

INNOVATION PROCESS IN WROCLAW POLAND RPM RESULTS

The REMOWE Conference, Innovation process
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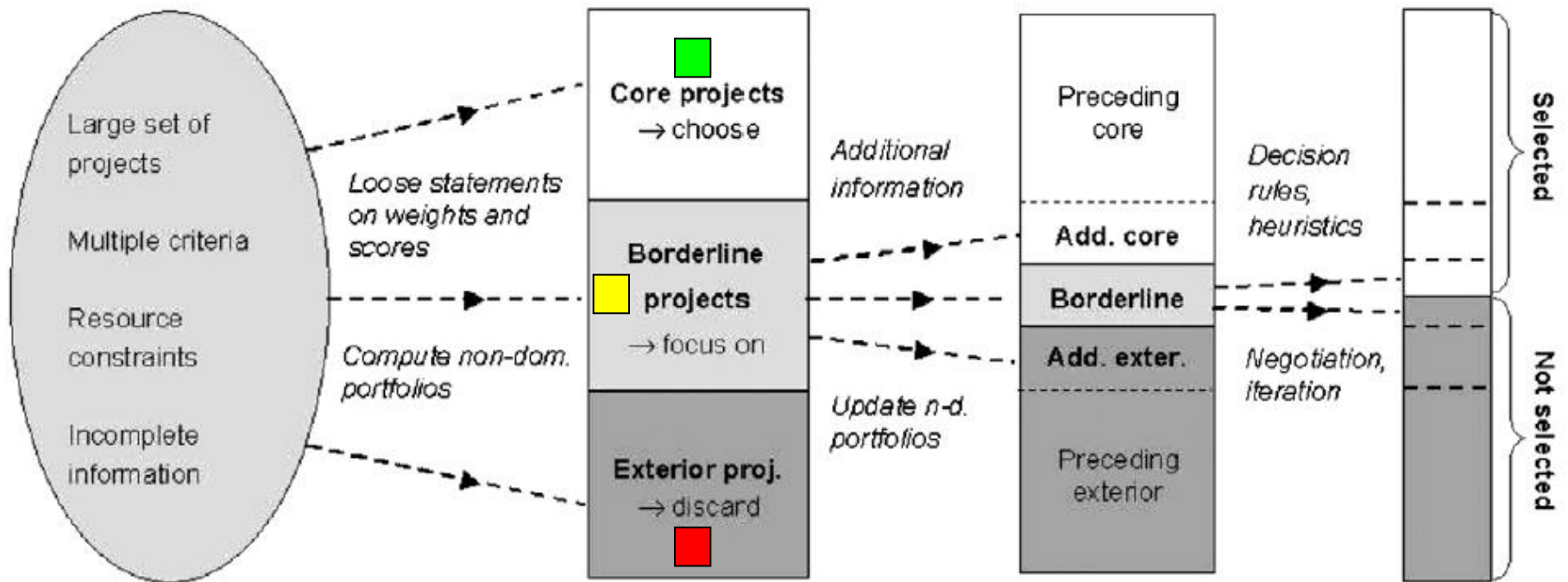


