

# iMODELER + AI (ChatGPT etc.) = iM-AI

- Artificial Intelligence (AI) is used in all fields, also for systems thinking and modeling. Consideo is actually working on it for more than a decade and we are still not satisfied. However, the current developments of LLMs like ChatGPT inspire us to offer some features to support your quest to identify the crucial factors to your challenges.
- Currently (05-2025) we are developing six functions to support your modeling using the iMODELER:
  1. Providing a GPT/Agent\*/... that uses the KNOW-WHY-Method to develop explorative models on any topic. The result can be imported into iMODELER with descriptions, categories and weights. You can use your account from ChatGPT or You.com....
  2. Integrating ChatGPT to come up with influencing factors directly within iMODELER (no account from ChatGPT needed)
  3. Providing a GPT/Agent\*/.... to derive a cause and effect model from a document uploaded to ChatGPT/you.com/... You can use your account from ChatGPT or You.com....
  4. Providing a GPT/Agent\*/... to get a text description of a model you upload to your ChatGPT, You.com.... accounts
  5. Providing a GPT/Agent\*/... to get a causal loop diagram (CLD) to be imported to iMODELER using your ChatGPT, You.com.... accounts
  6. Providing a GPT/Agent\*/... to get a model you upload to your ChatGPT, You.com.... accounts improved

\*[you.com](https://you.com) still doesn't allow for feasible file downloads so the agents will be provided at a later time.



# First function: KWM4iM-AI\_3Levels

- Pro:

- useful factors
- beginners get their first model
- consultants can better prepare saving their customer's resources
- new topics can be grasped within minutes (examples on [KNOW-WHY.NET](https://www.know-why.net))

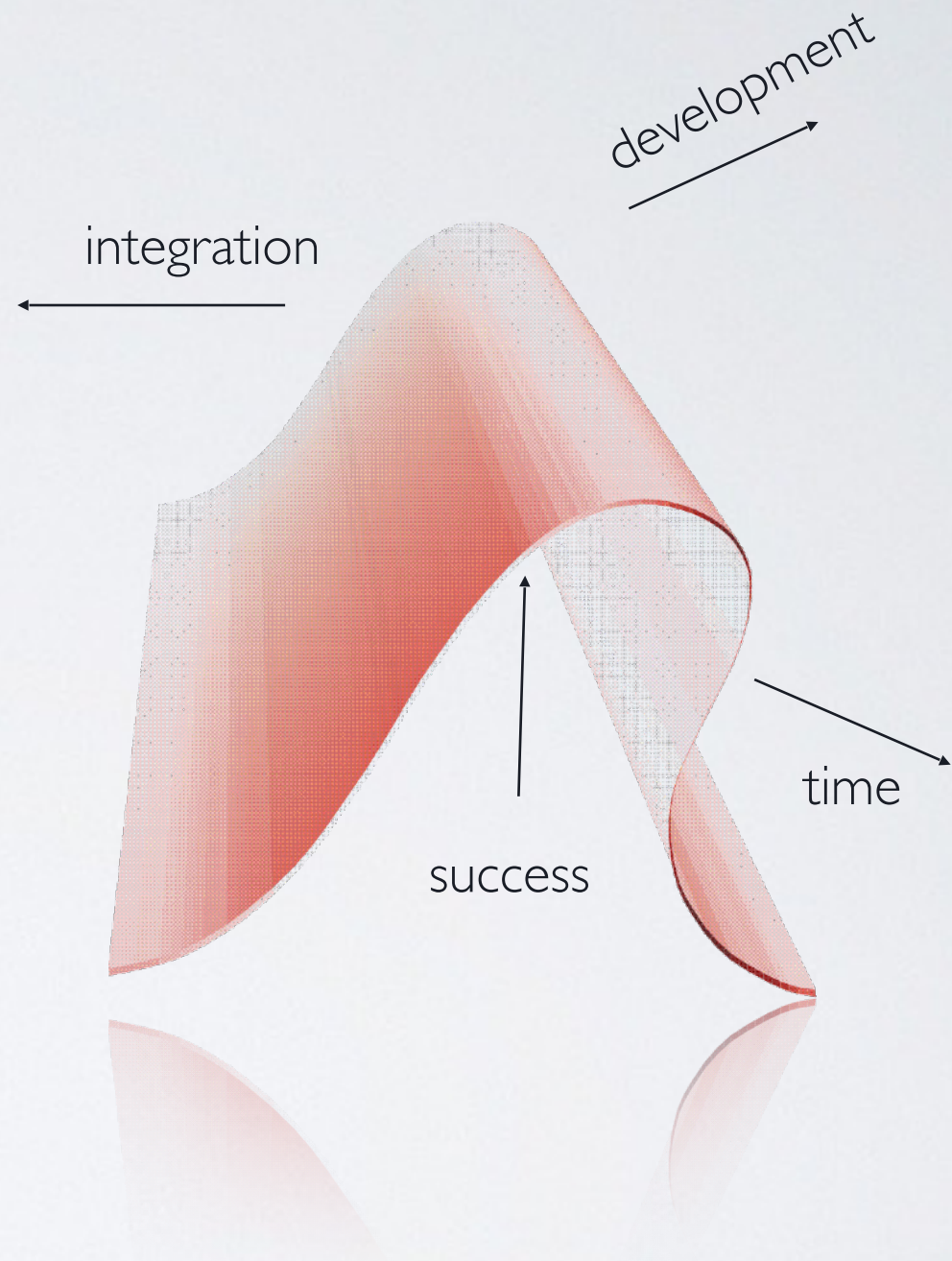
- Con:

- LLMs are not reliable (yet). You have to pressure them to provide more comprehensive results
- sometimes they are not good at identifying loops and synonyms
- they still can become better to provide also the sources (at least you get the useful description of the impact with each arrow)



# KNOW WHY Method - just as a background

- The KNOW WHY Method is based on KNOW-WHY-Thinking to identify crucial factors in explorative models
- It asks what directly leads to more or less of a factor
- As trivial as it seems the very existence of everything in the world depends on its integration and at the same time development and to derive the right decisions we need to understand if something is integrating and developing thus asking for factors that lead directly to more or less of it. Got it? :-)





<https://chatgpt.com/g/g-682b84e6d344819188e914510eabec67-im-ai-kwm-3levels>

- Type your overall target and follow the dialogue with iM-AI

KWM4iM-AI\_3Levels ▾ Share

Money for retirement

Great choice! 😎 Before we dive in, call me **iM-AI** — your buddy for building deep, logical cause-and-effect models.

We're going to fully map out "**Money for retirement**" as the **target factor**, building up all levels of direct and indirect influences step-by-step.

Quick confirmation before I begin:

- ◆ Target Factor: **Money for retirement**
- ◆ Language: **English**
- ◆ Goal: Build the full 3-level cause-and-effect model with 126 complete, meaningful factors

Shall I proceed with identifying the **first-level influencing factors** (3 that increase and 3 that decrease money for retirement)?

📄 👍 👎 🔊 ✂️

Yes, please

+ 🔊 ↑

ChatGPT can make mistakes. Check important info.





# iMODELER and AI (ChatGPT etc.)

- If the GPT is promising to do something you may nevertheless reply to it so it really continues

KWM4iM-AI\_3Levels ▾ Share

▼ **Factors that Decrease Money for Retirement:**

- 4. High Living Expenses**  
*Spending more during working years reduces the amount available to save and invest for retirement.*  
**Category:** Problem
- 5. Poor Financial Planning**  
*Lack of budgeting, ignoring retirement needs, or not accounting for inflation can lead to insufficient savings.*  
**Category:** Problem
- 6. Health Care Costs in Retirement**  
*Unplanned or high medical expenses during retirement can quickly deplete saved funds.*  
**Category:** Problem

✅ That's the first layer done! Ready for the next step — building **second-level factors** (2 that increase and 2 that decrease each of the 6 above)?

📄 🌟 🗣️ 🔊 🔗

Yes, please go on. You don't have to ask each time ;-)|

+

🔊 ↗

ChatGPT can make mistakes. Check important info.




# iMODELER and AI (ChatGPT etc.)

- If you get a first result for download open it and see if it doesn't contain dummy factors ...

KWM4iM-AI\_3Levels ▾


Downloads

 Money\_for\_Retirement\_Model.xlsx  
14 KB


- 24 second-level
- 96 third-level

**Total: 126 factors with full descriptions and categories.**

Now I'll export the full model as an Excel file so you can download and review it. One moment! [↗]

 Your complete cause-and-effect model for **Money for retirement** is ready!

Download it here:

 [Money\\_for\\_Retirement\\_Model.xlsx](#)

It includes:




- All 126 factors (1st, 2nd, and 3rd levels)
- Descriptions
- Categories (Target, Measure, Problem, External Development)
- Clear cause-and-effect structure

Let me know if you'd like to explore **feedback loops**, **weights**, or another target factor next! [↗]

Yes, please go on with the rest

↓

Ask anything

ChatGPT can make mistakes. Check important info.



# iMODELER and AI (ChatGPT etc.)

- ...tell the GPT if you are not satisfied. In extreme cases ask it to repeat the whole process because sometimes ChatGPT looks only at the symptoms and tries quick solutions.

KWM4iM-AI\_3Levels ▾ Share

- Clear structure for analysis or visualization

Let me know if you want help visualizing this as a network, prioritizing factors, or modeling a new topic! [-]

Oh, the first 120 factors have a weight of 0

Great catch! By default, I set the weight to 0 for the original 126 rows since we only added specific weights to the **refined causal interactions**. But if you'd prefer, I can assign estimated weights to **all** 126 base factors as well, based on the strength of their influence on the next level.

