



GOBIERNO
DE LA PROVINCIA
DEL NEUQUÉN



THE DIGITAL TRANSFORMATION FROM “SILOPATHY” TO INTEGRABILITY

GUSTAVO GIORGETTI

CONSULTANT RESPONSIBLE DEPLOY INTEGRABILITY MODEL

#SILOPATHY

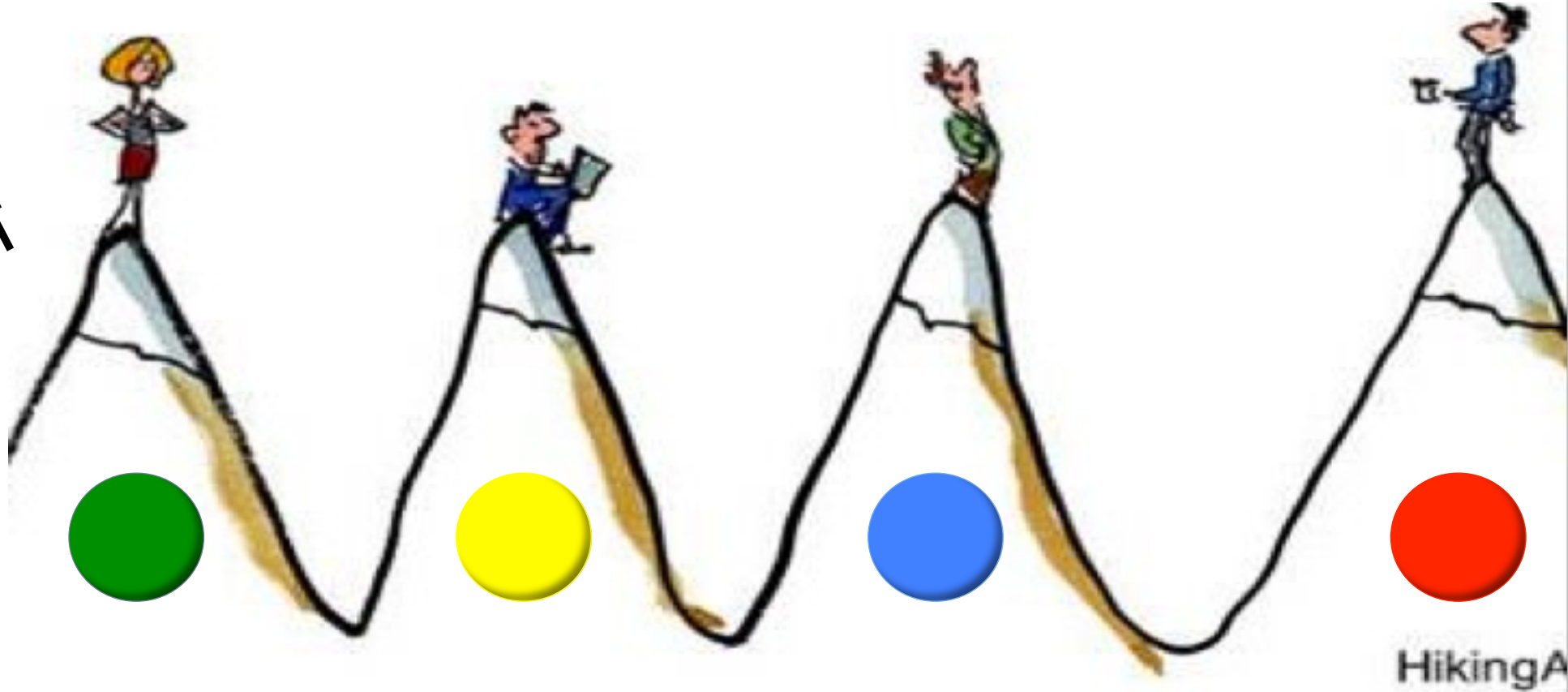
#SmartCity

#OpenData

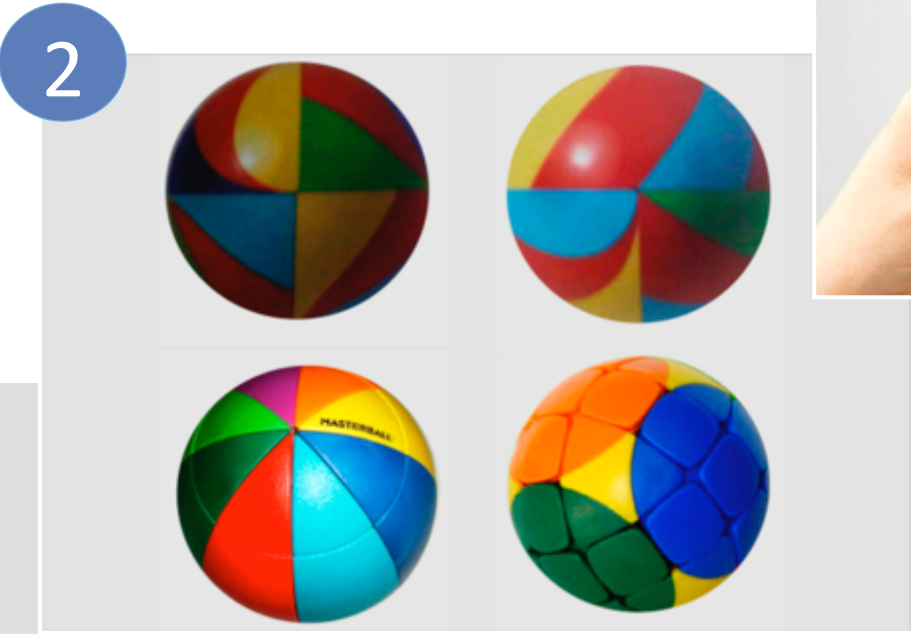
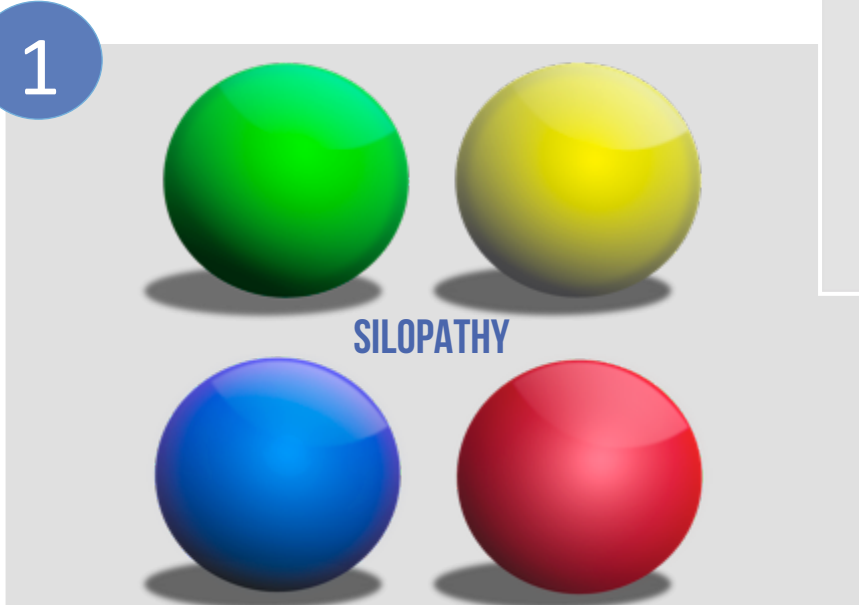
#OpenGovernment