PHASES OF THE INNOVATION PROCESS

- **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

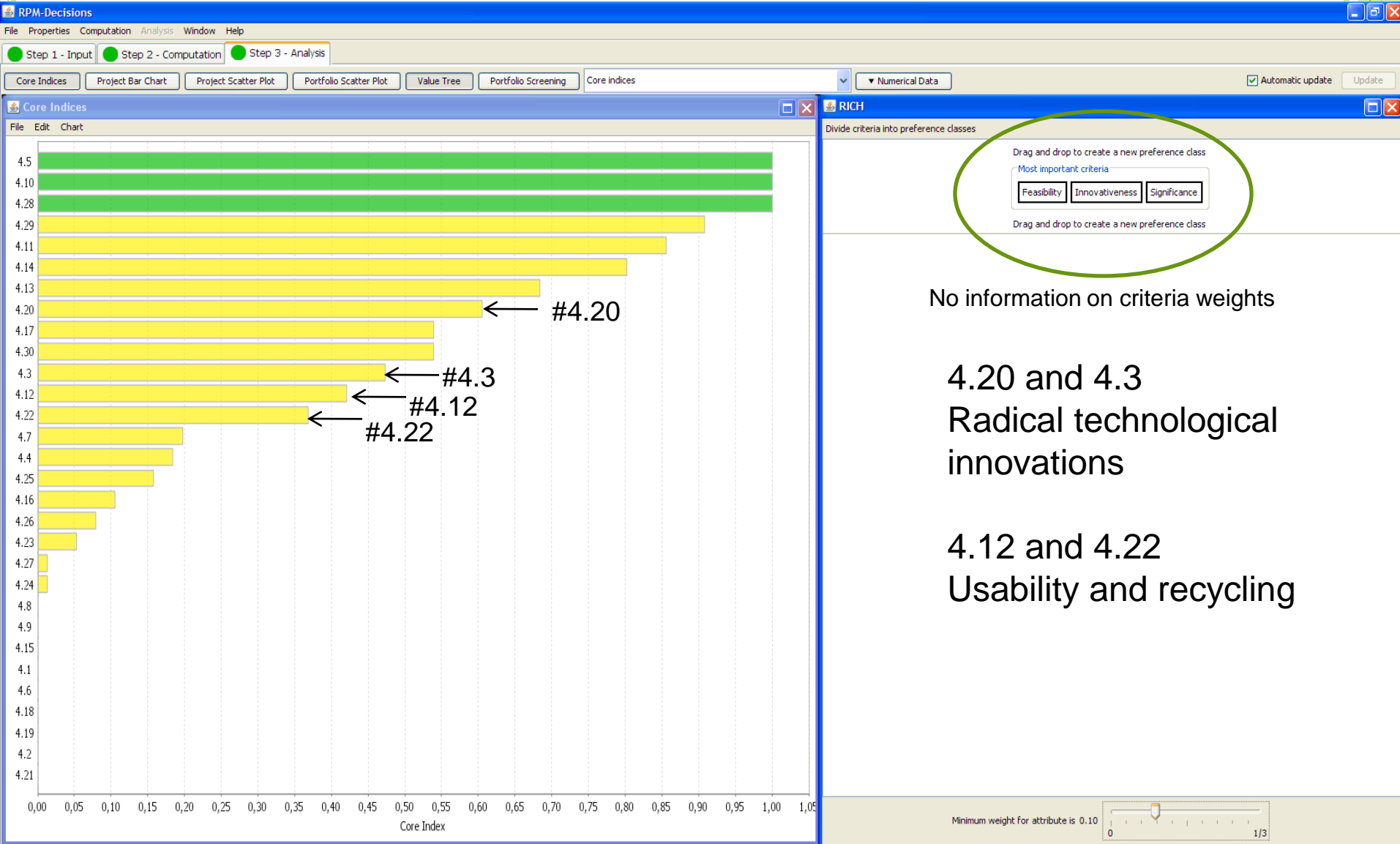


RPM –WHY?

