

A resilient operating model

Organizing success critical tasks in a production plant with the Viable System Model



Nice to meet you!

Judith Hennemann

49 years old

Organizational Development Manager with Continental

- Diploma in Industrial Sociology
- **VSM Coach**
- Influenced by shopfloor culture
- Poetry writer









What the Viable System Model can do for you



Segmentation check: Is our organizational setup conducive for creating value for the market?



Manageability check: Is our organization controllable from the management's point of view?



Control of complexity: What drivers of complexity are we facing, what practices do we use for modulation?



Control of major challenges: Does our organizational setup cover the management of all major challenges?



Decentral or central decision making: On which level of the organization should decisions on major challenges be made?

Automotive Organizational Development

What the Viable System Model can help you create

Diagnose_Org_Setup

Meeting_Structure

Communication_Structure

Viability

Resilience

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Stress Test

RASIC Operating_Model

Responsiveness

Modulating_Complexity

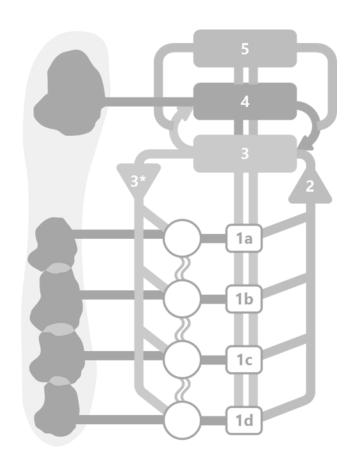
Organizational_Design

Meeting_Agendas

Flight_Levels

Role_Description

De(central)_Decisionmaking



https://simplewordcloud.com/

The request from the senior management



Define crucial competences of a resilient production plant

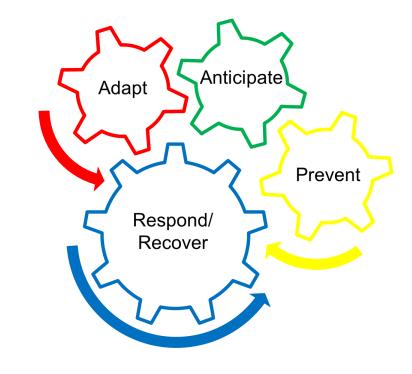


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Organizational Resilience

"An organization can be operationally resilient when they anticipate, prevent, recover from, and adapt to adverse operational events."

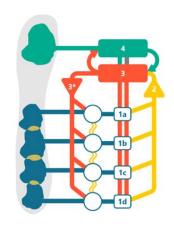
https://www.servicenow.com/products/governance-risk-and-compliance/what-is-operational-resilience.html



Effectiveness Study on Viable System Model (VSM): "The VSM endows practitioners (...) with a precious, effective conceptual device to enable better organization and management. (...) This implies that the VSM is a reliable orientation device for the diagnosis and design of organizations to strengthen their vitality, resilience, and development potential."

https://www.alexandria.unisg.ch/server/api/core/bitstreams/47da4789-4257-4c74-ad5a-9185fe54afc4/content

*Markus Schwaninger and Christine Scheef (2016), Institute of Management, University of St. Gallen, Switzerland



System 5:	Business Mission (Purpose, Identity)
System 4:	Outside & Then (Strategy)
System 3*:	Real-Life Information (Audits, Surveys)
System 3:	Inside & Now (Synergies, overall optimizing)
System 2:	(self-) Coordination
System 1:	(self-steering) Operation, Fulfill purpose