#Resiliencia

**BELIEVE THAT MY FOCUS
IS THE MOST IMPORTANT**



FROM "SILOPATHY" TO INTEGRABILITY




INTEGRABILITY

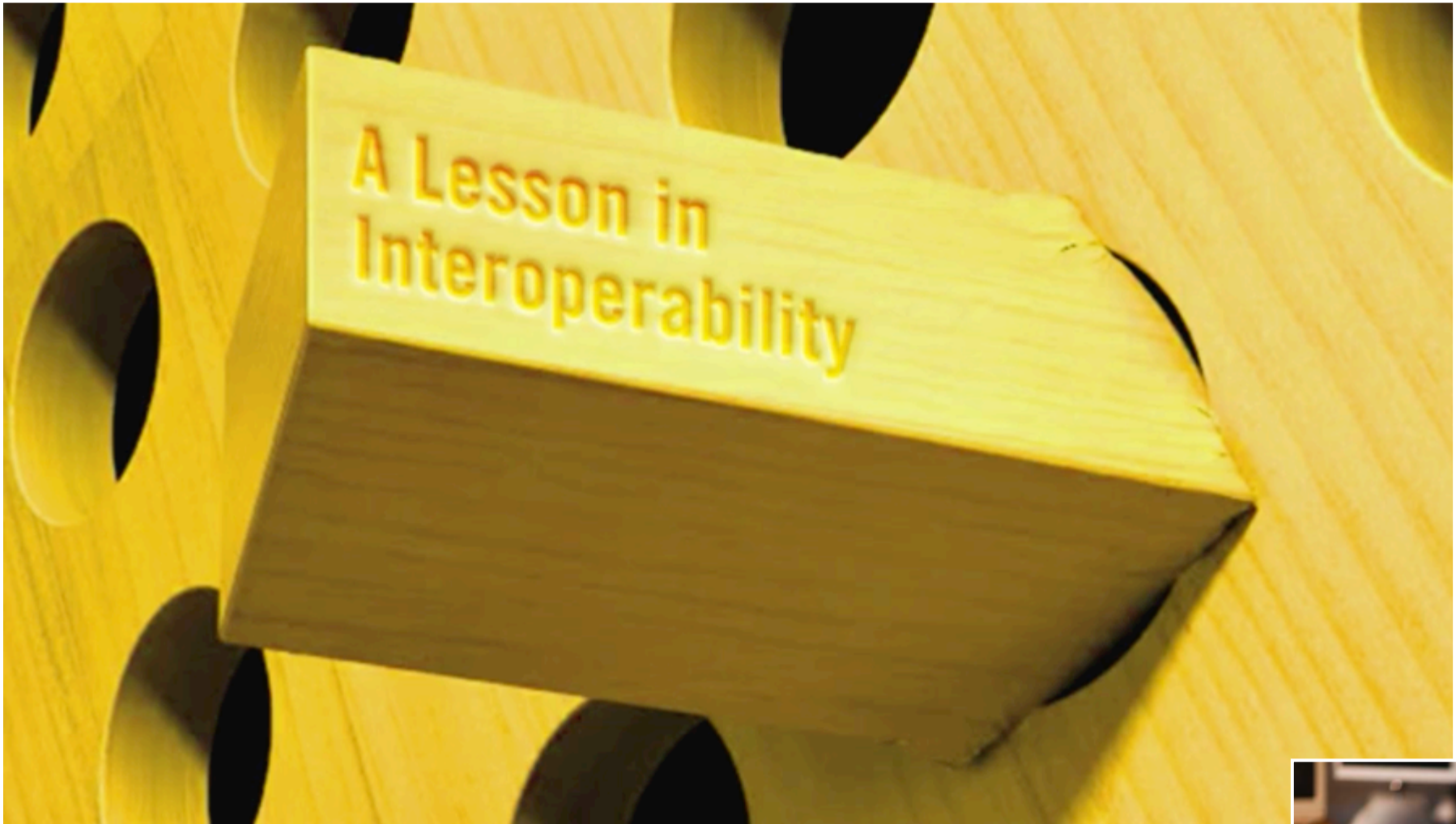
**IT IS MUCH MORE THAN
INTEROPERABILITY**

A large, dense pile of unsorted, multi-colored LEGO bricks and parts, representing chaos. The bricks are in various colors including red, yellow, blue, grey, black, white, green, purple, and orange. The pile is disorganized and messy, with many pieces overlapping and scattered. A semi-transparent dark grey rectangular box is overlaid in the center of the image, containing white text.

