Team:

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Forsys Country Reports on the Semantic Wiki

Preliminary results

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Content:

1. First Steps
2. Examples
3. CR information design
4. Wiki property structure
5. Next Steps

1. First Steps

Atrium & ForEAdapt & USP resources
Silvana Nobre,
Renats Trubins,
André Gracioso (USP graduate student)

CR Analysis

- Excel spreadsheets analysis made by Jose Borges&Team on Problem type definitions
- Readings: CR, Ola&Jordi Modeling Analysis, Harald KM analysis

Database design & creation

- Design a database and an environment (screens) to facilitate data input

Brazilian DSS on Wiki

- Contact DSS providers in Brazil to input on Wiki

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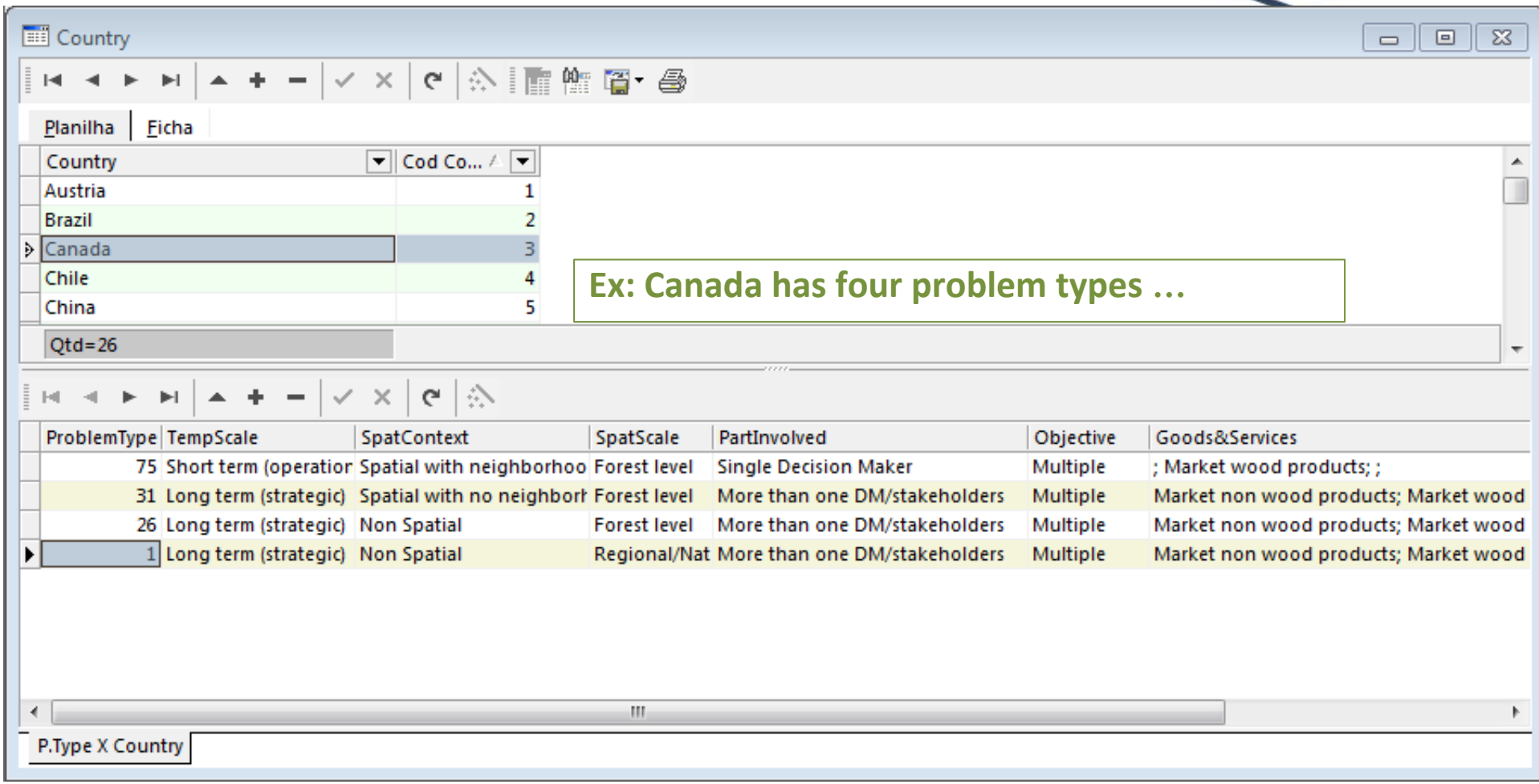
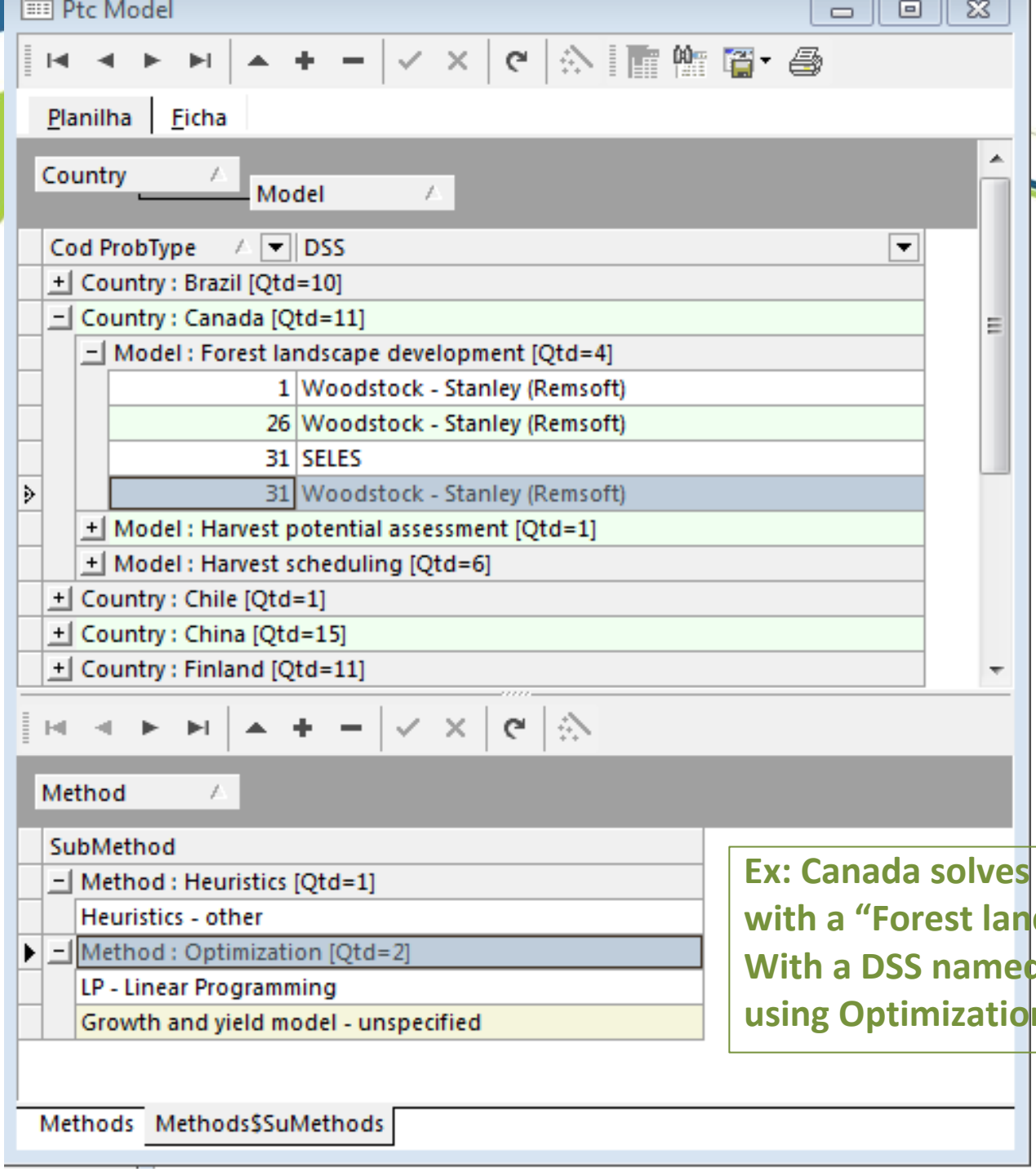
2. Examples