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Groundwork upfront

 Understanding matrix organization and nesting around the system in focus

Collect stakeholders in and outside the plant

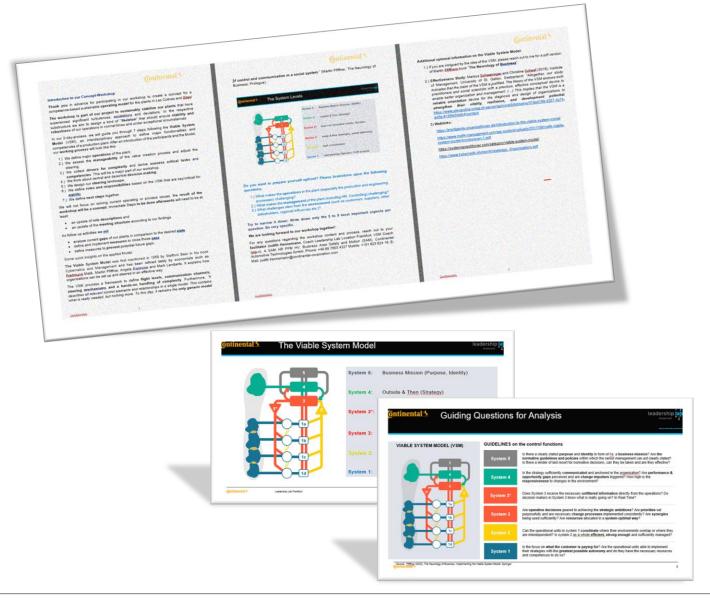


Groundwork upfront

3-Pager for the Participants:

- Objective of workshop
- Model with background information
- Link to an effectiveness study on VSM
- Facilitator contact data
- Laminated handout with model and guiding questions

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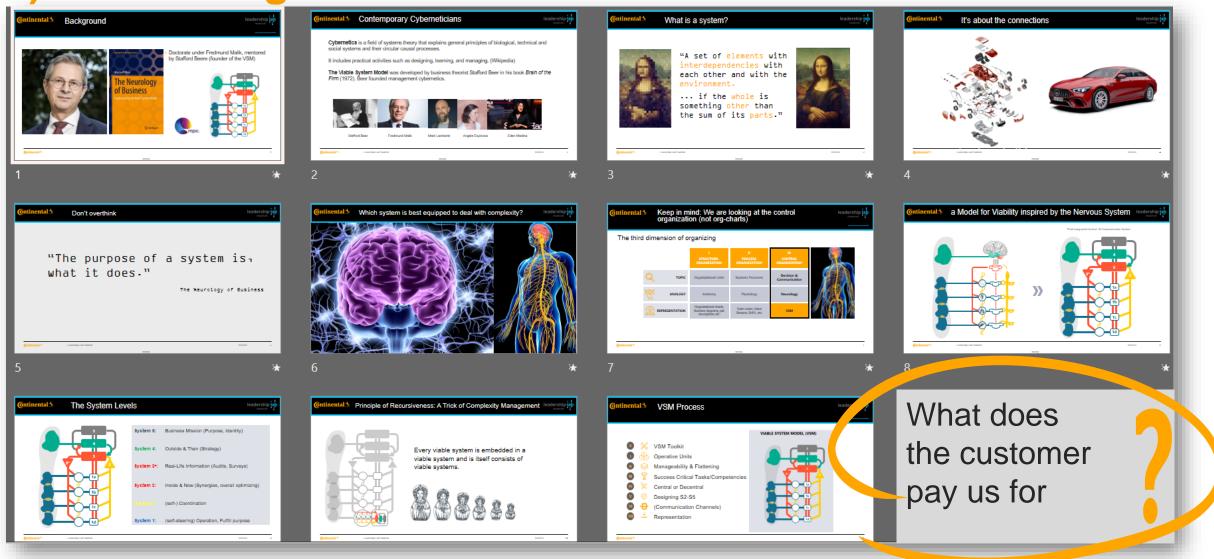
2day workshop agenda

Time	Content First Day	Method	
08:00	Welcome, Agenda, Introduction	Presentation/Talk	
08:45	Introduction to the Viable System Model: The Model and how it helps us with regards to stability	Presentation	
09:15	Get an overview on the current organization, define scope of our concept	Flipchart	
09:45	Purpose of the Plant (customer buying criteria, strategy)	Template, slides	
10:15	Break	Template	
10:30	Decide segmentation of the core process (from the perspective of core competencies)	Template	
11:30	Check manageability (steering of core processes)	Template	
12:30	Lunch Break		
13:30	Strengthen steering roles (if necessary)	Templates	
14:00	Core tasks (drivers for complexity, based on core processes and steering needs)	Template, complexity input	
15:00	Break	Presentation	
15:15	Core competencies	Template	
17:30	End		