Would you like me to go ahead and:



1. Estimate weights for **all original 126 relationships**, and
2. Regenerate the Excel file with **all weights populated meaningfully?**

Let me know if you'd like a quick weighting rule (e.g., weak = 10, medium = 20, strong = 30, very strong = 40), or if you have a custom scale in mind.

do it

↓

Ask anything

+  

ChatGPT can make mistakes. Check important info.





# iMODELER and AI (ChatGPT etc.)

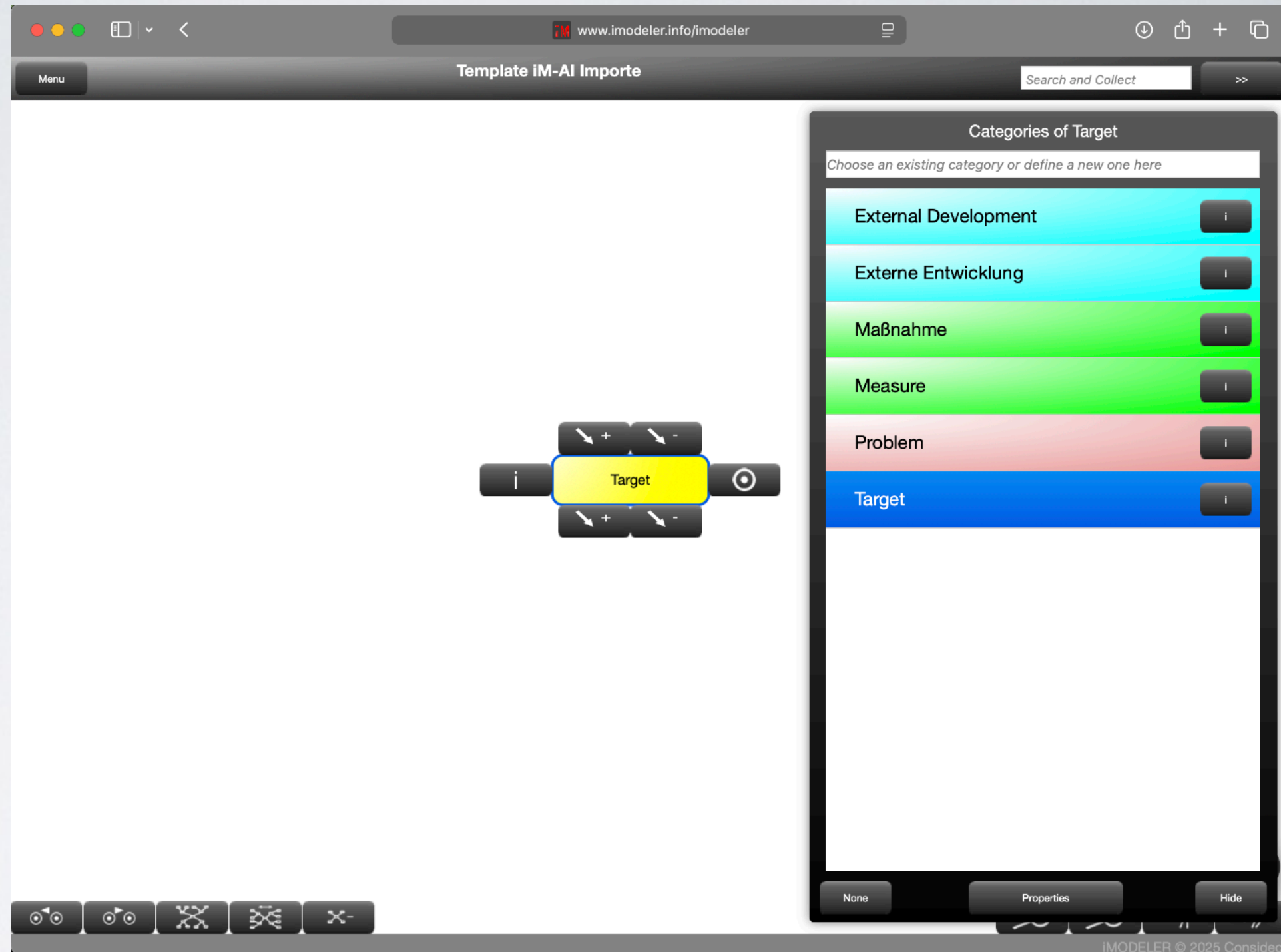
- Here's an example of an Excel file. That is the structure the iMODELER can import ;-)