- Organization of Countries X Problem Types X Dimensions





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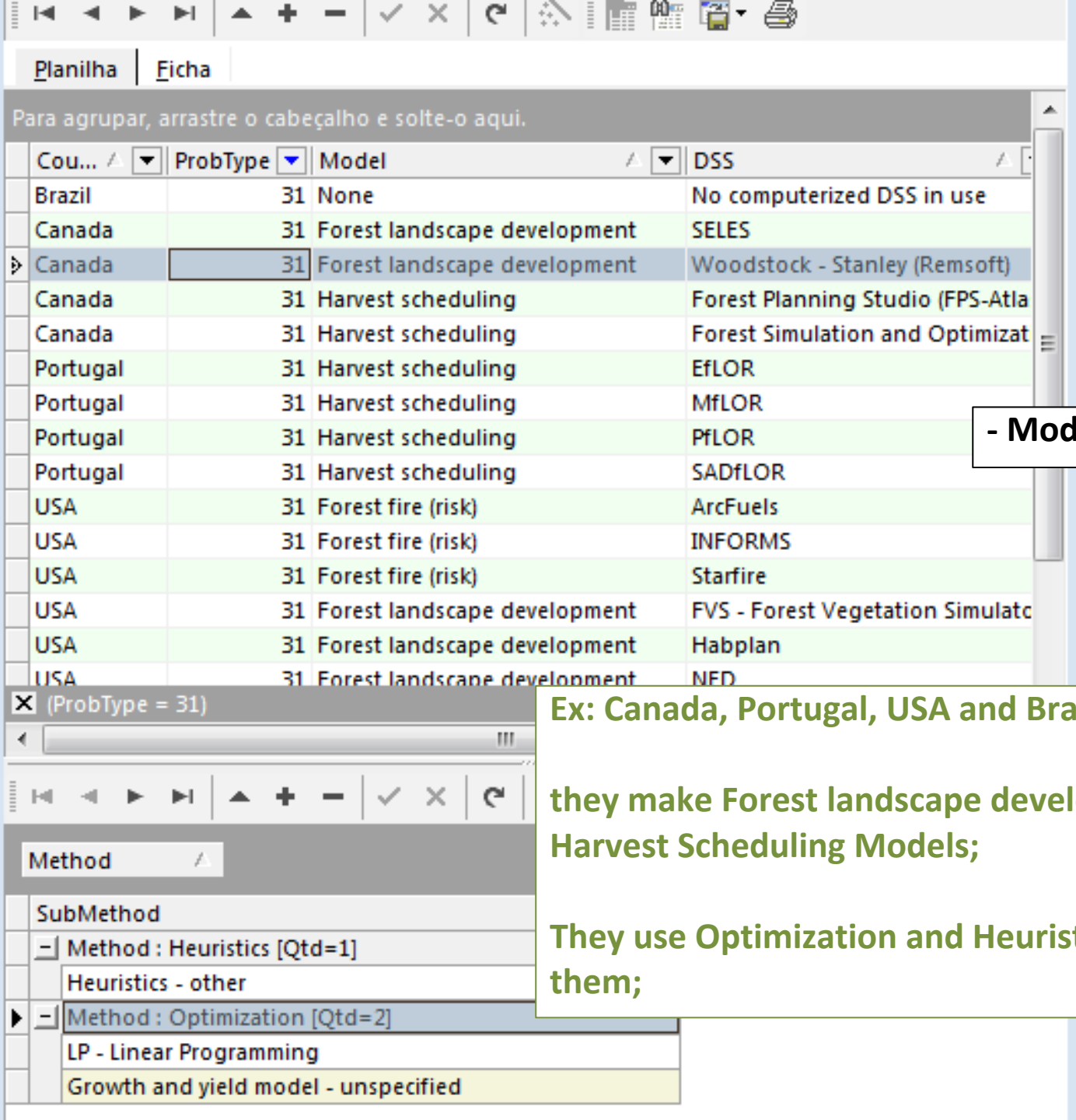
- Models & Methods

Ex: Canada solves problem types no 31,
with a "Forest landscape development" model;
With a DSS named Woodstock;
using Optimization and Heuristic



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- Models & Methods

Ex: Canada, Portugal, USA and Brazil have PT 31;

they make Forest landscape development and Harvest Scheduling Models;

They use Optimization and Heuristic methods to solve them;