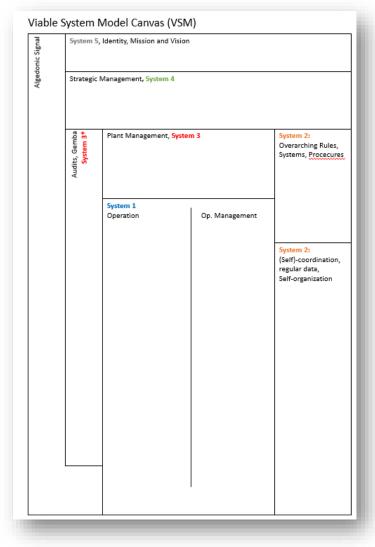
Time	Content Second Day	Method
08:00	Recap First Day, still on track? What's on the agenda today ?	Agenda
08:30	Decisionmaking (central, decentral: Where to place core decisions, decision tree)	Templates
09:30	Break	
09:45	Create steering and communication structure: Ensure stability of core processes by steering and support structure	
11:45	Create RASI Chart	
12:30	Lunch Break	
13:30	Finalize the skeleton concept	
15:30	Join sharing session in plenum	
17:00	End of workshop	

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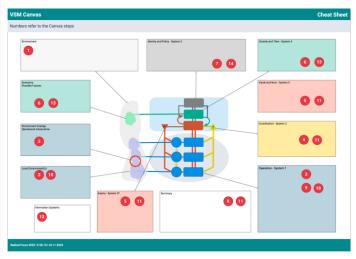
1) Introducing the model

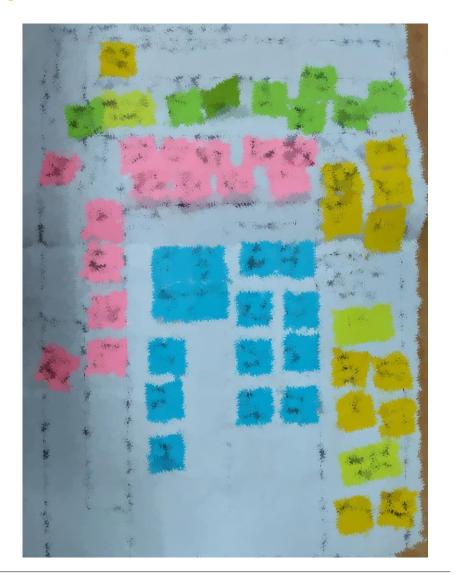


2) Collecting all the elements of the system

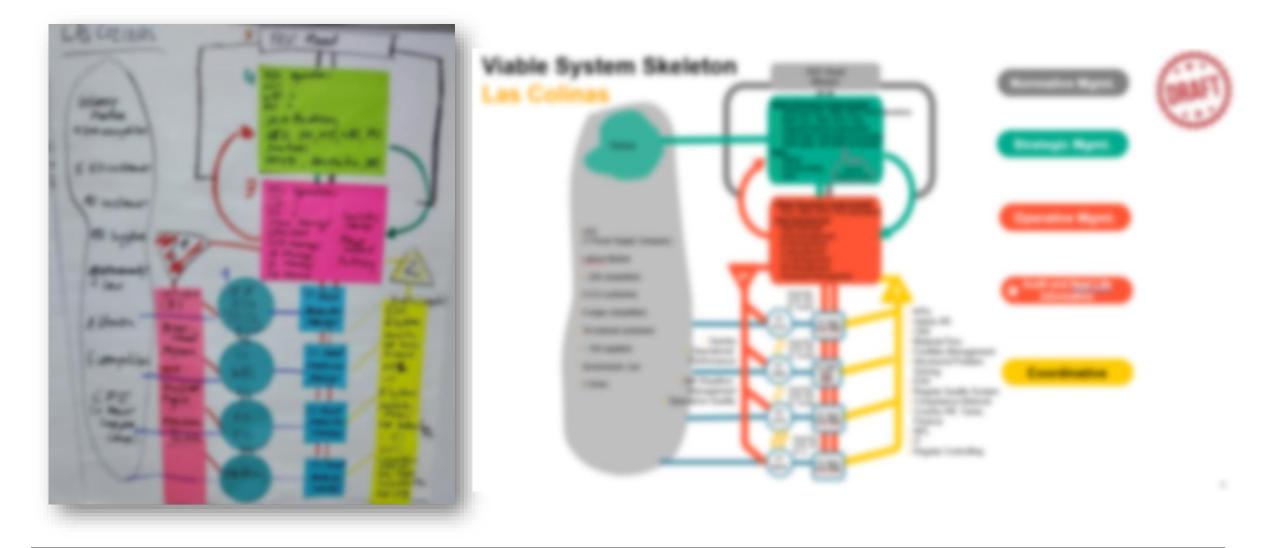


- Canvas by
 Mark Lambertz or
 Krishan Mathis
- Can combine several recursion levels
- Bridges the org chart to the model