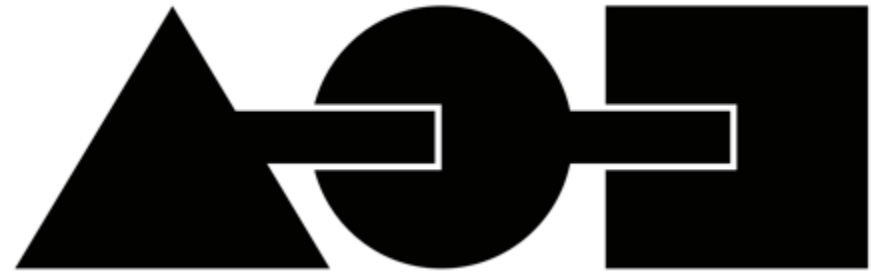
a PROBLEM called
<CHAOS>

A large, chaotic pile of unsorted LEGO bricks and parts in various colors including red, yellow, blue, grey, black, white, and purple. The pieces are scattered across the entire frame, creating a dense and colorful background. A semi-transparent dark grey rectangular box is overlaid in the center of the image, containing white text.

Before this scenario ... many say ENOUGH !!!
Let's put the same system everywhere and go



Golan Levin

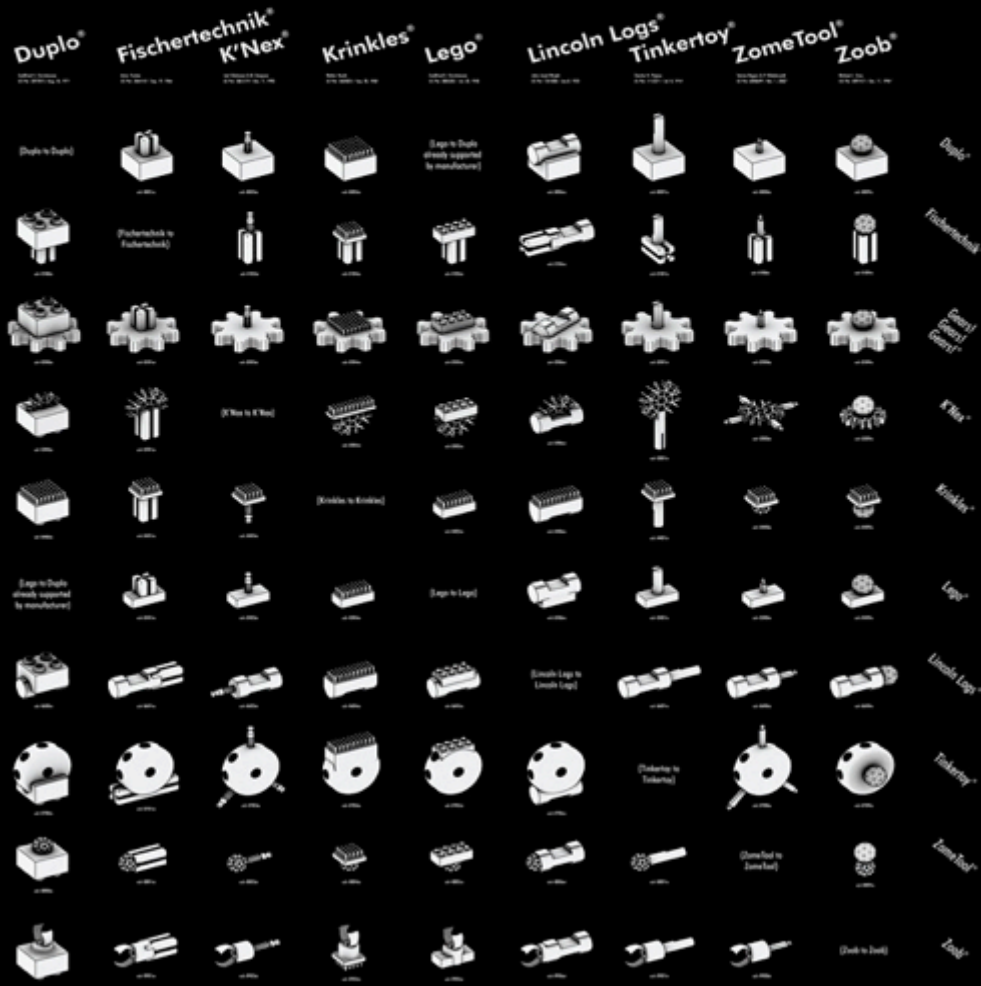
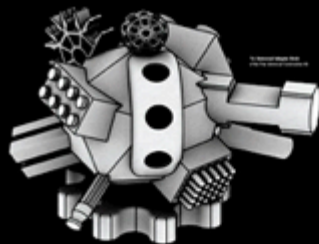


<https://vimeo.com/37778890>
<https://vimeo.com/37778172>



FREE UNIVERSAL CONSTRUCTION KIT

The F.U.C. and f.u.c. present the Free Universal Construction Kit, a collection of adapter bricks that enable complete interoperability between any popular children's construction toys. By allowing one brand to join to any other, the kit encourages new forms of creative, hands-on, interactive design systems — enabling the creation of previously impossible designs, and more creative opportunities for kids. The kit releases can be downloaded from Thingiverse.com and other sharing sites as a set of 3D models in STL format, suitable for reproduction by personal fabrication systems. >>> For more information, please see: <https://www.free-universal-construction-kit.com>



The Free Universal Construction Kit is licensed under and adapted to the terms of the Creative Commons Attribution-NonCommercial-ShareAlike license. This license allows you to share and adapt the materials in the kit for non-commercial purposes, provided you give appropriate credit to the original author(s) and the Free Universal Construction Kit project, and you indicate if any changes were made. For more information, please see: <https://creativecommons.org/licenses/by-nc-sa/4.0/>

