

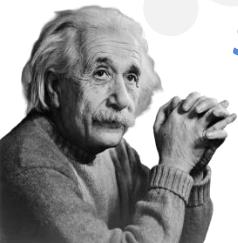


Future for Finland

Reaching success by using systems thinking

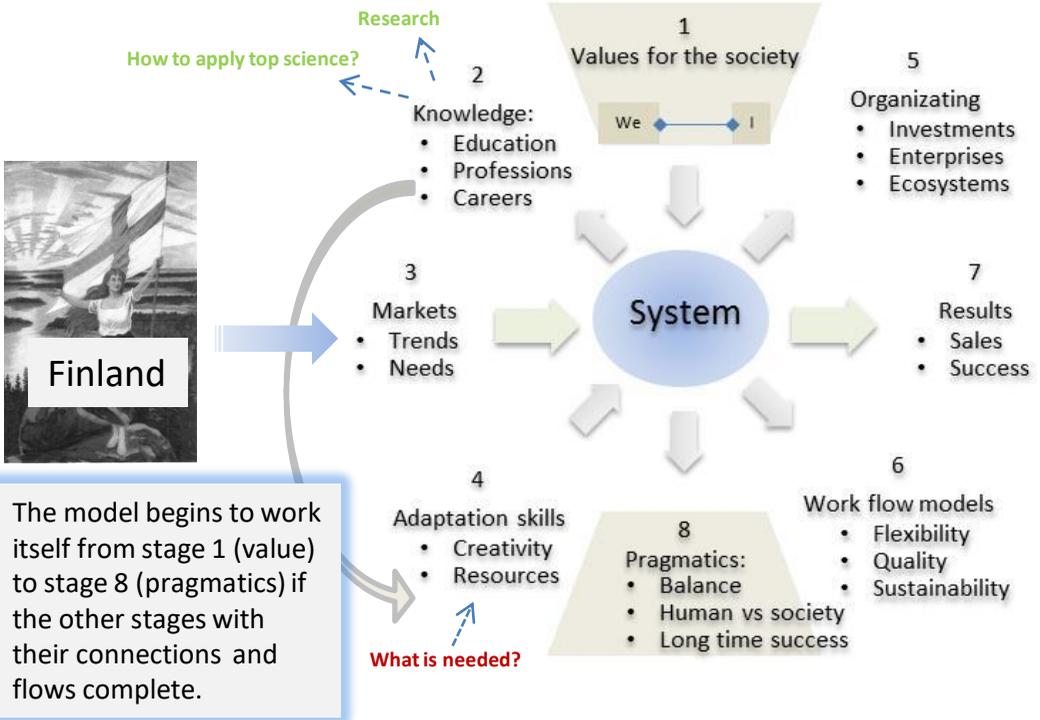
GoodReason – technology introduces benefits of rational and visual thinking, appreciated by Einstein, to improve our every day thinking level, which often seems to ignore creative future possibilities, because it has no means to understand most complex needs and conditions of our challenging society.

*Systematic skills for early adapters
and business professionals
for Finland*



Visual thinking reveals aspects of intentionality

You can begin flexibly by drawing a model for intentionality of the key system. The drawing gets more complete when you add all relevant terms in the sectors.



Method: At first you place the meaning of the selected system into the center and into each direction (8) the most relevant topics, partners and actors. Each sector should be scaled according to the distance from the center and place (angle) in the arc in relation to the most relevant measure. Now each important topic has places in sectors. Then topics are connected by arrows, and you will get a semantic map, a simple cybernetic model, which is a plan for future. For the most important systems (customer, partner..) a specific drawing is needed. Using a computer for data makes it possible to create an interactive educational application for the system meaning.

Reaching a priori knowledge from intentionality is the best initial approach for developing politics, management, economy etc, because this valuable info occurs before anything real happens.

Reaching insights by rationality

Method: A rational model for a system is made when it with certain schemas is connected with its controlling (adaptation) loop to the environment.

Using only four (4) schema types you can visualize 80% of systemic information, it means the most important generic principles, the laws which can be found everywhere in society and nature:

1. **Intentionality** means personality and/or purpose of an organization
2. Causality and **functionality** describe cause-effect - relations
3. **Reactivity** describes response of a system into input in certain contexts
4. **Structure** means architecture or implementation of organization levels

For each type of explanation there are some drawing types (smart objects in Office). The are schemes, which everybody learns to use. Some uses for it is to create for the country Finland the intentional model, a generic service concept with its requirements, and principle how this country should react to any enquirements, as well as a structure model with infrastructure, education systems etc.

Not bad. Using that explanation model you can build comprehension about how to develop industrial life, production, society, education system, economy etc. It is everyday cybernetics to use of everybody.

1. Intentionality from the center.



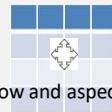
2. Services with their logic phases.



3. System is reacting for its reponse.



4. System's architecture.

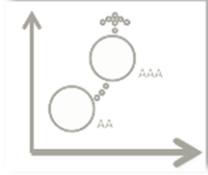


Each level in a row and aspects in columns.

"Society game" works so that the structure, intentionality, functionality and reactivity each in its turn explain others. You will get insights and ideas to learn more. You can "meta-think" whether a structure is excellent or even incorrect, or a service is good or wrong, whether there is a like or dislike relation between systems, or to study whether it is too wicked to reach balance. *By thinking a system with a possible ideal makes your thoughts to fly.*



Ensuring us a better Finland



We meet too often situations where invalid argumentation is used to ensure ones position in competition against others, which is sad, decreasing confidence in all society levels. *Systems thinking is the best way to meet those kinds of challenges.*

Future cannot be predicted from too old data.

Instead, by reaching comprehension from schemas of current systems we get *insights* from certain contexts. By inductive reasoning one creates *outsights* whether some system reach success or not, and does some phenomenon occur. If you are able to argument it in time, you gets consensus and confidence and financing for your big deals.

In evaluating future it is most important to recognize possible hierarchy: mental models, logical networks, and the physical level with generic and special patterns, archetypes and critical forces, which lead to emergence.

GoodReason is intended for leaders and managers, who are facing huge challenges and ready to improve their own thinking styles to solve them.



OBS. It is not possible to find answers by using mathematics, everyday thinking or traditional research, for the following:

- Evaluating EU administration
- Debate of the Ukraine crisis
- Improving educational systems
- Problems of innovation systems
- How to make capital moving
- Dramatic stop of Finnish IT

More: www.goodreason.fi

The author *Erkki Laitila* has made his PhD - thesis about Symbolic analysis (IT). He is a strong specialist in knowledge , AI, IT and models. As a pioneer of systems thinking in Finland he makes courses for universities and works as a facilitator when solving wicked problems like

- Society service models
- Challenges of ecosystems
- System ecology and sustainability

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erkki.laitila@goodreason.fi

About systems thinking:

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