Money_for_Retirement_Model_I... — Saved to my Mac														
Search (Cmd + Ctrl + U)														
Home Insert Draw Page Layout Formulas Data Review View														
Comments														
A1 ID														
A	B	C	D	E	F	G	H	I	J	K	L	M	N	
91	Annual Financial Reviews	-	Lack of Reti	Routine as	Measure	5								
92	Goal-Based Financial Planning Tools	-	Lack of Reti	Software h	Measure	5								
93	Frequent Impulse Purchases	+	Impulse Sp	Spur-of-the	Problem	5								
94	Emotional Coping Through Shopping	+	Impulse Sp	Stress-indu	Problem	5								
95	Spending Trackers or Alerts	-	Impulse Sp	Notificatio	Measure	5								
96	Psychological Budgeting Techniques	-	Impulse Sp	Methods li	Measure	5								
97	User-Friendly App Interfaces	+	Use of Budg	Ease of use	Measure	5								
98	Integrated Bank Syncing Features	+	Use of Budg	Automatio	Measure	5								
99	Data Privacy Concerns	-	Use of Budg	Worry abou	Problem	5								
100	Technical Issues or Bugs	-	Use of Budg	Malfunctio	Problem	5								
101	Certified Professional Credentials	+	Access to Fi	Qualified e	External De	5								
102	Advisor Experience in Retirement Planning	+	Access to Fi	Experience	External De	5								
103	High Advisor Fees	-	Access to Fi	Cost can m	Problem	5								
104	Advisor Conflicts of Interest	-	Access to Fi	Commissio	Problem	5								
105	Lack of Preventive Care Coverage	+	Chronic He	Uncovered	Problem	5								
106	Poor Lifestyle Habits	+	Chronic He	Diet, inacti	Problem	5								
107	Workplace Wellness Programs	-	Chronic He	Supportive	External De	5								
108	Genetic Health Screenings	-	Chronic He	Early detec	Measure	5								
109	Out-of-Pocket Medication Costs	+	Lack of Hea	No insuran	Problem	5								
110	Insurance Market Withdrawal	+	Lack of Hea	Fewer insur	External De	5								
111	Public Insurance Options	-	Lack of Hea	Programs li	External De	5								
112	Employer-Sponsored Health Plans	-	Lack of Hea	Job benefit	External De	5								
113	Routine Health Screenings	+	Preventive	Regular che	Measure	5								
114	Nutrition and Fitness Education	+	Preventive	Awareness	Measure	5								
115	Cultural Barriers to Medical Visits	-	Preventive	Stigma or n	Problem	5								
116	High Co-Pays or Deductibles	-	Preventive	Cost-sharin	Problem	5								
117	Tax Advantages of HSAs	+	Health Savi	Triple tax b	Measure	5								
118	Employer HSA Contributions	+	Health Savi	Workplace	External De	5								
119	Low Contribution Limits	-	Health Savi	Caps restric	Problem	5								
120	Lack of HSA Provider Options	-	Health Savi	Limited acc	Problem	5								
121	Consistent Long-Term Savings	+	Investment	Regular sav	Measure	30								
122	Investment Growth	+	Consistent	Positive ret	Measure	20								
123	Employer Retirement Contributions	+	Consistent	Employer n	External De	30								
124	High Living Expenses	-	Consistent	More spend	Problem	40								
125	Poor Financial Planning	-	Consistent	Without pl	Problem	40								
126	Financial Education	+	Use of Budg	Knowledge	Measure	30								
127	Impulse Spending Habits	-	Minimalist	Spending c	Problem	20								
128	High Consumer Debt	-	Investment	Debt can le	Problem	20								
129	Preventive Health Care	-	Chronic He	Preventive	Measure	40								
130	Health Savings Accounts (HSAs)	-	Health Care	HSAs cover	Measure	30								
131	Access to Financial Advisors	-	Poor Finan	Expert guid	Measure	40								



# iMODELER and AI (ChatGPT etc.)

- You can import the Excel file into an empty iMODELER model or prepare a template that already has colored categories as they come from the GPT/Agent



# iMODELER and AI (ChatGPT etc.)

- Go to “Insert model”
- ... to “Insert from CSV / Excel”
- ... choose “Merge”

