

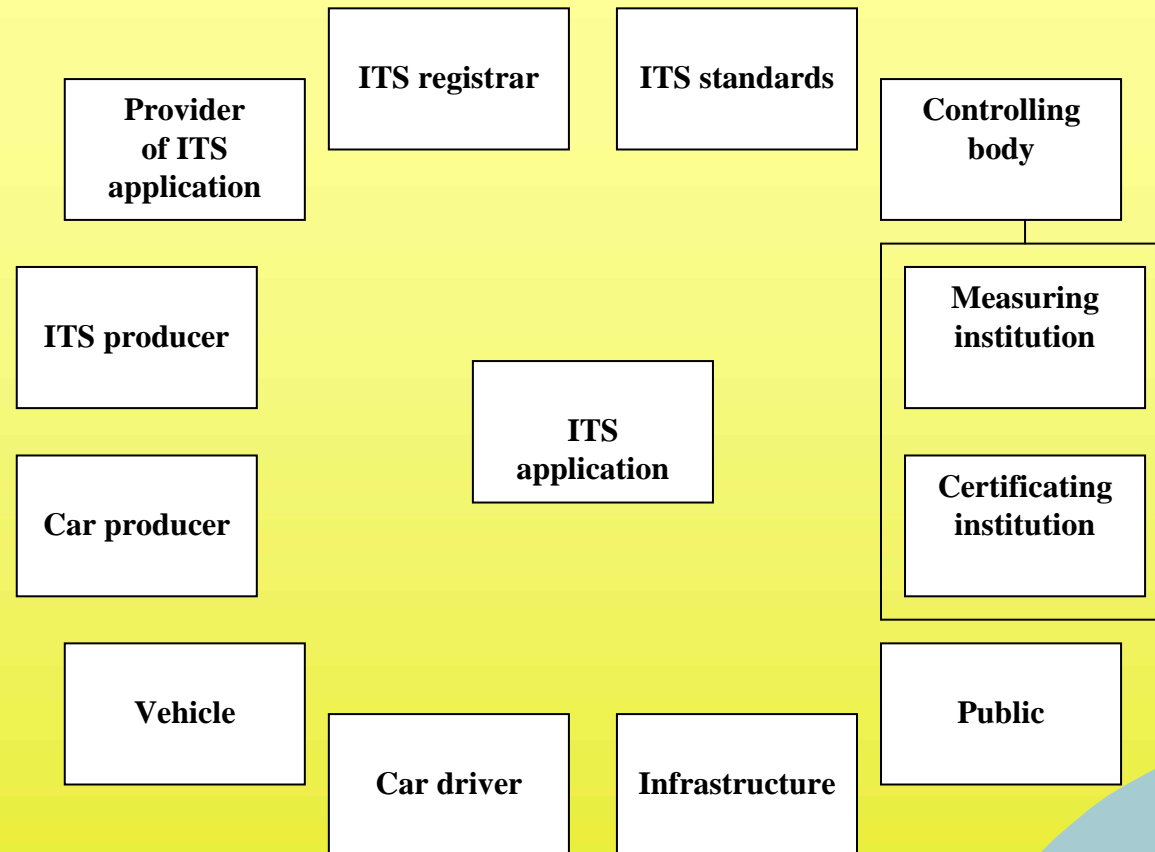
Environment, Evaluation and Questions to Answer

***HUMANIST meeting
Santorini
June 13th-14th, 2005***

Overview

- A) Environment of the Evaluating process**
- B) Scheme of the Evaluating process**
- C) Questions to answer**

A) Environment of the Evaluating process (1)



A) Environment of the Evaluating process (2) Tasks

To complete:

- Described environment

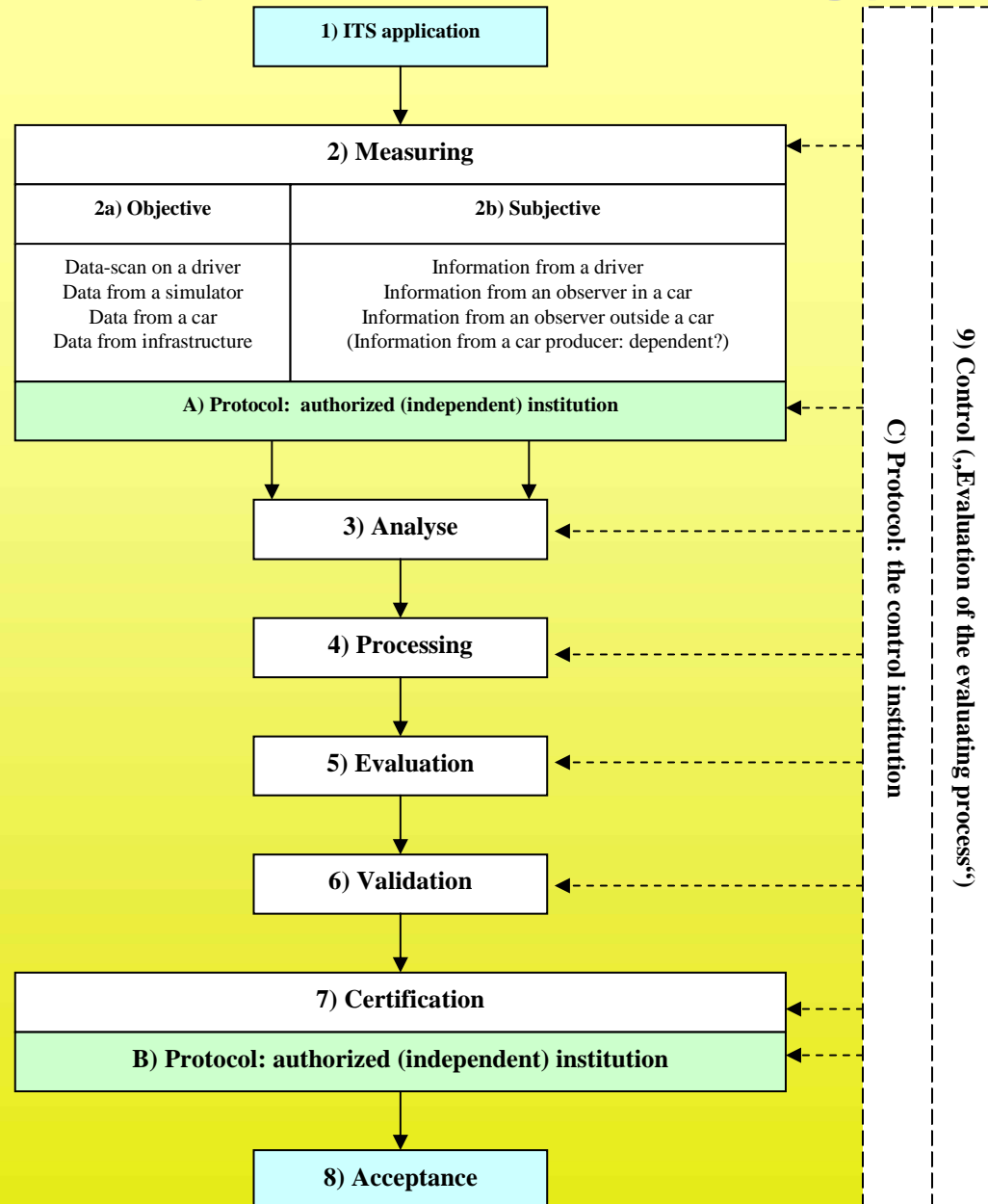
To define:

- Roles and its profile
 - Responsibilities
 - Powers
- Relations among the roles

To prevent:

- Deficient description of roles
- Roles overlapping
- Deficient relations
- Multiple relations

B) Scheme of the Evaluating process



C) Questions to answer To the Measuring (1)

How to measure various ITS application?

- By various measures sets depending on the type of ITS application?
- How to decide what type needs what measures?
- By stable measures set?
- Should the set content only objective or subjective measures?
- Should the set content both objective and subjective measures?
- What is the minimum of used measures – is it possible to use only one?
- How to define circumstances and statistical minimum to ensure the acceptable probability of the measuring?
- Should we prepare an offer with these sets of measures or just some general recommendations in the frame of HUMANIST project?

C) Questions to answer To the Measuring (2)

- How to choose the right measure/s?
 - The most used and favourite (marked in the matrix)
 - The most exact
 - The driver's subjective point of view as the most useful?
 - The safety point of view as the most useful?
 - Other

C) Questions to answer To the Measuring (3)

What form of the protocol to use?

