



DYNAMIX

Decoupling growth from resource use
and its environmental impacts

The Sensitivity Model

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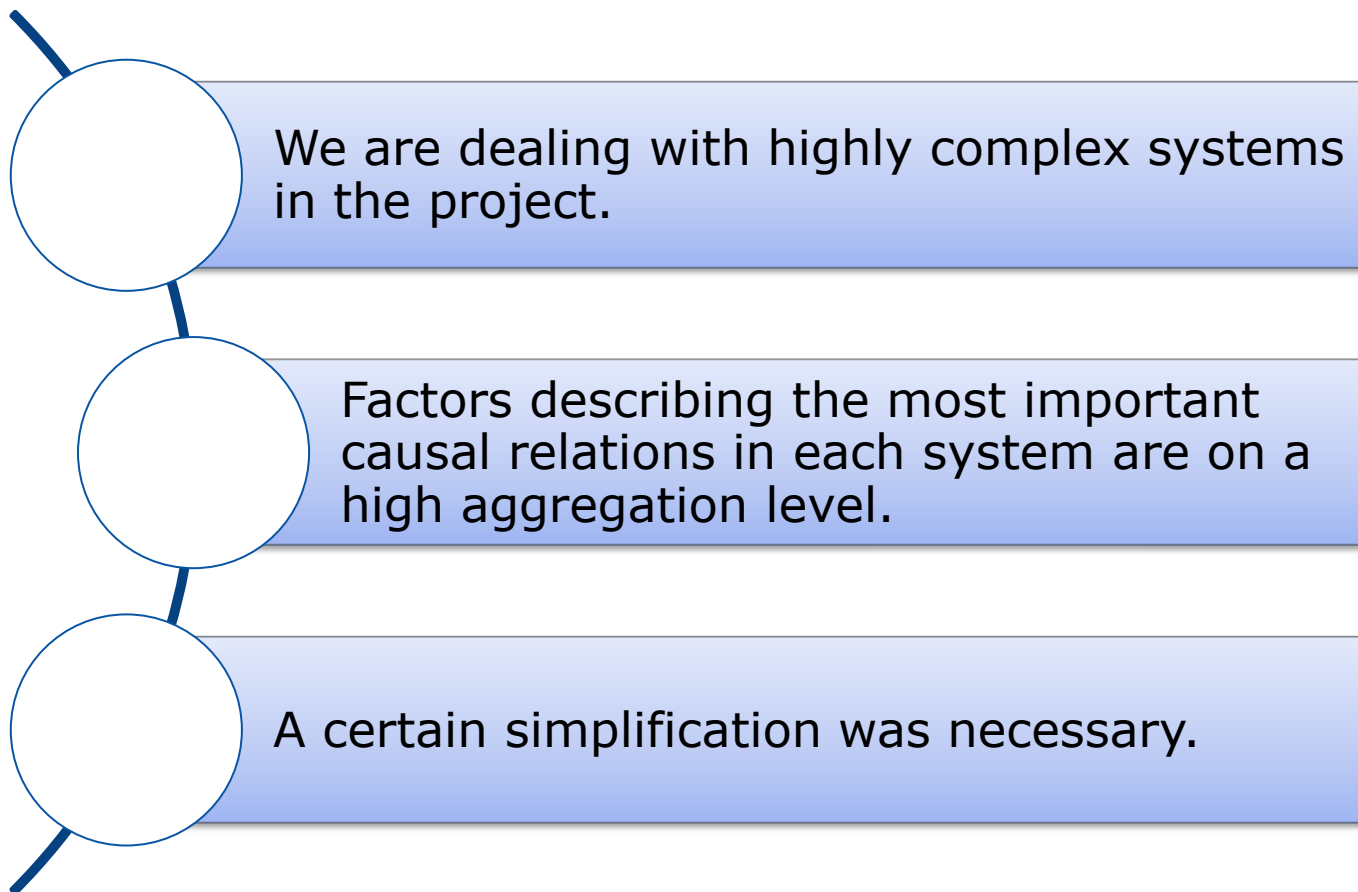
TO UNDERSTAND COMPLEX SYSTEMS WE NEED:

A PROCESS which helps multidisciplinary groups to develop a systemic view on complex problems

