INNOVATION PROCESS AS A STRATEGY PLANNING TOOL

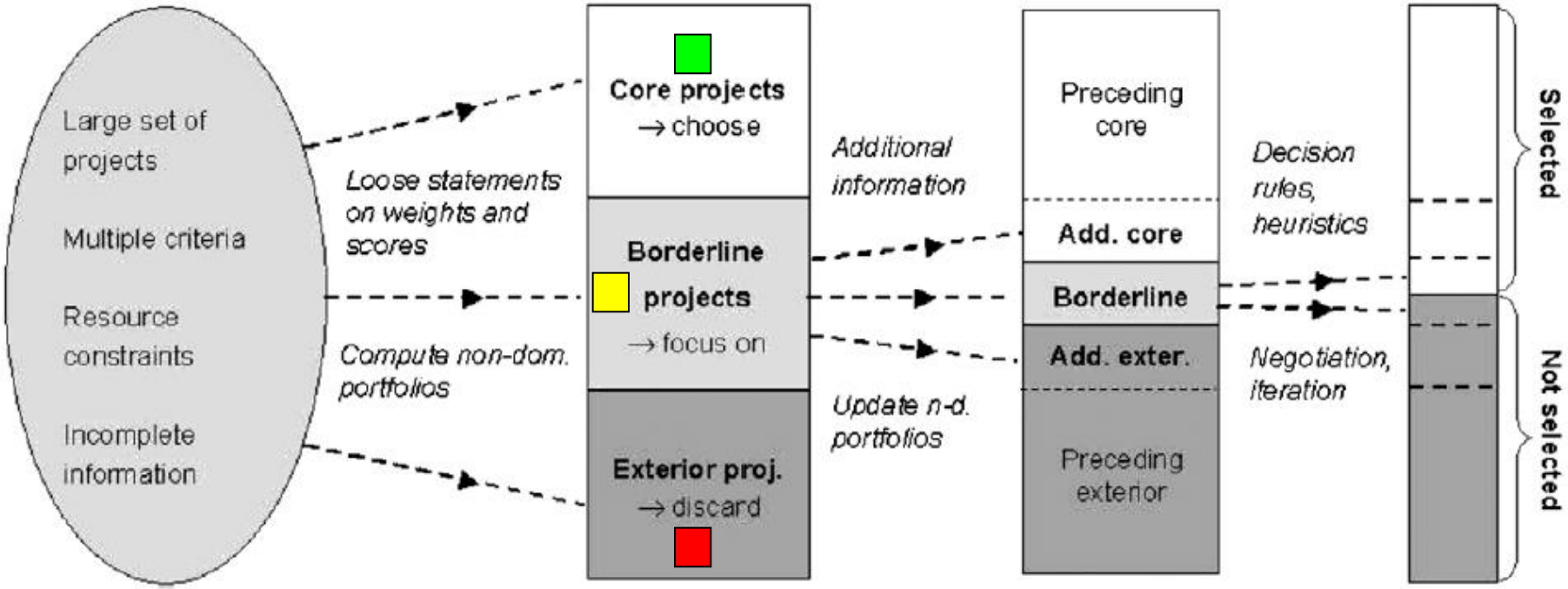
The REMOWE Conference, Innovation process Start up, Wroclaw, 23.11.2011

Tuomo Eskelinen, Savonia University of Applied Sciences

Phases of the Innovation process

- **Defining the decision context:** present situation, future scenarios, aspirations and objectives
- **Idea generation** and collection: formulating idea concepts
- **Evaluation** based on selected criteria, for example *innovativeness, feasibility and significance*; grading idea concepts from 1 to 7
- **Analysis** based on ***RPM-methodology***
- **Workshop** based on analysis assessing, discussing, arguing, selecting and formulating the action plan
- **Action plan => Strategy**

RPM - methodology

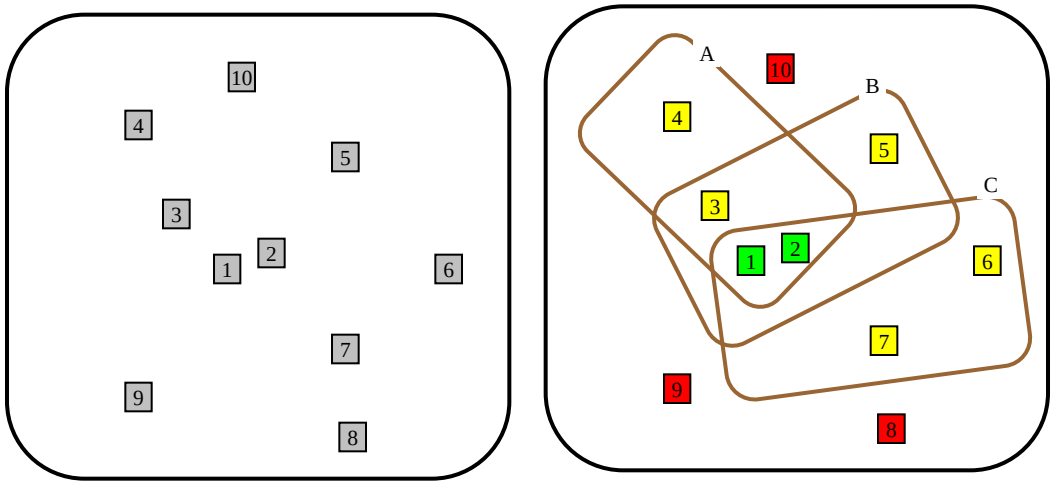


RPM –WHY?