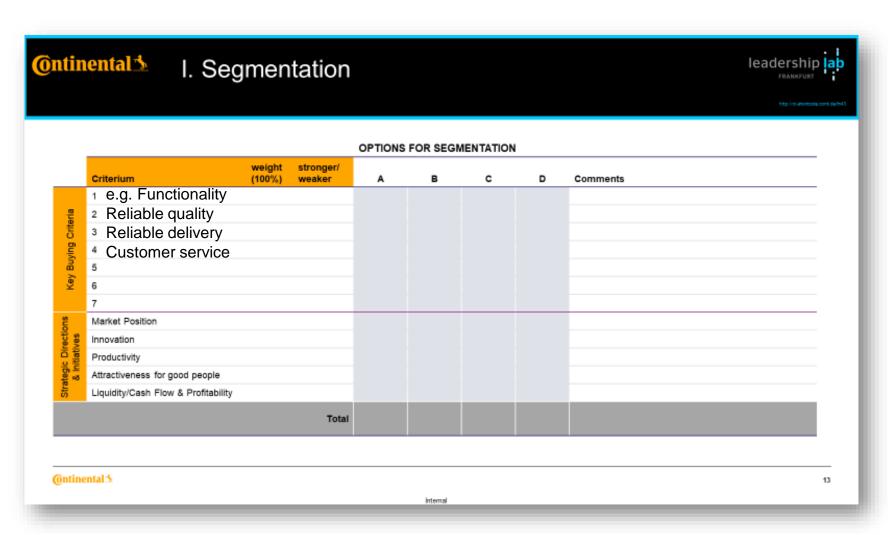
3) Drafting the system in focus





4) Martin's segmentation check

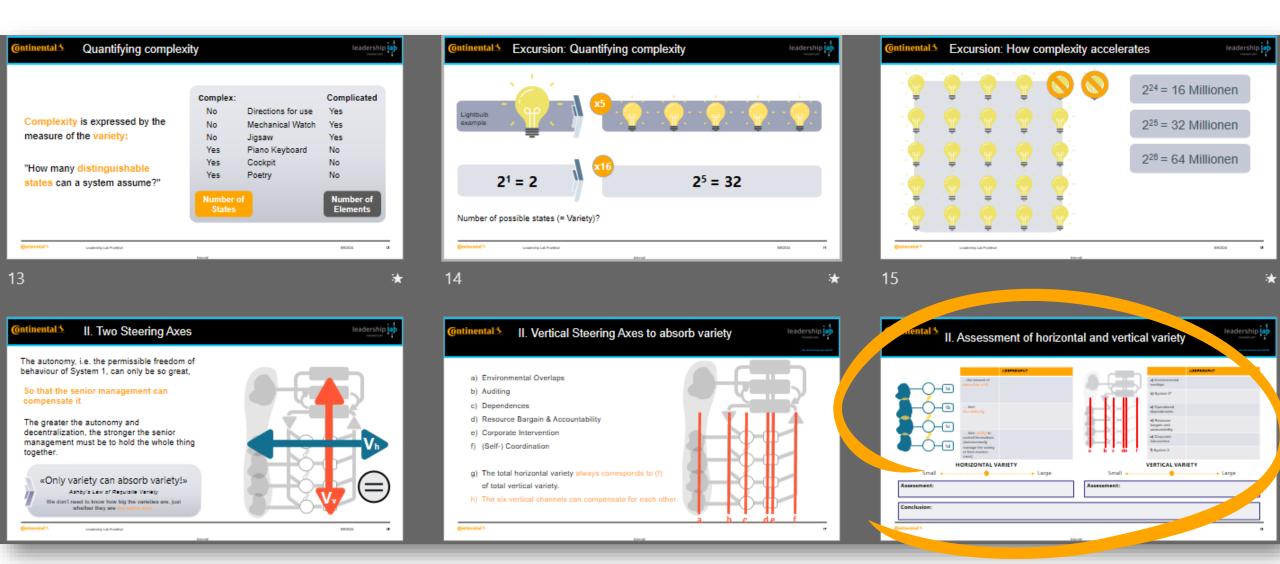
- Fill in customer buying criteria
- Have the strategy at hand!





