CONSIDEO GmbH

Virtual Workshop:
Visualise and analyse complex challenges the easy way

What you learn:

If you have complex challenges involving the interplay of many factors you need a tool to visualise and analyse the interconnections. Qualitative modeling allows you to directly translate arguments into cause and effect relations - whether it is in a workshop, in a collaborative model or for your own.

Without sophisticated formula you can simply weight connections and through the Insight Matrix you will identify the most effective levers or hinderances to your targets.

The workshops explains the scientific basis for this fuzzy approach and how the results are generated. Also it compares qualitative and quantitative models from concrete projects.

The participants will work on their own chosen example - first exploratively collecting arguments, then weighting the connections, and finally analysing the model and presenting the results.

Also, the workshop is offering tipps and tricks on how to facilitate stakeholder workshops with collaborative modeling or group modeling.

When:

The virtual workshop takes 4-5 hours on an afternoon. Dates can be found here: https://www.consideo.com/dates.html

If you are interested in open workshops in another month or at another day please let us know.

To register simply send an email to info@consideo.com

Organization:

A maximum of ten participants. The duration will be 5 hours with a break in the middle. The platform to be used will be Zoom. The iMODELER can be started in your browser. Since participants come from around the world we may adopt the time.

Trainer:

Kai Neumann and/or Franc Grimm, both scientists and business consultants with more than 20 years of experience.

Price:

The price is 195 EUR/person (plus VAT if applicable). The iMODELER comes as a freeware for qualitative modeling.

Background:

System Dynamics is a powerful way to simulate complex systems. However, it takes a lot of effort to elaborate the correct formula, collect data, and test and validate the models. Therefore, in many cases modellers just come up with Causal Loop Diagrams (CLD) that merely visualise the interactions within a system and highlight its feedback loops.

An alternative would be so called Fuzzy Cognitive Maps (FCM) that allow for a rough weighting of the connections to come up with further insights derived from the dynamics of the system. Unfortunately, FCMs for some reason show no escalation from reinforcing feedback loops. The software iMODELER uses another approach to calculate the effects along impact chains and loops. Its Insight Matrix shows you levers short, medium, and long term.

Modellers around the world have used this innovative way to identify risks and solutions to their challenge in relative short time. While even smaller CLDs often are a matter of interpretation and while for simulation models there is notice nor budget, a qualitative model with matrix analyses based on weighted connections shows results in no time even for larger models with thousands of feedback loops.

iM

I model - therefore iM
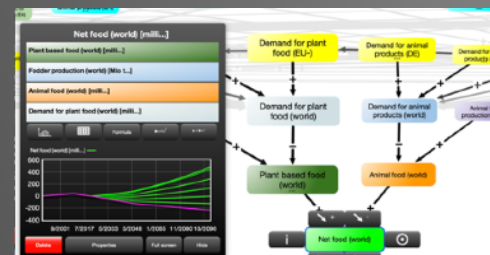...
I think - therefore iM
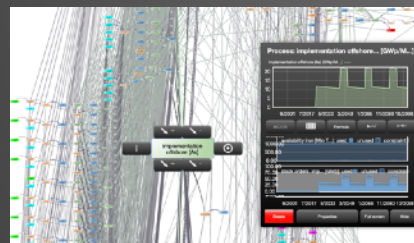
Shorten Meetings

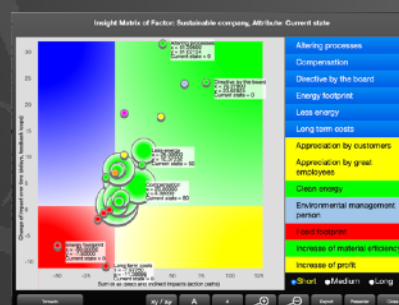Develop Ideas and Strategies

Master Projects

Foresee Developments

Optimize Processes

Beyond Mind Mapping

Handle Complexity

iMODELER, PROCESS-iMODELER - web based, bionic, collaborative, …

Revolutionary qualitative modeling: what are the levers, what the hinderances?

Powerful quantitative modeling: how with what likelihood is something developing?

Process modeling: what are the constraints within complex processes and projects?

KNOW-WHY.net an expert system for cause and effect models

Workshops

Consulting

Moderation

Research

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