- What should be included in the protocol?
- Is it useful to prepare a guideline how to prepare the protocol?
- Should the model of protocol be prepared or just some general recommendations?
- Is it necessary to have a “standardized” protocol?

Who can be the authorized independent “measuring institution”?

- Who will decide it?
- To prepare an offer with a list of potential institutions - is this expected?

C) Questions to answer To the Analyse

To eliminate failures from measuring

To look after too deep differences from various measures

After problematic measuring

- To identify problem
- To find suitable solution - e.g. to use the “weighing machine”: What point of view is more important (possible by using a coefficient for giving a priority)
 - Driver's comfort
 - Traffic safety support
 - Communication with the infrastructure for traffic information
 - Other

C) Questions to answer To the Processing

Graphical solution (delimiting of confines for processing of the measures)

Non-graphical solution – what one?

Relative evident result of measures

Relative not evident result

- New analyse: going back?
- New measuring: going back deeper?
 - To start again with the same measures?
 - To chose another measure/s and start again?
 - Other

C) Questions to answer To the Evaluation (1)

Types of evaluation scales

- **“Consumer’s”** point of view (as discussed in Lyon):
stars: xxxxx the best, x the worst
- **“Teacher’s”** point of view:
marks: 1 the best, 5 the worst
 A the best, E the worst
- **Percentage** of ideal status:
%: 100% the best, 0% the worst
- **“Sport referee’s”** point of view:
points: 10 the best, 0 the worst
- **Other**

C) Questions to answer To the Evaluation (2)

Possible output:

- Suitable
- Non-suitable
- Non-suitable, but “possible suitable” after changing these characteristics ... and repeated measuring etc. (recommendations and requested changes included)

C) Questions to answer To the Validation

To describe the whole process or not?

- Allowed “measuring institution”
- Proper and allowed measures
- “Standardized” analysing, processing and evaluating
- Allowed “validating institution”
- Signatures, stamps during the whole process to ensure the quality?
- Retrospective validation for already used ITS applications?

C) Questions to answer To the Certification

Who can be the authorized independent “certificating institution”?

- Who will decide it?
- To prepare an offer with a list of potential institutions - is this expected?

Can be the “measuring institution” also the “certificating institution”?

- Is the independency enough guaranteed using this way?
- Is it possible to join protocols A) and B) into one?

What and who, if at all, should be certificated?

C) Questions to answer To the Acceptance

How to ensure the acceptance from the “environment”:

- Car users
- ITS producers
- Car producers
- Providers of ITS applications
- ITS registrar: to ensure required ITS architecture
- Public
- Etc.

Using the list of authorized institutions and its honour?

- Is it too voluntary?

Using some decisions and restrictions?

- How to enforce it?
- Who will enforce it?

What to do with non-certificated products and their producers?

C) Questions to answer To the Control (1)

How to prepare and evaluate the whole process?

Should it be at all anyhow evaluated?

- Before starting this evaluating process
- How to take needed or asked changes during the already existing and used evaluating process?

By whom should it be evaluated?

- As a self-evaluation of the individual authorized institutions?
- From the outside of the process, somehow?
- To establish “a guild” of these authorized institutions?

C) Questions to answer To the Control (2)

What should the protocol C) content?

- “The measuring institution” is in order
- The measure for this application is right chosen
- The form of protocol A) is in order: model?
- The analysing, processing and evaluating is in order
- The “certificating institution” is in order
- The form of protocol B) is in order
- All of this may be included in a form of a licence

Is this to solve, at all, one of goals of HUMANIST consortium?

C) Questions to answer To the whole process

How to ensure the high quality, safety and usability of ITS applications and the minimal level of bureaucracy at the same time?

How to find the compromise?

Establishing of priorities:

- What is essential and cannot be missed?
- What is important?
- What is less important?
- What is unimportant and could be only optional?
- What is unimportant and could be dispensable?

C) Questions to answer To all of the HUMANIST partners

Welcome comments:

- To complete the questions
- To answer the questions
- To complete the described tasks
- To reduce the described tasks

Other comments...

C) Questions to answer P.S.

How to ensure **individual** needs and consider individual abilities of **variously disabled persons?** – going to prepare individual protocols for disabled persons with decision: she/he can drive using this/that

Who should decide it?

Who should pay for it? Is this an **individual thing** of this disabled person or **public interest** (safety, mobility)?

Thank you for your attention!

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