Before we start

Peer Learning Session 4: Valueflows



Common visual language

and who to talk to

Common language

Bridging any

- Language barriers
- Knowledge silos

Sensing & anchoring

- Common principle
- Wordsmithing

Specifying

- Valueflows
- Experiments



Serste

11-16-03 AM

I like very much how lateral thinking is always present in this discussion. Sometimes the absurd is helpful... I'm seeing it working well in picturing all these 'other levels' we are trying to describe.



Sebnem Rusitschka

Dadakin it is :)

Community member



Serste

10.00.40 DM

Oh Sebnem! I want to thank you because your verbalization and the diagrams you do are helping me a lot to keep up

that, and Judy's reports

12:04:15 PM

I do value this talents a lot, since I don't have them... this thinking 12:05:11 PM about the value of art vs other talents'



Sebnem Rusitschka

12:15:24 DM

Thanks @serste2 same goes to DADAkin:) it's really unique to have such value aligned community, your feedback comes at perfect time - b/c I was worried a bit that those diagrams bore the hell out of the participants we'll move to more storytelling one one side and more computer modeling on the other now. The valueflows diagrams are an anchor then:)



Serste

exactly, an anchor!



Bea Ramos admin Sebnem Rusitschka

Thanks @serste2 same goes to DADAkin :) it's really unique t...

Your diagrams are amazing. Remember, we are visual, it's eactually super helpful. I based the second scenario on your model.



Modeler





Common language

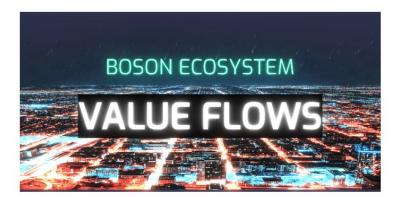
"Marketing" too?!

Boson Ecosystem Value Flows

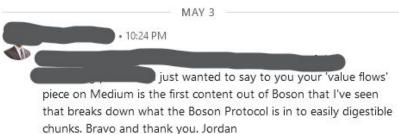
What values does \$BOSON represent? Which incentive mechanisms make value flow in the Boson dCommerce network?











Mission accomplished.





First! hone your Counterintuition

When you tokenize, i.e. make a system

- more complex!,
- more adaptive!!,
- more dynamic!!!

Keep in mind:

- Leverage points are not intuitive.
- В. If they are, we intuitively use them backward, systematically worsening whatever "problems" we are trying to "solve".

"This is a **HUGE NEW SYSTEM** people are inventing!" I said to myself.

"They haven't the **SLIGHTEST IDEA** how this complex structure will behave," myself said back to me.

Donella Meadows





Only then you can reason about leverage points!

Leverage points (in increasing order of effectiveness)

- 9. Constants, parameters, numbers (subsidies, taxes, standards).
- 8. Regulating negative feedback loops.
- 7. Driving positive feedback loops.
- 6. Material flows and nodes of material intersection.
- 5. Information flows.
- 4. The rules of the system (incentives, punishments, constraints).
- 3. The distribution of power over the rules of the system.
- 2. The goals of the system.
- 1. The mindset or paradigm out of which the system
 - its goals, power structure, rules, its culture arises.

You probably started here



"Ecosystem Value Flows" helps you focus here, if you struggle

Check out "the revisited list" with 12 points, including new #1 "Power to transcend paradigms"



Systems Thinking



66 A system is a set of related components that work together in a particular environment to perform Whateverfunctions are required to achieve the system's objective. 99

~ Donella Meadows

@unschools | @leylaacaroglu



"Tools for Systems Thinkers," Leyla Acaroglu, Disrupt Design

https://medium.com/disruptivedesign/tools-for-systems-think ers-the-6-fundamental-concept s-of-systems-thinking-379cdac 3dc6a

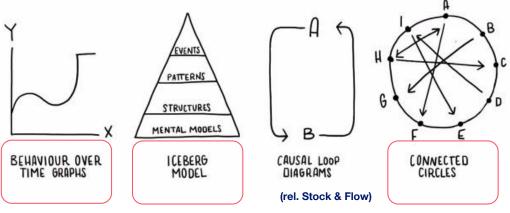






"Tools for Systems Thinkers"