○ 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

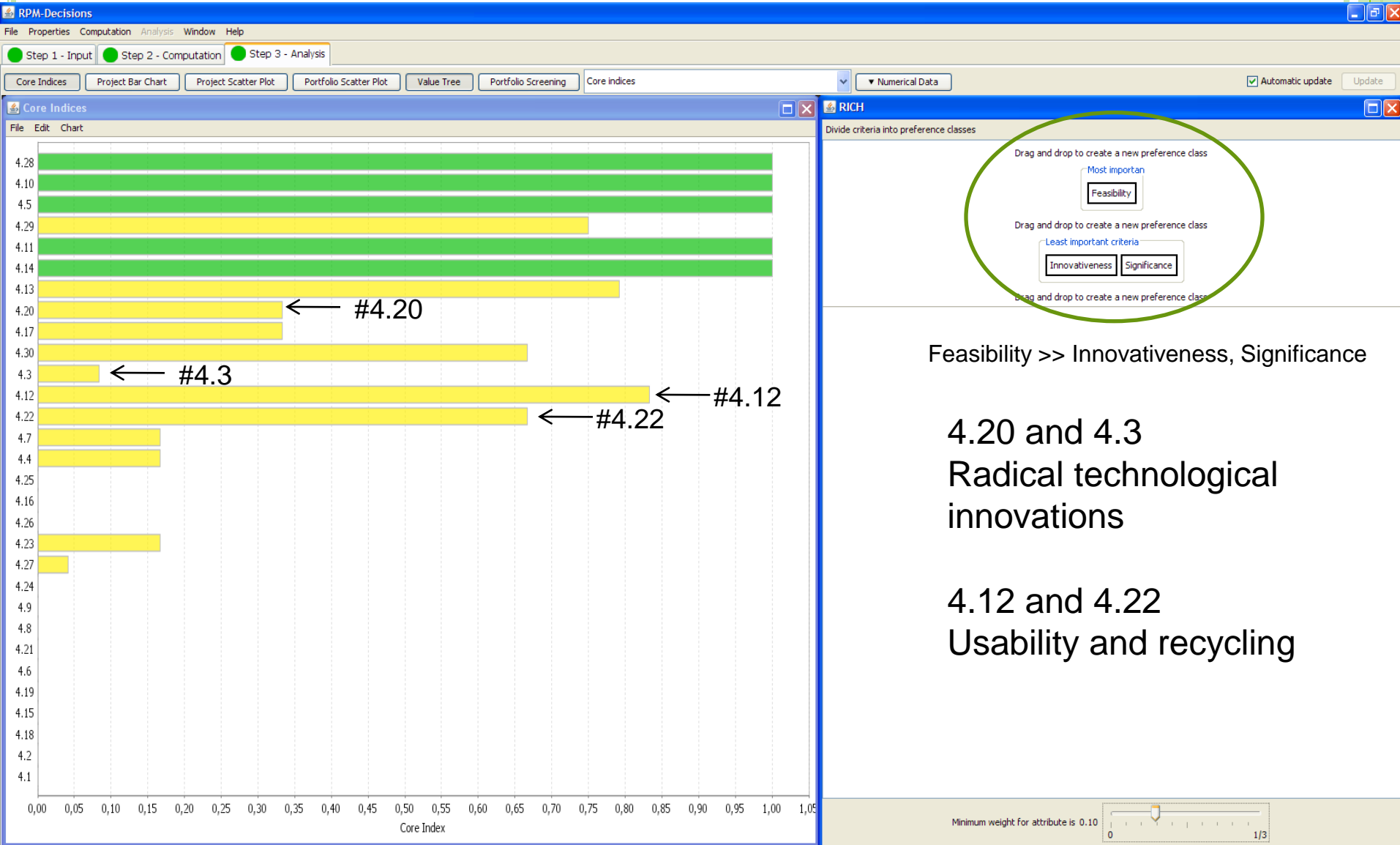




No information on criteria weights

4.20 and 4.3
Radical technological innovations

4.12 and 4.22
Usability and recycling



Feasibility >> Innovativeness, Significance

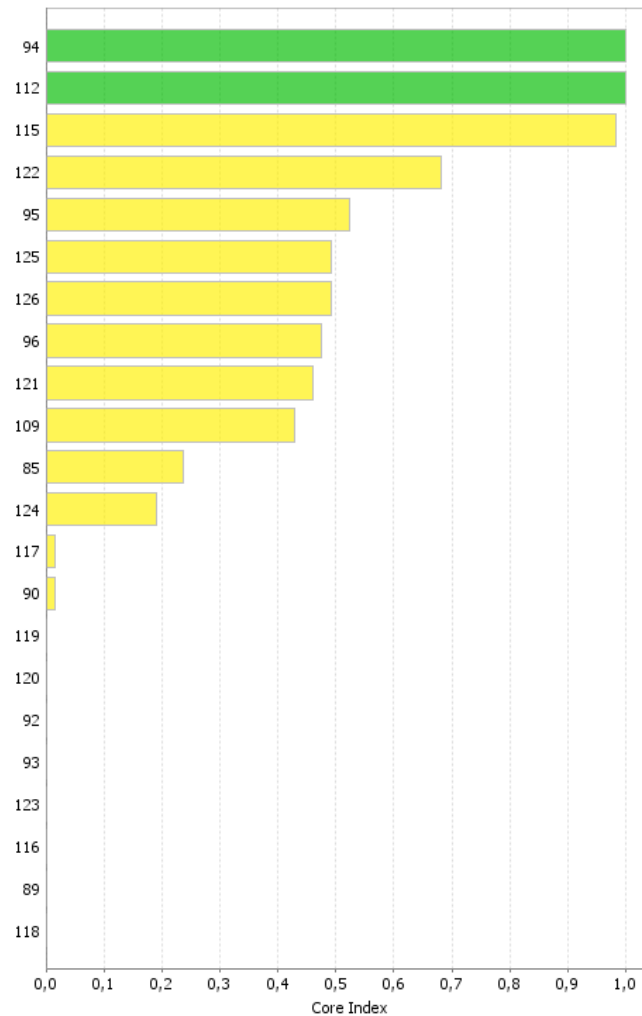
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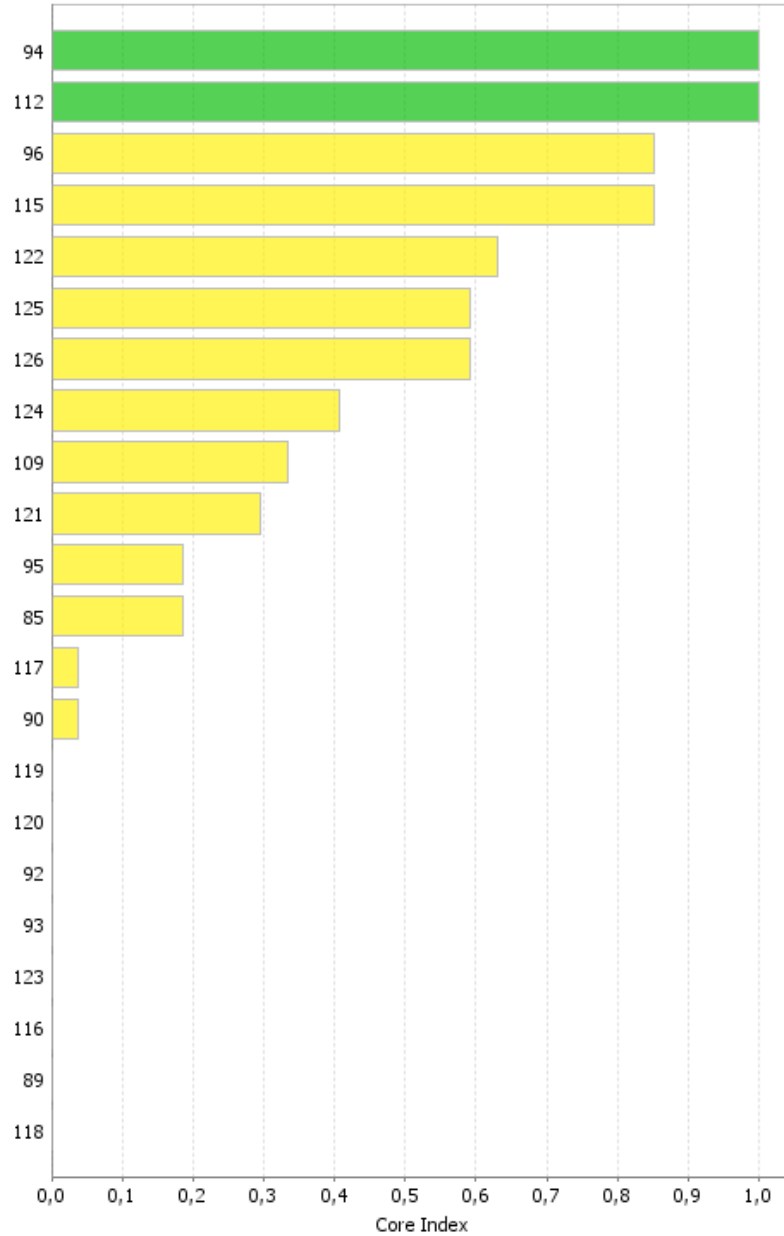
- Idea name
- 85 Dry fermentation of municipal waste
- 89 Methods for disposing of noxious landfill-produced leachate and gases
- 90 Incineration and co-incineration
- 92 Removal of Solid Waste Energy
- 93 Pyrolysis
- 94 Dark fermentation
- 95 Anaerobic Waste Treatment
- 96 Biological Drying
- 109 waste management with advanced robotics
- 112 Biofuel and chemicals production with microbes
- 115 KDV technology
- 116 Opening of the biogas plant on the outskirts of the city
- 117 Creating photovoltaic cells for producing energy for household purposes
- 118 Building of regional power and heat plants using waste
- 119 Creating local heating plants with recovery of the energy from waste.
- 120 Conversion of waste into pellets for burning.
- 121 Pyrolysis and franchise business model
- 122 New information services based on advanced monitoring
- 123 Occupational health in separation plants
- 124 Closing the open fermentation tanks
- 125 Fermentation in Bielawa
- 126 Use of existing fermentation tanks