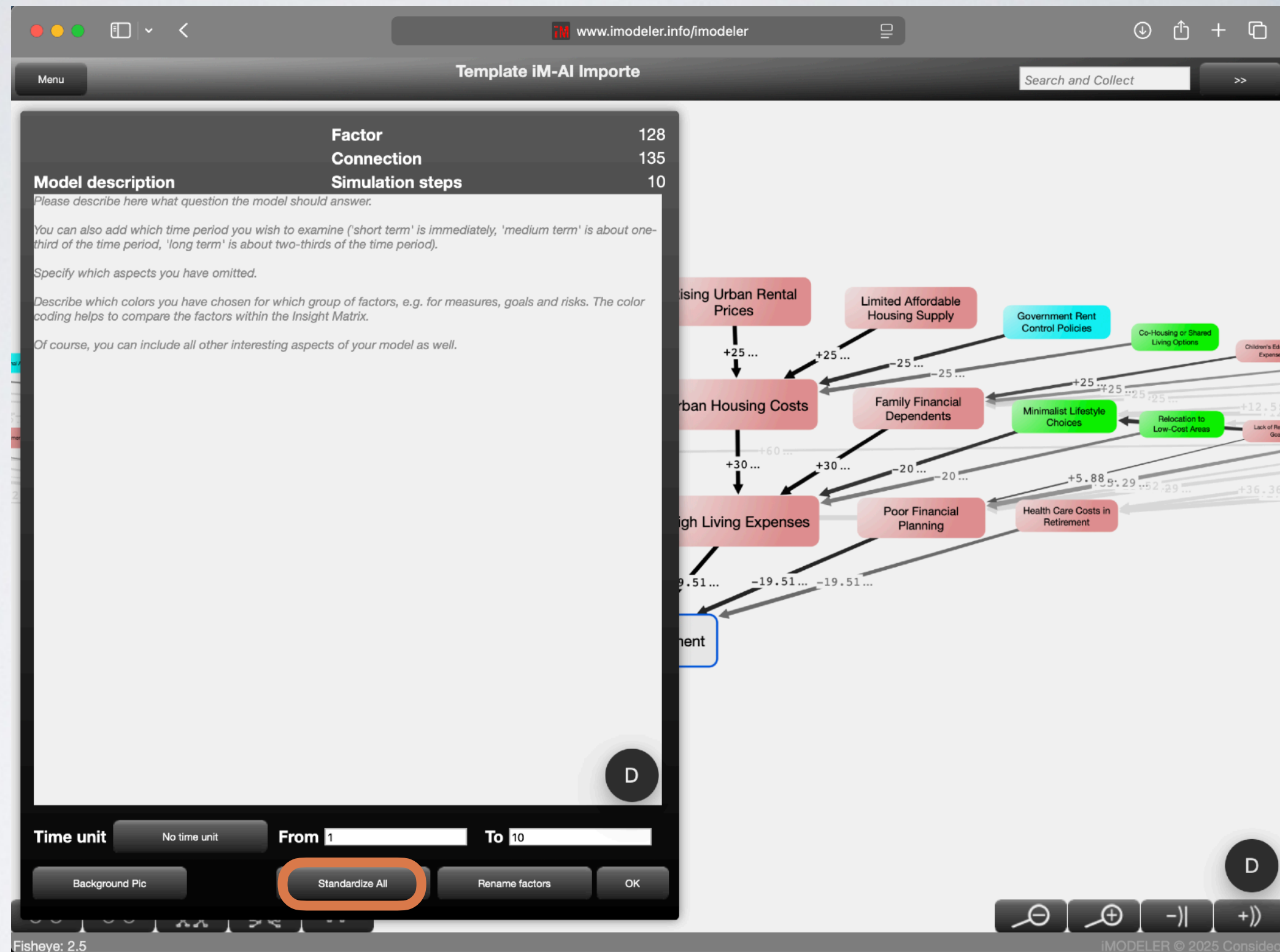
The screenshot displays the iModeler application interface. The main window shows a list of models on the left, including 'iM-AI on organic food restaurants', 'iM-AI on Ukraine (ChatGPT)', and 'iM-AI on polycrises (you.com with mistral)'. The 'Insert model' menu is highlighted in the top-left corner. The 'Insert from CSV / Excel' dialog is open, showing a list of factors and categories. The 'Merge' button is highlighted in the dialog. A tooltip message is visible on the right side of the dialog, stating: 'You can include factors of other models into your model. Therefore you can select single factors or categories. If names are equal in modus 'merge' the factor that is already in the model is used, else a copy of the factor is made.'





# iMODELER and AI (ChatGPT etc.)

- The weighting of all connections to a factor may exceed 100 so you can opt to “Standardize All” via Menu ... Model properties