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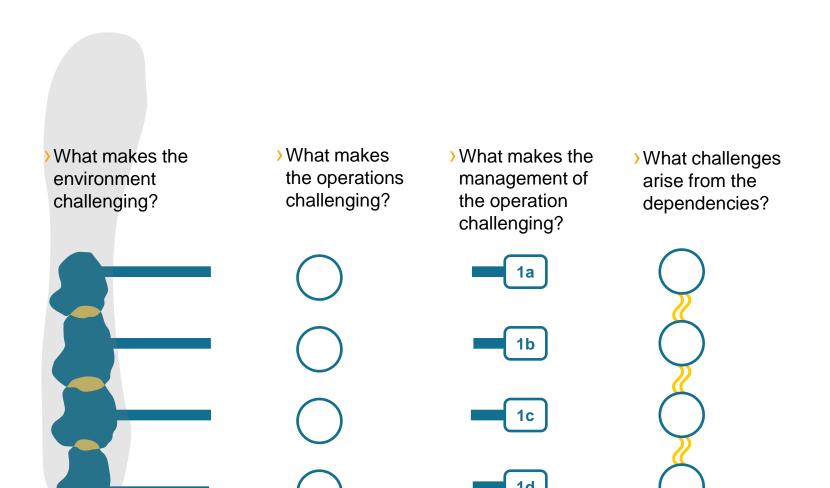
5) Complexity input and Martin's manageability check

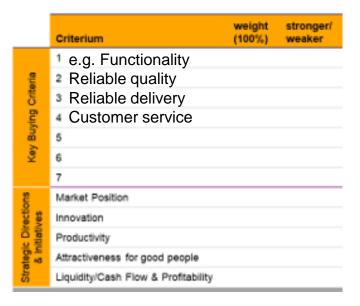




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6) Collecting challenges from different perspectives



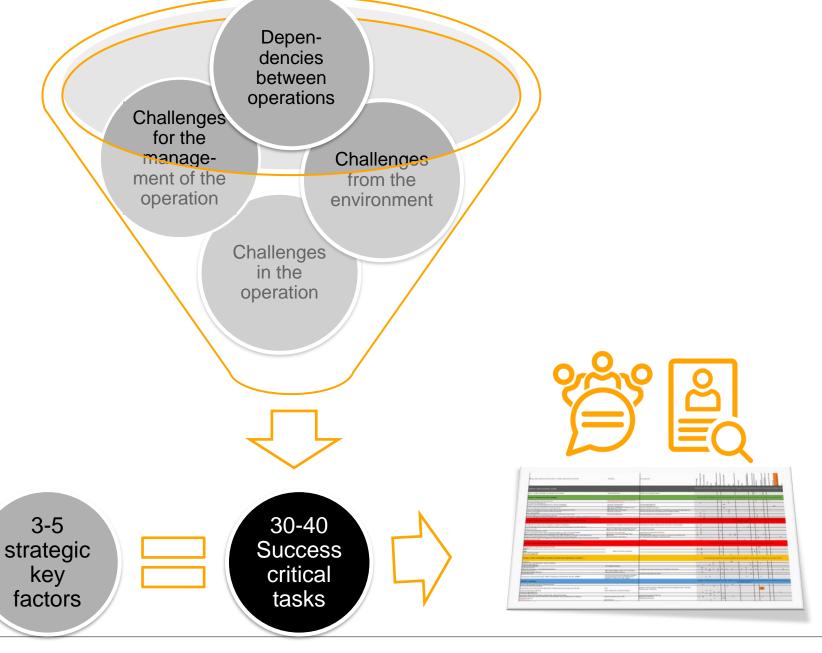


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6a) Pick key challenges



7) Derive success critical tasks



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3-5

customer

buying

criteria

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8.) RACI, role landscape and key factors for resilience



Lessons learned



- > Theory and systemic vocabulary: As little as possible, as much as necessary
- Business objective comes first
- > Templates and handouts are useful

Prepare understanding of context,
 stakeholders,
 nesting of the organization beforehand
 Not too many participants, but the right ones

Too complicated..... if not asked for, don't use the model for visualization of results



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