TYPES OF SYSTEM MAPPING



- ~ Stakeholder stories II
- ~ Games

- ~ Stakeholder stories I
- ~ Games

~ Motivation Matrix

"<u>Tools for Systems Thinkers,</u>" Leyla Acaroglu, Disrupt Design

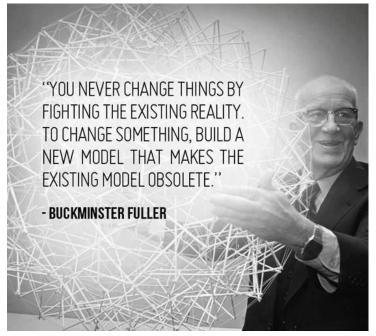
https://medium.com/disruptive-design/tools-for-systems-think ers-the-6-fundamental-concept s-of-systems-thinking-379cdac 3dc6a

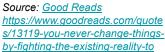


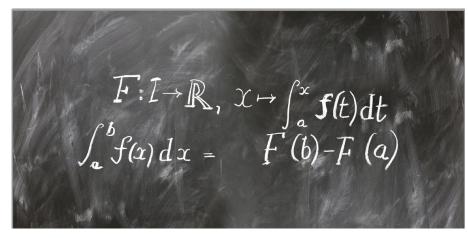




"The only constant": Change







The Mathematics of Change

"A changing quantity has two aspects: One is its **value** at a **particular time**, the other is its **rate of change** at that particular time.

If you study those two aspects, you'll create calculus.

David Joyce, on Quora

https://www.websystemer.no/calculus%E2%80%8A-%E2%80%8Athe-mathematics-of-change/https://www.guora.com/Why-is-calculus-called-the-mathematics-of-change



Helpful resource

Test your understanding of these concepts by determining which of these variables are stocks and which are flows. (Note that some entities can be either stocks or flows, depending on the context. We have tried to make each example as simple as possible and not to include anything that would be confusing.)

Stocks or Flows?

1. Inventory 8. Cash

2. Purchases of Raw Materials 9. Cash Flow

3. Employees 10. Morale

4. New Hires 11. Layoffs

5. Population 12. Orders That Are Not Shipped

6. Net Income 13. Debt Repayment

7. Assets

Source:

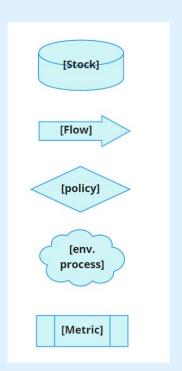
https://thesystemsthinker.com/s tep-by-step-stocks-and-flows-i mproving-the-rigor-of-vour-think ing/

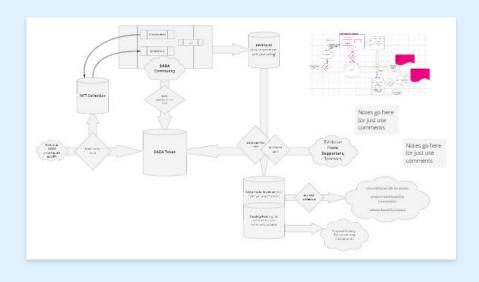




Value Network Specification w/ Adapted Stock & flow diagrams







CC4.0 BY-SA: Sebnem Rusitschka, Michal Monit, Angela Kreitenweis /

TokenEngineering Academy, tokenengineering.org





Adapted stock & flow in your case?

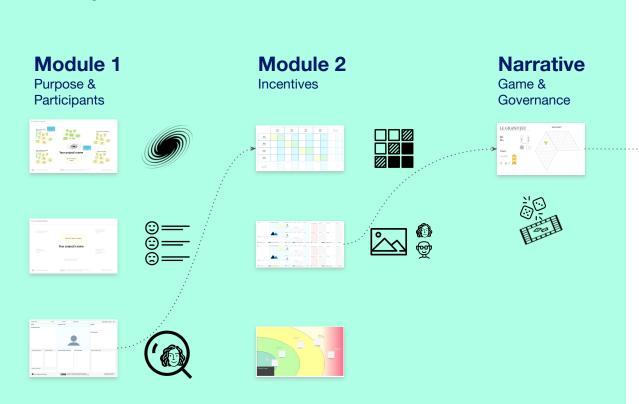
Where to begin?