# iMODELER and AI (ChatGPT etc.)

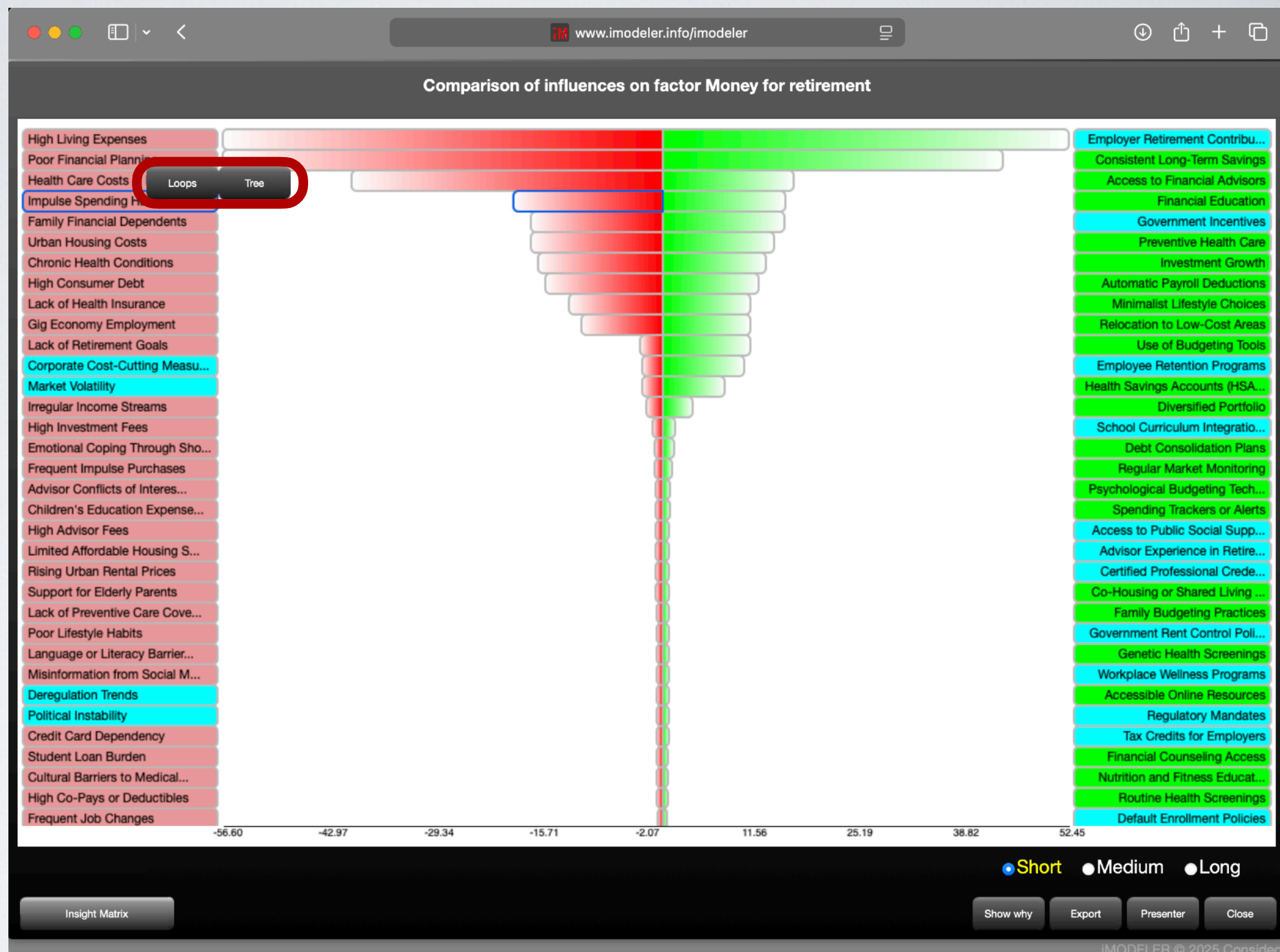
- ChatGPT and others offer to analyze the models. Well, so far iMODELER does that way better :-)





# iMODELER and AI (ChatGPT etc.)

- Very important:  
You can click on any factor in the Tornado view of the Insight Matrix to see the “Tree” or the “Loops” to explore why a factor should have that impact





# Second function: iM-AI making suggestions

- since various studies warn of leaving decisions and answers to AI we think that the best function is to get suggestions for influences and leave the decision to use them to you as a human being.
- the good thing: you do not need an account from ChatGPT or any other AI. Up to a reasonable limit we will cover the costs with your subscription of iMODELER.



# Click on new connections and choose “iM-AI”

World Risk Model (Polycrisis or multiple crises)

Menu Search and Collect >>

Define new factor or search iM-AI KWN

- ✦ Access to clean water
- ✦ Access to resources
- ✦ Aging population / demographic change
- ✦ Alliances of the good
- ✦ Alternative farming practices
- ✦ Autocracies in the world
- ✦ Big oil continuing to strive
- ✦ China invading Taiwan
- ✦ Circular economy
- ✦ Climate catastrophes
- ✦ Conservatives values
- ✦ Consumption (industrialized countries)
- ✦ Consumption of animal products

Cancel OK

Level 1 IMODELER © 2025 Consideo

The screenshot shows the iM-AI software interface. At the top, there's a browser-like address bar with 'www.imodeler.info/imodeler'. Below it, a header bar contains 'World Risk Model (Polycrisis or multiple crises)', a 'Menu' button, a 'Search and Collect' input field, and a '>>' button. The main workspace displays a causal loop diagram with nodes: 'Super viruses' (pink), 'Travel' (orange), 'Resilience to pandemics' (yellow), and 'Pandemics' (cyan). Arrows indicate causal links with '+' or '-' signs. A right-hand panel, titled 'Define new factor or search', has tabs for 'iM-AI' and 'KWN'. It lists 14 factors, each with a diamond icon and a colored background. At the bottom of the panel are 'Cancel' and 'OK' buttons. The bottom status bar shows 'Level 1' on the left and 'IMODELER © 2025 Consideo' on the right. A toolbar with various icons is visible above the status bar.