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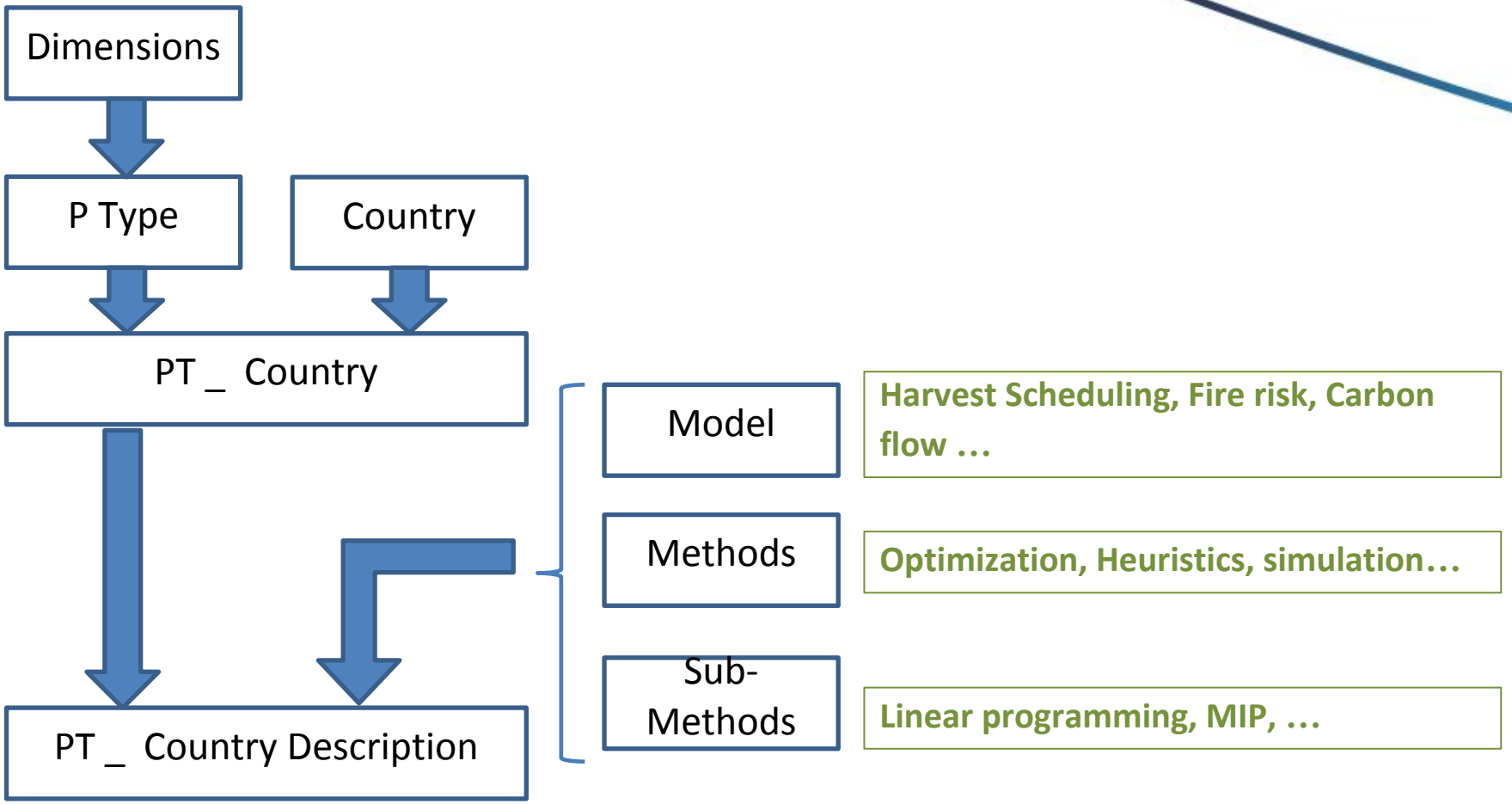
3. CR information design

First Part, until Models&Methods …



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4. Wiki property structure

A	B	C	D
Property ID	Target form	Criteria	Property
		Wiki quality control	
101	DSS;Case study	Wiki quality control	Flag
		Name, responsible organisation and contact person	
201		Name, responsible organisation and contact person	Name
202	DSS	Name, responsible organisation and contact person	Acronym
203	DSS;Case study; PT_C	Name, responsible organisation and contact person	Responsible organisation
204	DSS;Case study; PT_C	Name, responsible organisation and contact person	Type of the owner organization
205	DSS	Name, responsible organisation and contact person	Institutional framework
206	DSS;Case study; PT_C	Name, responsible organisation and contact person	Contact person for the Wiki
207	DSS;Case study; PT_C	Name, responsible organisation and contact person	Contact e-mail for the Wiki
208	DSS	Name, responsible organisation and contact person	Contact person for the DSS
209	DSS	Name, responsible organisation and contact person	Contact e-mail for the DSS
		Scope of the problem	
301	DSS;Case study;Lesson	Scope of the tool	Description
302	DSS	Scope of the tool	Modelling dimension
303	DSS;Case study;Lessons learned; PT_C	Scope of the problem	Temporal scale
304	DSS;Case study;Lessons learned; PT_C	Scope of the problem	Spatial context
305	DSS;Case study;Lessons learned; PT_C	Scope of the problem	Spatial scale
306	DSS;Case study;Lessons learned; PT_C	Scope of the problem	Objectives dimension
307	DSS;Case study;Lessons learned; PT_C	Scope of the problem	Goods and services dimension
308	DSS; PT_C	Scope of the tool	Forest management goal
309	DSS	Scope of the tool	Supported tree species
310	DSS	Scope of the tool	Supported silvicultural regime
311	DSS;Case study;Lessons learned; PT_C	Scope of the problem	Decision making dimension

First Part, until Models&Methods …

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5. Next Steps

i. **Finish CR analysis**

ii. **Complete DB**

iii. **Finish Wiki property structure**

iv. **Export to Wiki**

Thanks!

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