel)
  - please mail both files on the indicated day latest 12.00<sub>am</sub> (mid-day) to both of your coaches (Dino Schwaferts and your selected topic expert) (If you have mail-box-size-limitations please find another way to hand in the file [usb-stick, or dropbox, or ...])
- ⇒ please have a look on the transparency and legibility of the final PDF-File.