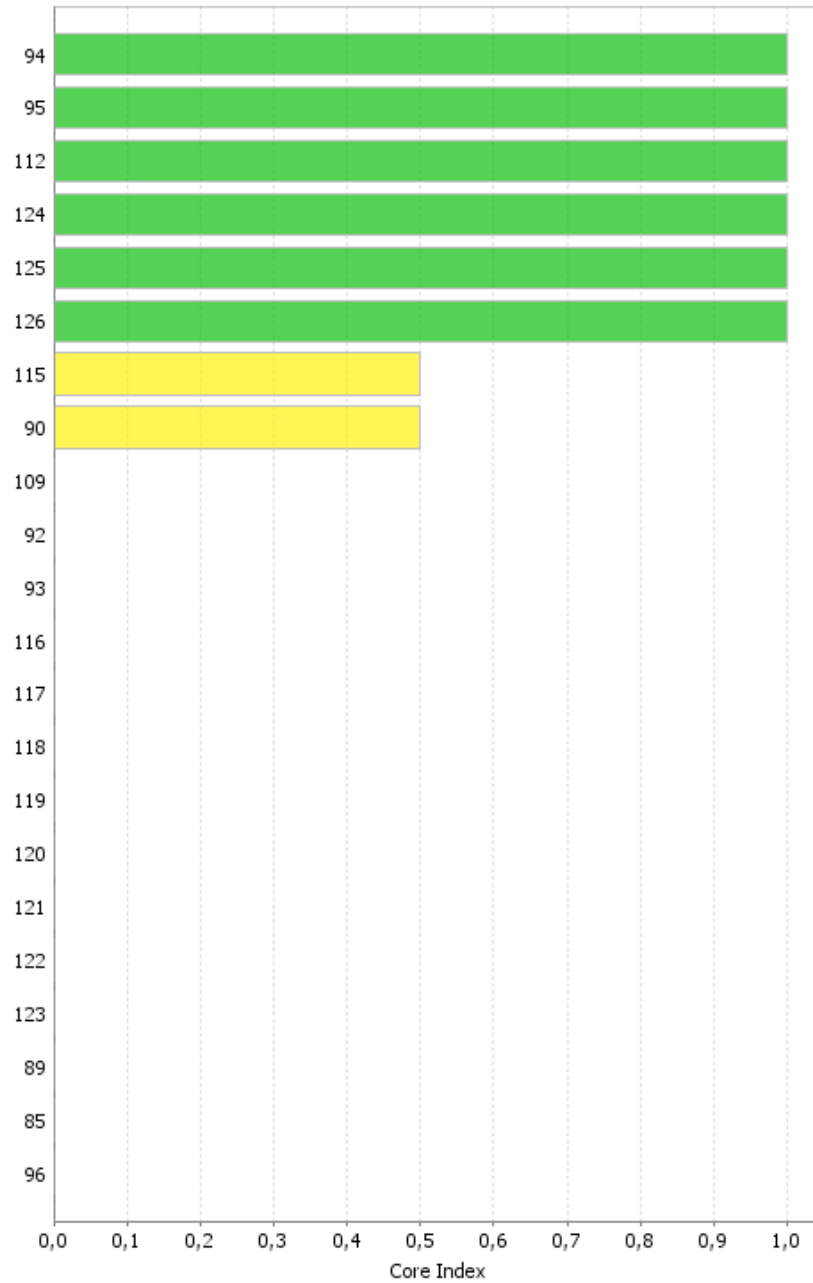
POLAND: RPM RESULTS: INNOVATIVENESS (I) > SUSTAINABILITY (S) > TECHNICAL FEASIBILITY (TF)