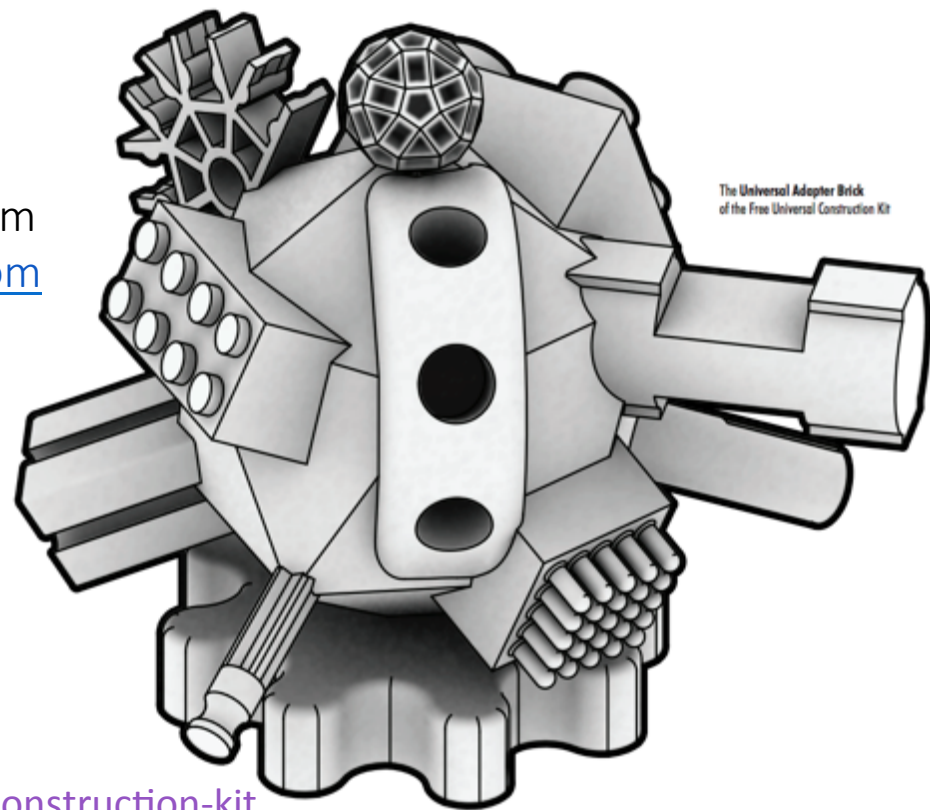


If the materials above are not compatible for your use, please contact the author(s) at info@free-universal-construction-kit.com or visit the project website at <https://www.free-universal-construction-kit.com>

Kit universal libre with adapters between:

1. Lego
2. Duplo
3. Fischertechnik
4. Engranajes! Engranajes! Engranajes!
5. K'Nex
6. Krinkles
7. Lincoln Logs
8. Tinkertoys
9. Zome
10. Zoob

It can be downloaded from <https://www.thingiverse.com>
3D models in STL format,
ready to print



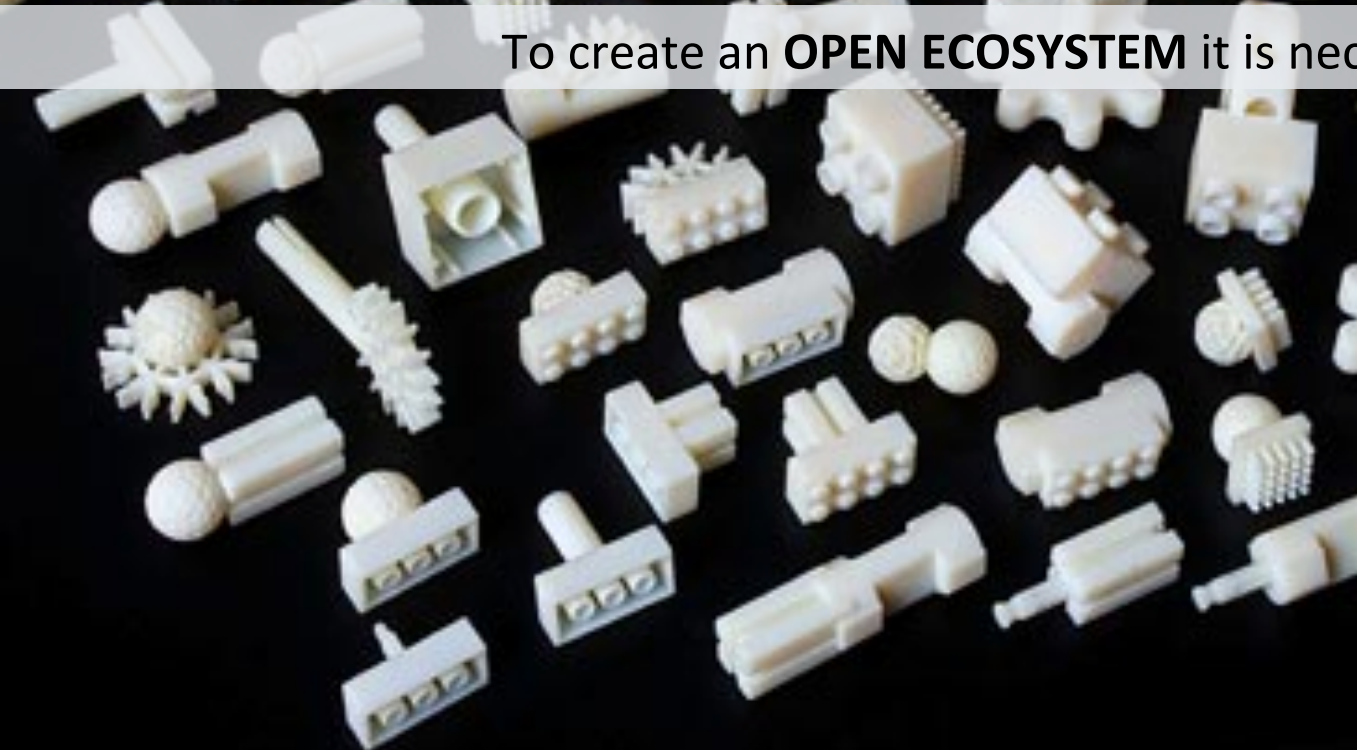
<http://ffff.at/free-universal-construction-kit>