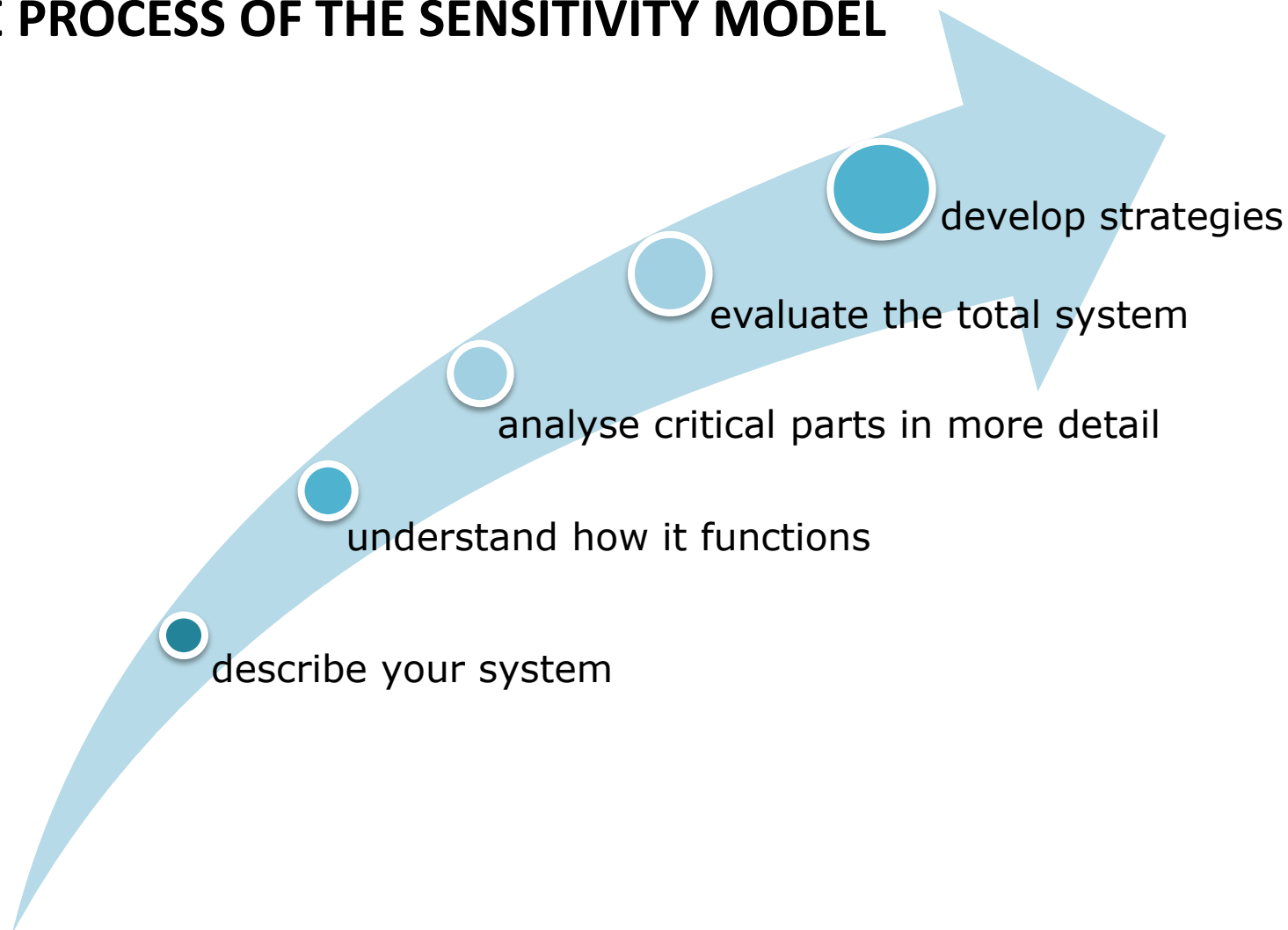
A FORUM for people who otherwise don't talk to each other