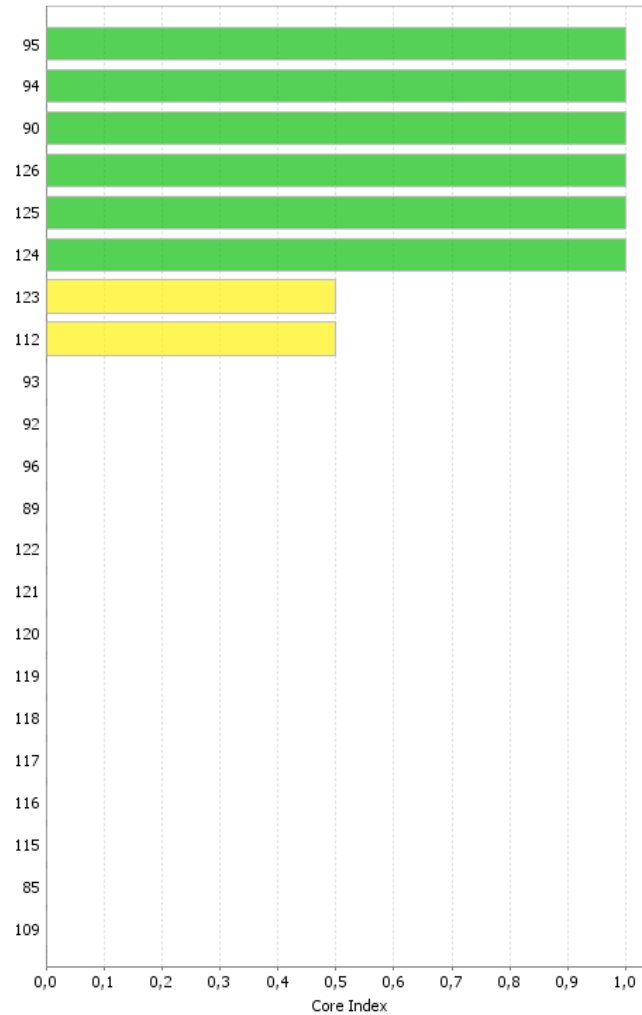
I > TF > S



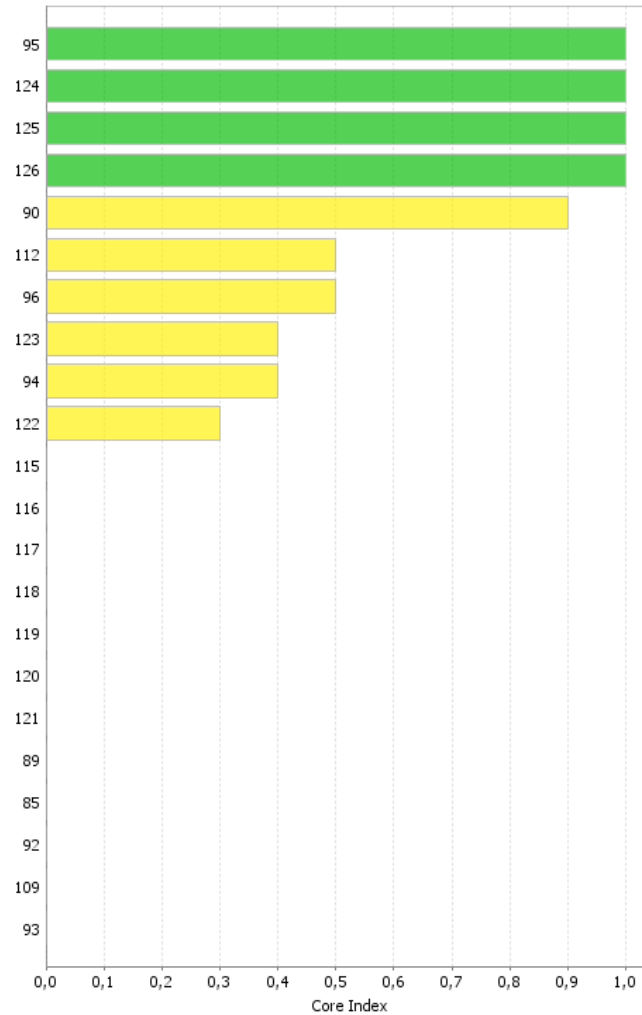
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