The free universal construction kit

Adapters for complete INTEROPERABILITY among the most popular construction toys

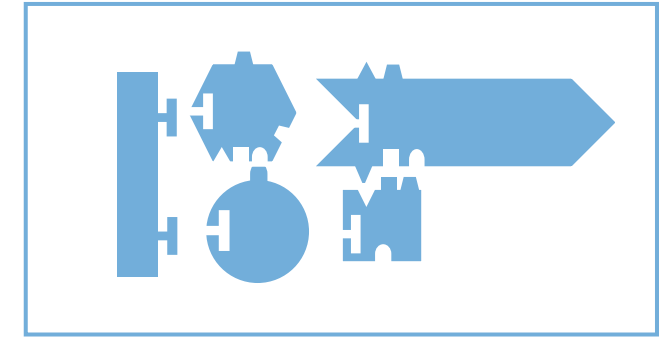
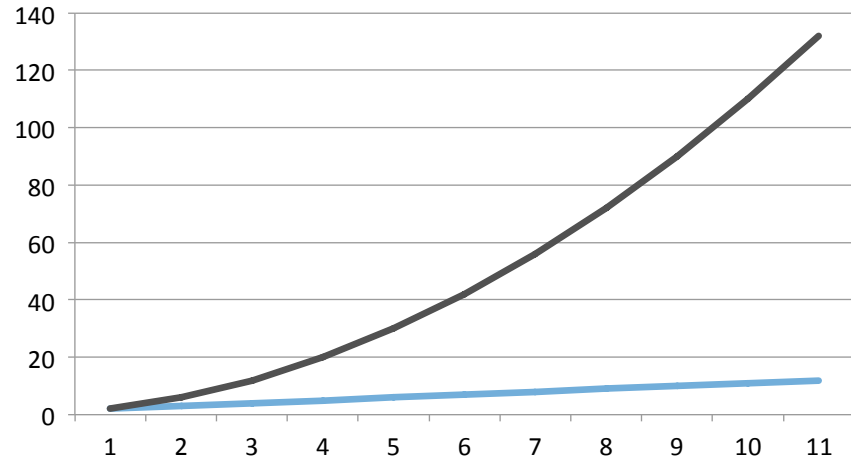