A DECISION SUPPORT TOOL which clearly states all interrelations

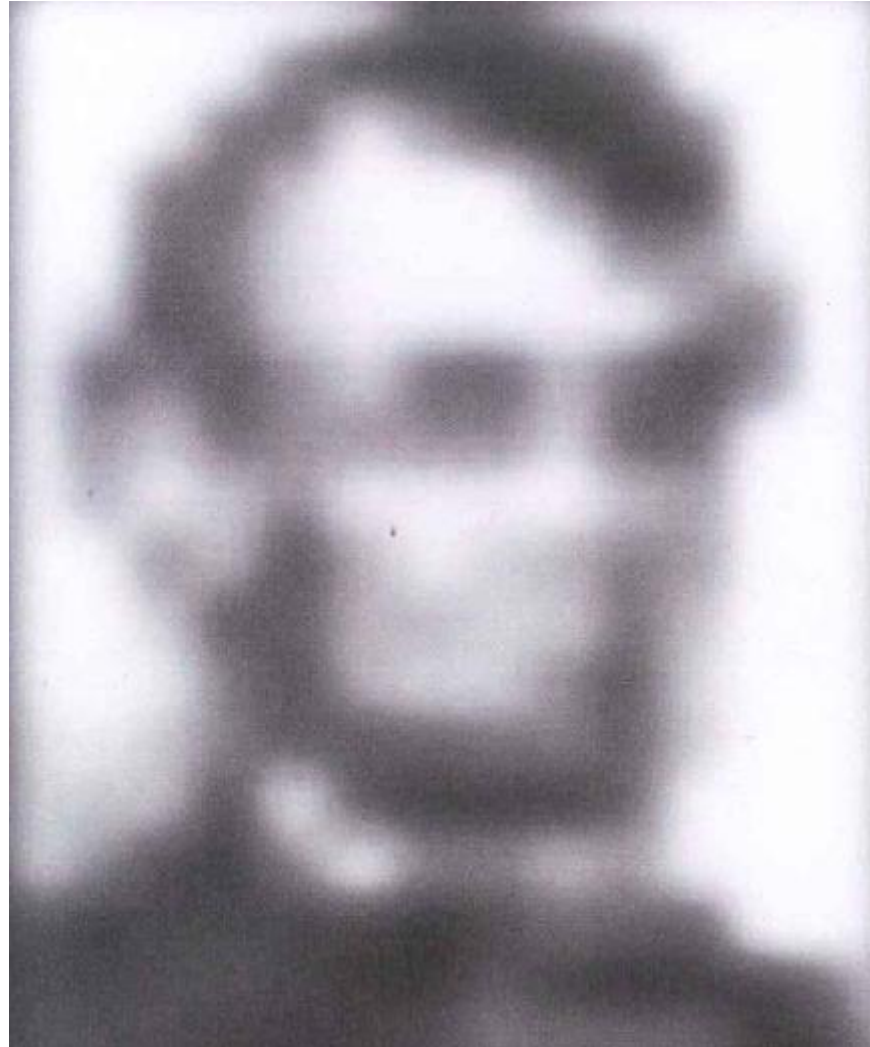
YOU SHOULD BE AWARE THAT ...



THE PROCESS OF THE SENSITIVITY MODEL



DESCRIBE YOUR SYSTEM



UNDERSTAND RELATIONS BETWEEN VARIABLES

1 Impact Matrix: Land use											
2 Summary (work in progress)											
3											
4 Affected by change:		1	2	3	4	5	6	7	8	9	10
5 Changes:		Population growth	Consumption of meat, dairy products and eggs	Total consumption of food	Proportion of food waste	Degree of environmental knowledge	Strength of EU biodiversity policy	Strength of EU water policy	Strength of EU soil policy	EU biofuel targets	Increase of financing under CAP
6	1 Population growth	X	1	2	1	0	0	0	0	0	0
7	2 Consumption of meat, dairy products and eggs	0	X	0	0	0	0	0	0	0	0
8	3 Total consumption of food	0	0	X	1	0	0	0	0	0	0
9	4 Proportion of food waste	0	1	1	X	0	0	0	0	0	0
10	5 Degree of environmental knowledge	0	1	0	1	X	0	0	0	0	0
11	6 Strength of EU biodiversity policy	0	0	0	0	0	X	0	0	0	0
12	7 Strength of EU water policy	0	0	0	0	0	0	X	0	0	0

WHAT KIND OF SYSTEM ARE YOU DEALING WITH?



THANK YOU FOR LISTENING

QUESTIONS?