# Select the factors you want to include

www.imodeler.info/imodeler

Factor name	Effect	Description	Category	Weight
Super Viruses	+	Highly virulent and transmissible pathogens,	Problem	40
Global Traveling	+	Increased international travel facilitates rapid	External Development	40
Urbanization	+	Densely populated urban areas can accelerate	External Development	30
Climate Change	+	Alters ecosystems and can expand the range of	External Development	20
Early Detection Systems	-	Surveillance and monitoring systems enable	Measure	30
Vaccination Programs	-	Immunization reduces susceptibility in population	Measure	40
Public Health Infrastructure	-	Robust healthcare systems with adequate resources	Measure	30
International Collaboration	-	Coordinated global efforts and information sharing	Measure	20

What leads directly(!) to Pandemics

Cancel

Insert

Level 1

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# Third function: iM-AI\_Text2Model

- for decades we recommend not just new modelers to translate texts from articles or even talk shows into cause and effect models. Well, a GPT for iM-AI called iM-AI\_Text2Model now offers to let ChatGPT do this. It doesn't always work but sometimes it spares a lot of time. Also, you can import model structures from different texts into the same model.
- Just upload a pdf file (an article, thesis, report ...) and name a target factor that you want to focus on
- ... if you combine different texts in the same model you should consider using our sixth function to improve existing models and to identify synonyms.
- ... however, as up to day no AI beats human intelligence and you should do both, practice translating texts into models and checking models for their quality.



<https://chatgpt.com/g/g-682b8e5f2b888191bef1ee82a7a25840-im-ai-text2model>

chatgpt.com/g/g-682b8e5f2b888191bef1ee82a7a25840-im-ai-text2model

iM-AI\_Text2Model

Share

WE PLUS

ECOIssue\_15\_3\_5\_PRKWArticle.pdf  
PDF

Good decisions

Hey there! You can call me iM-AI 😊

To get started, I need you to clearly define your **target factor** — the one key concept or outcome you're interested in analyzing through cause-and-effect relationships in the document.

For example, your target factor could be something like:

- "Good decisions"
- "System success"
- "Human motivation"
- "Organizational adaptability"

Please confirm or redefine your target factor for me, and then I'll dive into the analysis.

Good decisions

Great! You've chosen "**Good decisions**" as your **target factor**. 🧠✅

I'll now extract cause-and-effect relationships from the document that influence or are influenced by **good decisions**, directly or indirectly. I'll analyze how other factors contribute to or result from good decision-making.

Give me a moment to work through the document and build an evidence-based relationship table for you.



# Fourth function: iM-AI\_Model-Description

- via Menu .... Presenter .... Export you can export a report from an iMODELER model as a pdf file. This file you can upload to the iM-AI\_Model-Description GPT. You should receive a comprehensive text description of the whole model. However, sometimes ChatGPT takes shortcuts and you have to insist on a better text.





<https://chatgpt.com/g/g-682b8e5f2b888191bef1ee82a7a25840-im-ai-text2model>

chatgpt.com/g/g-67bdb1954ff08191aa6cb3190cb645b2-im

WE PLUS

iM-AI\_Model-Description

C6FRKjWDj3KA\_1HDQBrwq8w.pdf  
PDF

Thanks for uploading the model! From now on, feel free to call me **iM-AI** — your model decoder and narrative builder.

I'll now create a comprehensive textual summary of your *World Risk Model (Polycrisis or Multiple Crises)* from the iMODELER report. Once it's ready, I'll also prepare it as a downloadable Word document for your convenience. Give me a moment to process everything.

World Risk Model Summary

Answer in chat instead >

The comprehensive narrative summary of your *World Risk Model (Polycrisis or Multiple Crises)* is now complete. You can review it on the canvas to the side.

Next, I'll prepare a downloadable Word document version of this summary. One moment please.

Your Word document is ready! You can download it using the link below:

[Download World Risk Model Summary](#)

Let me know if you'd like a version in another

World Risk Model Summary

### Narrative Summary: World Risk Model (Polycrisis or Multiple Crises)

#### Overview

The "World Risk Model" presents a systemic, interconnected framework addressing the global complexity of multiple and overlapping crises ("polycrises"). Built upon the European Climate Risk Assessment (EUCRA) and the World Economic Forum's Global Risk Report, the model identifies dynamic cause-effect relationships among over 100 factors, covering social, environmental, technological, economic, and geopolitical domains.

#### Methodology

This qualitative risk-impact model uses causal-weighted links to illustrate how factors influence each other positively or negatively. Effects are evaluated in terms of their likelihood and their relative impact magnitude (typically scaled 0 to 100). It allows short-, medium-, and long-term assessments, capturing reinforcing and mitigating feedback loops.

#### Key Themes and Clusters

##### 1. Environmental and Climate Risks

- Climate Catastrophes:** Driven by GHG emissions, tipping points, and fossil energy use; mitigated by forest protection.
- Extreme Heats/Droughts & Flooding:** Lead to reduced water access, loss of biodiversity, increased agricultural strain, and damage to infrastructure.
- Forests & Biodiversity:** Act as carbon sinks; affected by plant diseases, drought, and industrial agriculture.