Ecosystem Value Flows





Module 3

Valueflows



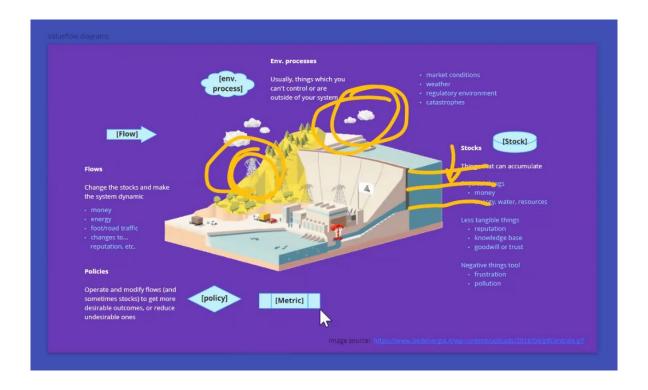
Value Network Specification

Using adapted stock & flow diagrams





























Additional insights might come from deep-dives into stories









Mostly it's ideation results from the stories, but also insights from playing the game + trying to stay on track with your ecosystem's purpose

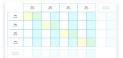




















The "What?" column in the matrix

















































Additional insights might come from deep-dives into stories



























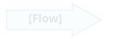






The "What?" column in the matrix









Additional insights might come from deep-dives into stories









Mostly it's ideation results from the stories, but also insights from playing the game + trying to stay on track with your ecosystem's purpose

























The "What?" column in the matrix







Additional insights might come from deep-dives into stories









Mostly it's ideation results from the stories, but also insights from playing the game + trying to stay on track with your ecosystem's purpose

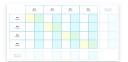




























Additional insights might come from deep-dives into stories









Mostly it's ideation results from the stories, but also insights from playing the game + trying to stay on track with your ecosystem's purpose

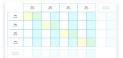














Cutting edge



Adapted Stock & flow diagrams

"I use the stock and flow concept as an anchor and that part is pretty formal but I adapt around the edges to capture what I need to inform the transition from ideation to formal models.

It's helpful but it's hard to teach people to "do what feels right"" - Michael Zargham

For the moment that transition is a craft

Token Engineers learn and hone that craft

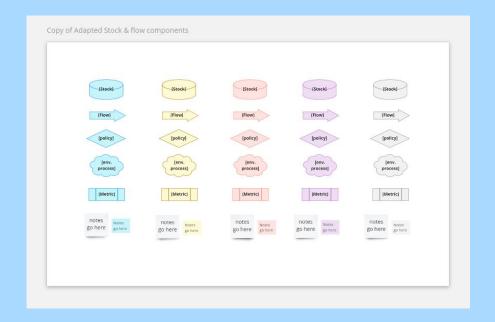
Models are useful reductions. "Reductions can be abused by taking them out of their useful context"







Miro time! @ Starter for your project





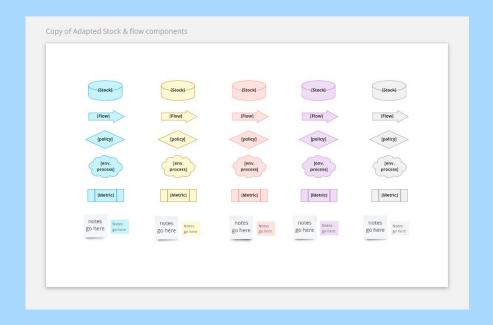




Questions? Discussion?



Miro time! @ Round 2









See you on Monday at 6pm CEST!

All info: **1STOPSHOP**

To do's

Work on your value flows and canvases!

Try gaming, if you haven't done so yet

Begin prepping for the final presentations!

What's next?



Friday	2021-05-21	Peer Learning Session 4 (S4PL): Value Flows	6:00 PM	120 min
Weekend		Iterate + optional readings		
Monday	2021-05-24	Live Session 5 (S5L): TMG: The Practice & Governance	6:00 PM	120 min
Thursday	2021-05-27	Sharing Results	6:00 PM	90 min
Friday	2021-05-28	Final Presentations	6:00 PM	120 min

Work on your value flows and canvases!

Try gaming, if you haven't done so yet

Begin prepping for the final presentations!