To create an **OPEN ECOSYSTEM** it is necessary to connect the closed worlds



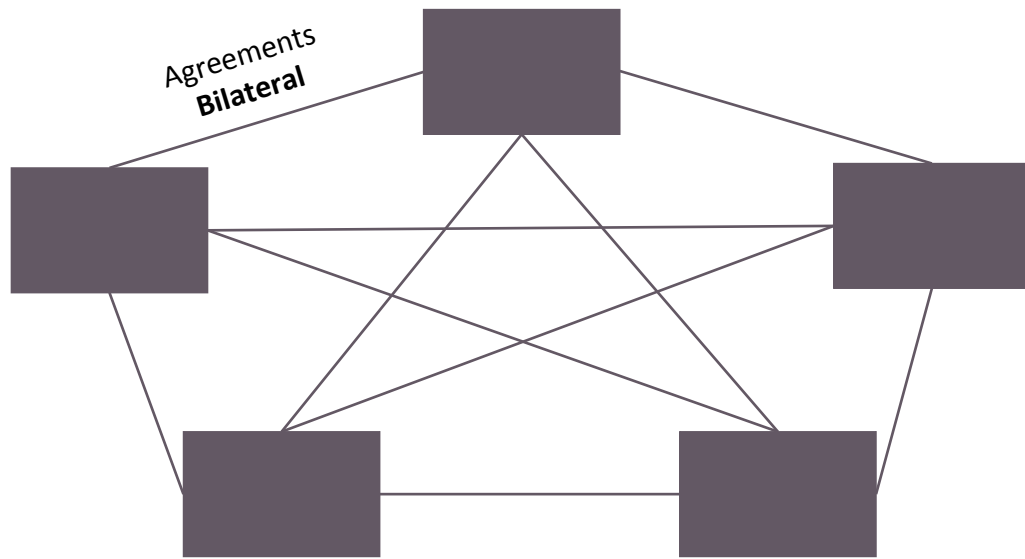


+ based on *hacking*



+ based on *agreements*

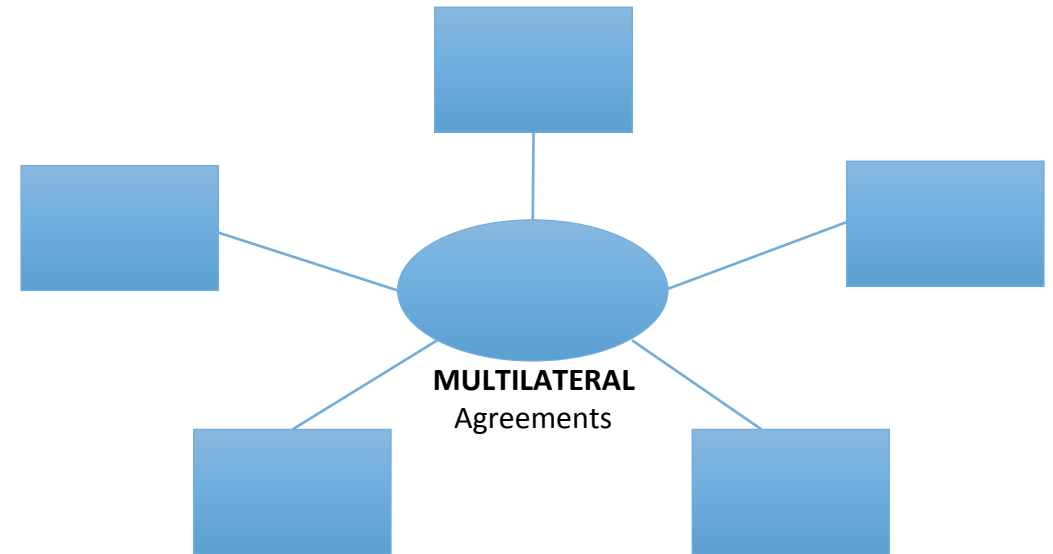
Interoperability



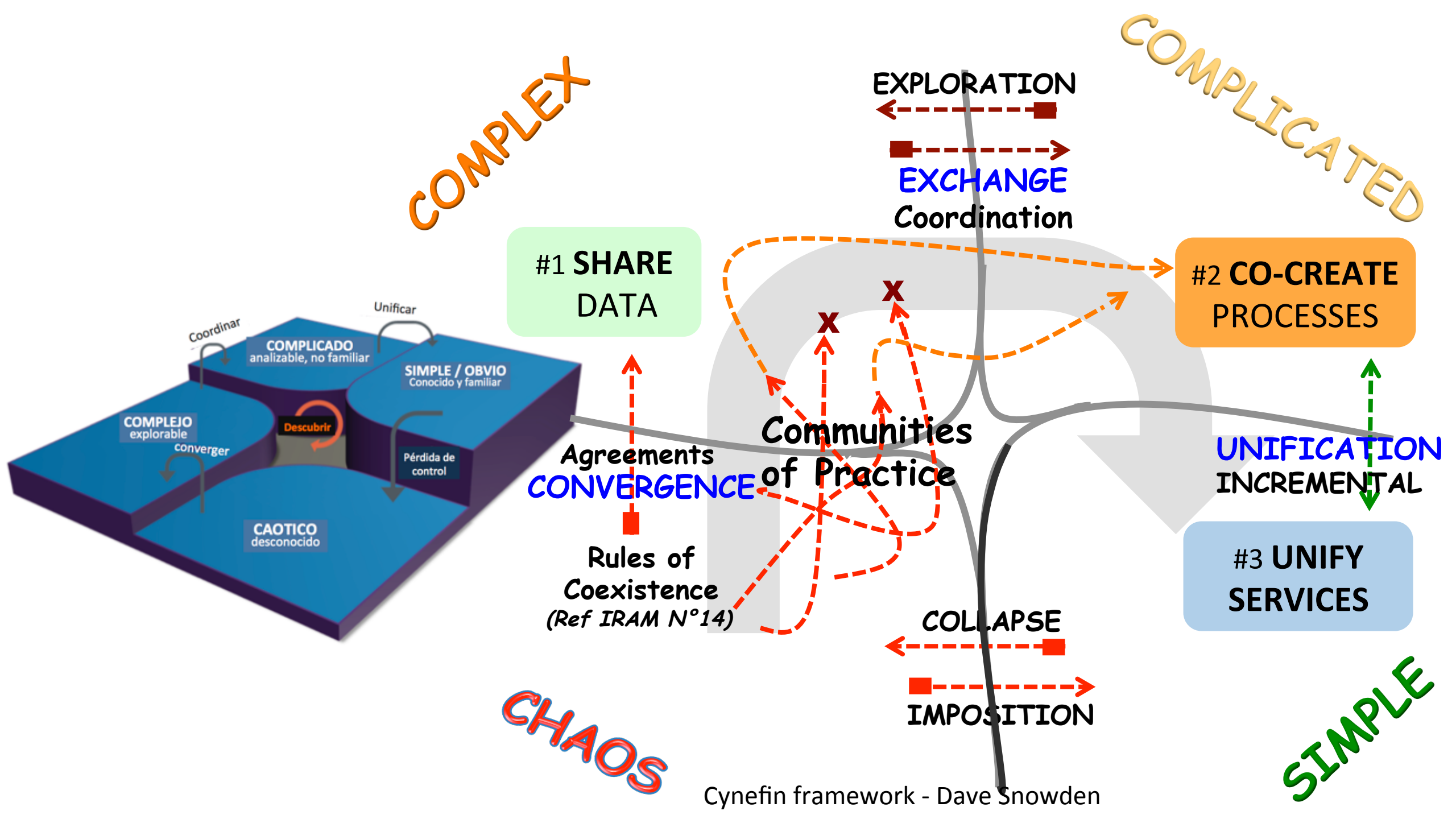
NO AUDITABLE

VS

INTEGRABILITY



AUDITABLE



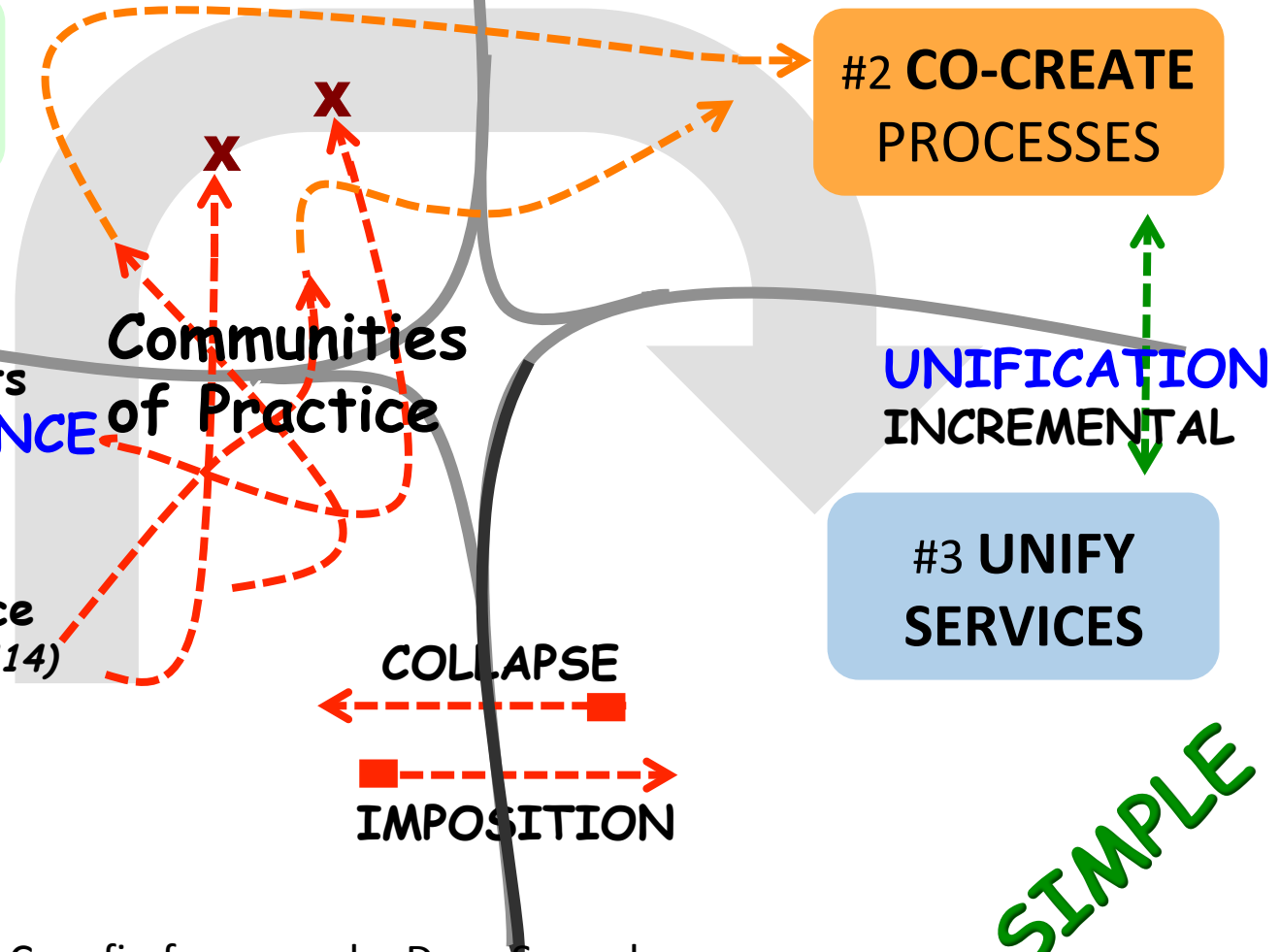
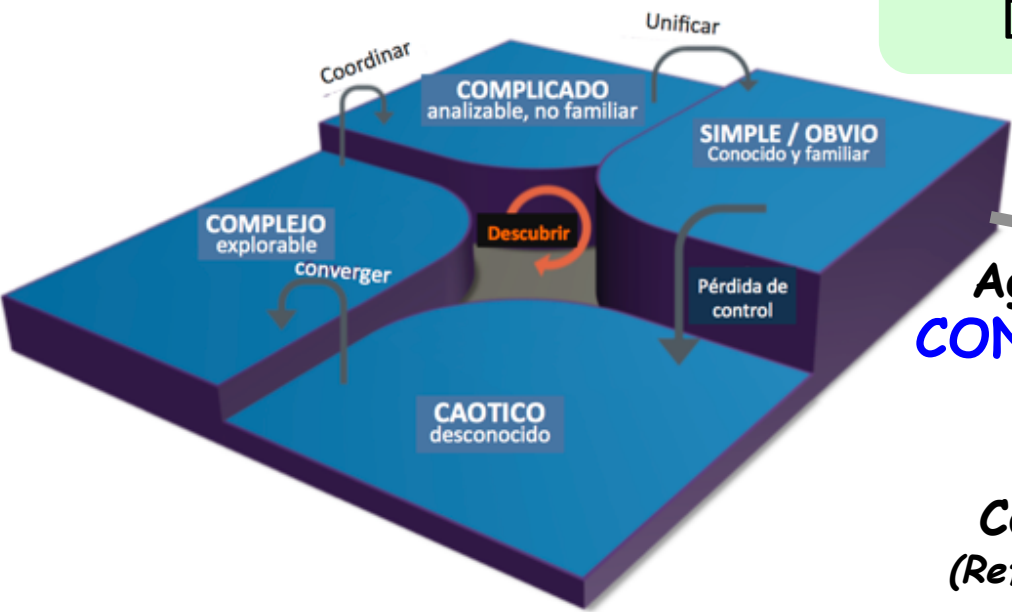
COMPLEX

COMPLICATED

#1 **SHARE DATA**

#2 **CO-CREATE PROCESSES**

#3 **UNIFY SERVICES**



CHAOS

SIMPLE

GOOD diversity and BAD diversity

When an integrated system pulls out another>

“Kills” good and bad diversity of other system

GOOD diversity has to do with the needs to:

- Take advantage of something I already have or know.
- Solve some unattended aspect of my need profile.

BAD diversity reinvents the wheel "something different" to block the other, instead of meeting the real needs.