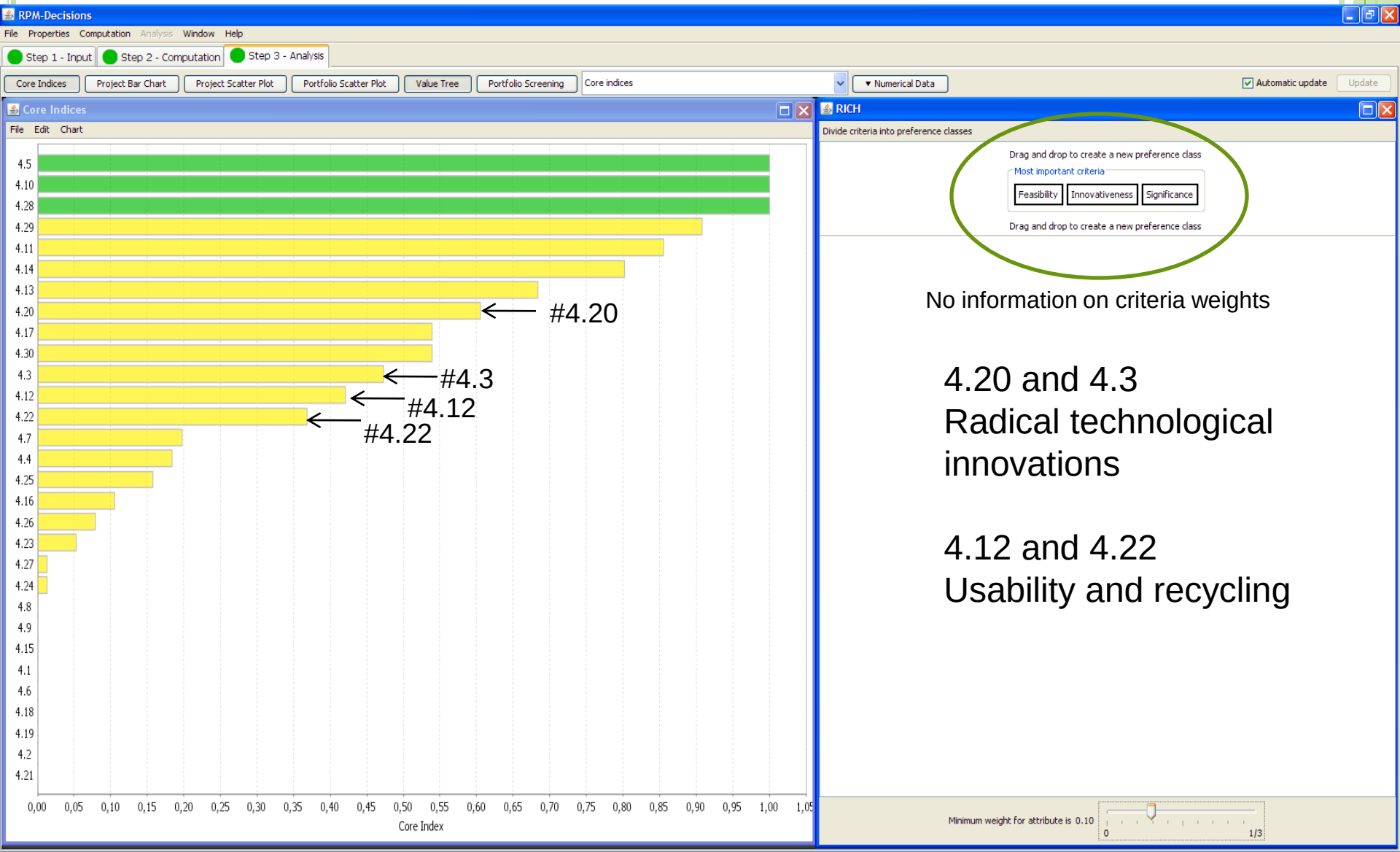
- Benefits
  - Allow big number of respondents easily to formulate innovation ideas
  - Allow big number of evaluators, experts and real decision makers easily to involve
    -transnational involvement
  - Transparent valuation and selection process
  - Support workshop discussions and decision making
  - Results can be “put together” with one number –the core index 0-1