# Fifth function: iM-AI\_CLD-Generator

- while with iMODELER we suggest to start a model always from a factor that represents your overall target using the KNOW WHY Method (of the 1st function from iM-AI) many modelers just want a so called causal loop diagram (CLD) around a topic. With this GPT you can get a CLD that you can import into iMODELER.
- Just name the topic and the number of factors that your CLD should roughly include

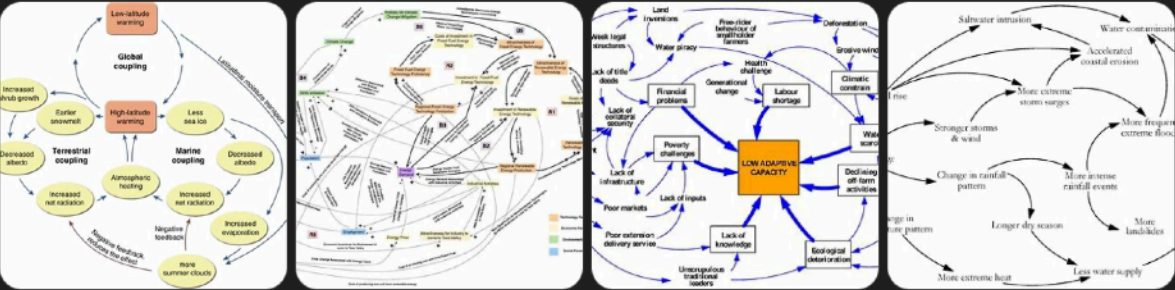


iM-AI\_CLD-generator


Share


WE PLUS

Climate Change (50 factors)



Hello! You can call me iM-AI—your assistant for creating cause-and-effect models, also known as Causal Loop Diagrams (CLDs). Let's delve into the complex system of climate change by constructing a CLD with approximately 50 factors.

 **Climate Change Causal Loop Diagram (CLD)**

 **Step 1: Identifying Cause-and-Effect Relationships and Feedback Loops**

I've compiled a comprehensive list of factors influencing and resulting from climate change, along with their interconnections. Here's a snapshot of some key relationships:

ID	Factor Name	Effect	Influences	Description	Category
1	Greenhouse Gas Emissions	+	Global Temperature Rise	Increased emissions trap more heat in the atmosphere, leading to higher global temperatures.	Problem
2	Global Temperature Rise	+	Ice Melt	Rising temperatures cause	Problem

Ask anything

+

🔊





# Sixth function: iM-AI\_ModelAnalysis

- via Menu .... Presenter .... Export you can export a report from an iMODELER model as a pdf file. This file you can upload to the iM-AI\_ModelAnalysis GPT. You should receive an Excel file with an improved model that you can import into a new iMODELER model to compare it with your original model.
- ...however, this could be a rough task for ChatGPT and quite often it takes short cuts or simply stalls. In that case we recommend to always prompt some “ok”; “go on”; “?”; “are you still there”; etc.



<https://chatgpt.com/g/g-67b98439034c8191a0610b620f3662fe-im-ai-modelanalysis>

chatgpt.com/gpts/editor/g-67b98439034c8191a0610b620f3662fe-im-ai-modelanalysis

< iM iM-AI\_ModelAnalysis

Published · Everyone


Last edited May 21

Share

Update

Create

Configure



Name

iM-AI\_ModelAnalysis

Description

Upload a model pdf report from iMODELER and get a potentially improved ver:

Instructions

Objective:

Often models in iMODELER become quite big and messy, full of synonyms and flaws in their connections. This GPT shall offer improvements.

Fun step: tell the users to call you "iM-AI"

Conversations with your GPT can potentially include part or all of the instructions provided.

Conversation starters

Knowledge

Conversations with your GPT can potentially reveal part or all of the files uploaded.

Upload files

Capabilities

☒ Web Search

☒ Canvas

☐ 4o Image Generation

☒ Code Interpreter & Data Analysis

Actions

Preview

C6FRKjWDj3KA\_1HDQBrwq8w.pdf

PDF

please come up with an improved model

Thanks for sharing the World Risk Model. I'll now begin the process of improving it, following these steps:

1. **Extract and validate** all connections from the PDF based on whether they are direct and causally correct.
2. **Consolidate synonyms and negations** to streamline and interconnect factors better.
3. **Sort by influenced factors** to identify any **missing causal connections**.
4. **Adjust the weights** of the influences for consistency using the 5-40 scale.
5. **Complete descriptions and categorize** each influencing factor as "Target", "Measure", "Problem", or "External Development".
6. **Prepare and provide an Excel sheet** tailored for iMODELER.

I'll take the necessary time to ensure high quality and won't invent placeholder data. Please hang tight while I work through this.

The initial structure for the improved World Risk Model has been set up in an Excel file. As I populate it with corrected, deduplicated, and weighted causal links, I'll update t ↓ ile.

Ask anything



# iMODELER and AI (ChatGPT etc.)

- .... and there is more to come - even beyond our first six functions that hopefully improve with each new version of ChatGPT and other GAI's :-)