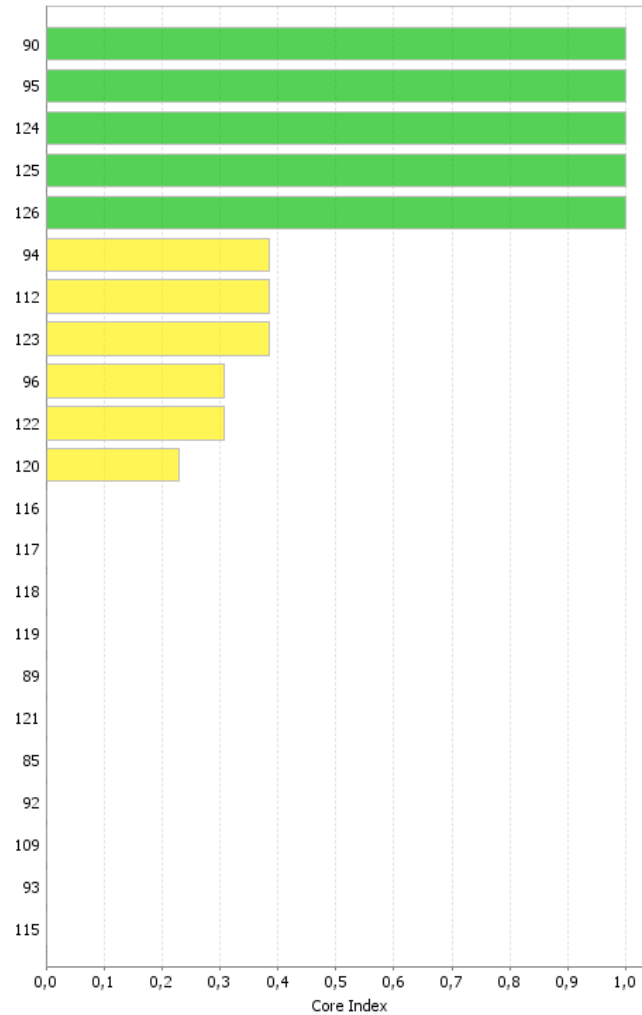
S > TF > 1



TF > I > S



TF > S > I



ALL POSSIBLE CRITERIA WEIGHT COMBINATIONS