Core index

- Core index tells in how many effective portfolio one particular idea concept is included
  - *Core projects* included in every effective portfolio (core index 100 %)
  - *Exterior projects* not included in any effective portfolio (core index 0 %)
  - *Borderline projects* included in some effective portfolios (0 < core index < 100)



remowe

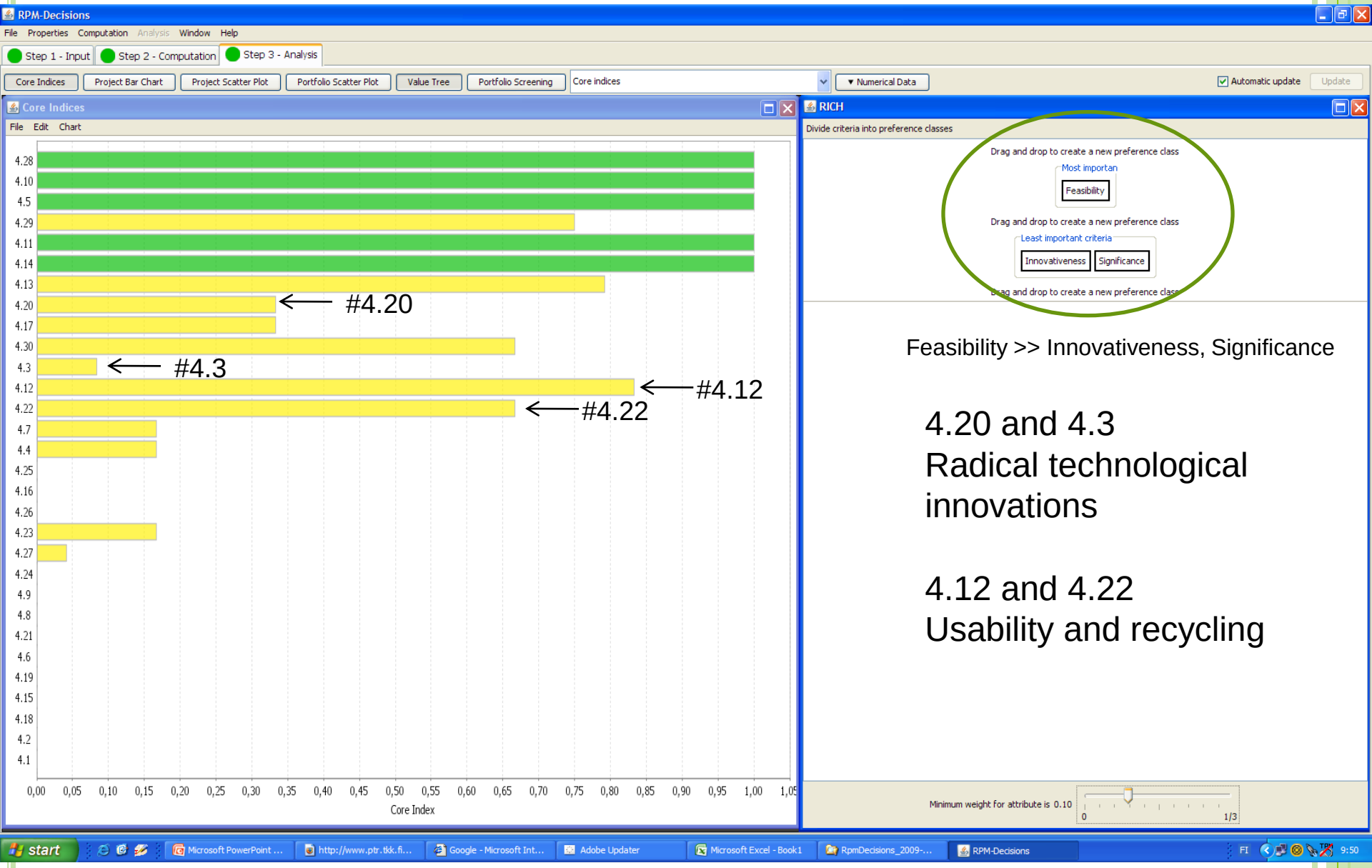


No information on criteria weights

4.20 and 4.3
Radical technological innovations

4.12 and 4.22
Usability and recycling

remowe



Feasibility >> Innovativeness, Significance

4.20 and 4.3
Radical technological innovations

4.12 and 4.22
Usability and recycling

RPM - Robust Portfolio Modeling

- Developed in the Laboratory of Systems Analysis in Aalto University by professor Ahti Salo's group (http://www.rpm.tkk.fi/)
- Decision support methodology for analyzing multiple criteria project portfolio problems

PROCEDURE, HOW TO START UP

- REMOWE Innovation Platform

http://apps.savonia.fi/projects/remowe

To start up the Waste to Energy Innovation Process in Poland:

- Schedule ☺
- Scenarios –Categories ☺
- Idea generators – all ideas welcome!
- Idea evaluators –three criterias needed
- Workshop to discuss and select the ideas for further processing and to decide who takes the lead fur furher actions

remowe