- Contributes to increase CHAOS

INTEGRABILITY architecture restricts bad diversity and encourages good

COMUNIDADES DE PRÁCTICA

Necesarias para el cambio de cultura

INCUBA NQN

SALA DE SITUACION

CLINICA DE PROCESOS

FERIA DE DATOS

VALOR PÚBLICO

COLABORACIÓN

PARTICIPACIÓN

TRANSPARENCIA

LIBERAR SERVICIOS ABIERTOS Y EXTENSIBLES

CO-CREAR PROCESOS - INTER-SISTEMAS / ORGANIMOS

COMPARTIR DATOS DESDE FUENTES AUTENTICAS

CONECTAR A TODOS LOS ACTORES DE LA COMUNIDAD

01 EL OBJETIVO

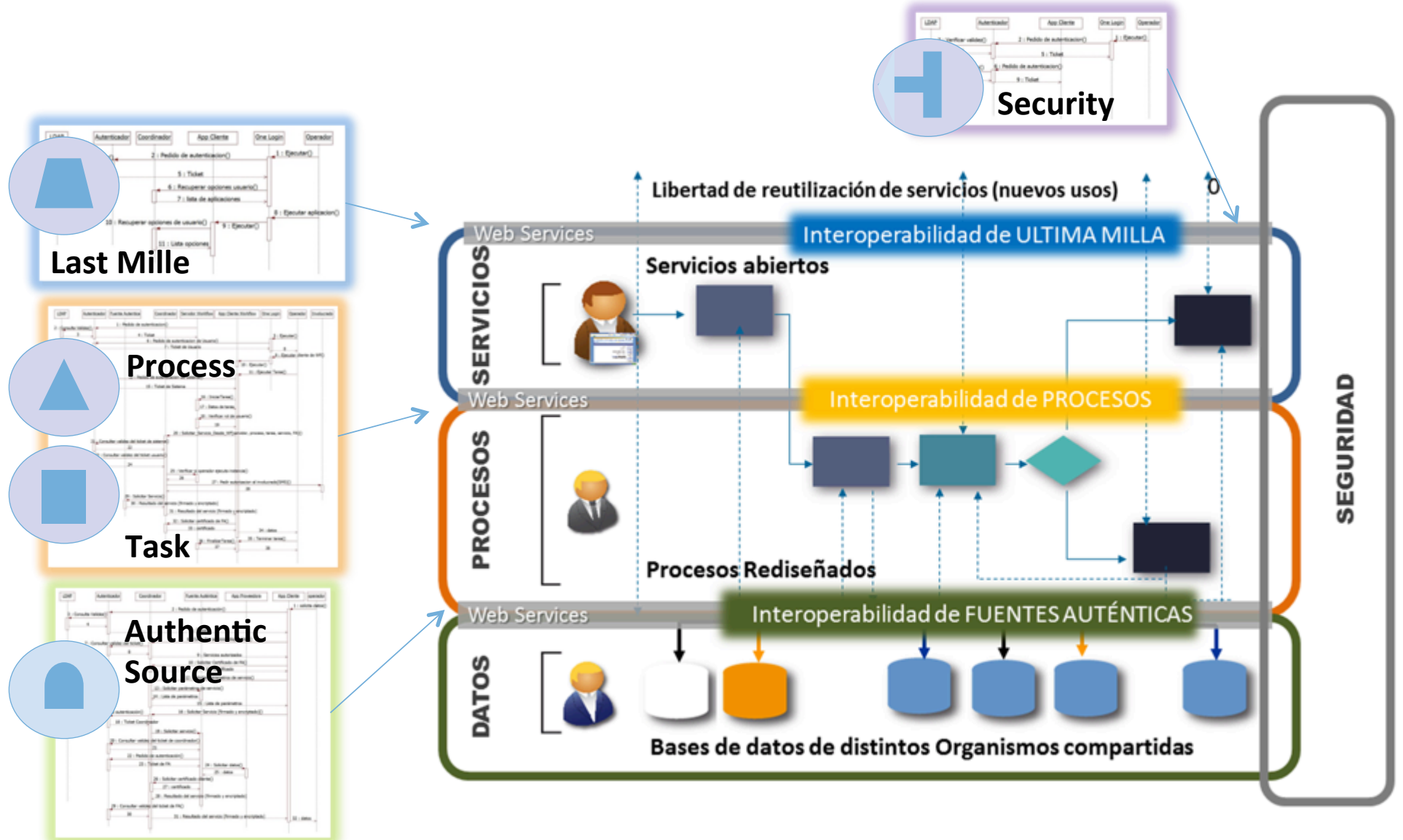
02 DE QUÉ SE TRATA

03 QUÉ DEBEMOS HACER

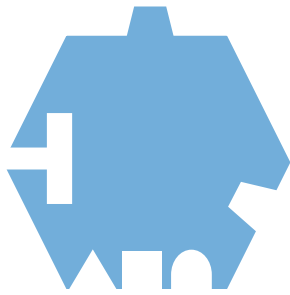


OPEN COMMUNICATION PROTOCOLS OF THE INTEGRABILITY MODEL

REFERENCE IRAM N° 14



SERVICES



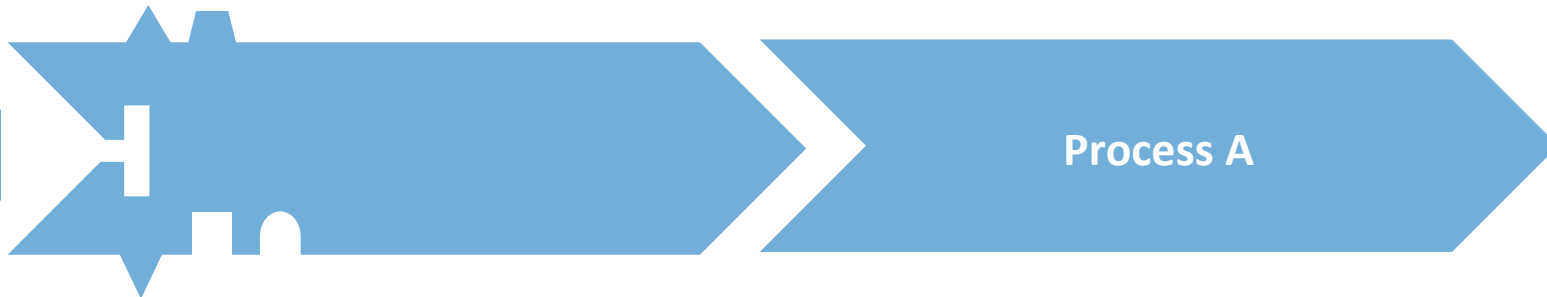
Monitoring

...

Portals
Apps

PROCESS

AU- AU- AU -PKI

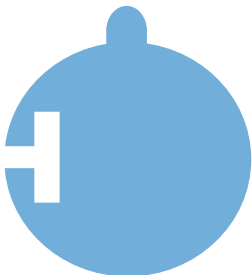


Task B

...

Task N

DATA



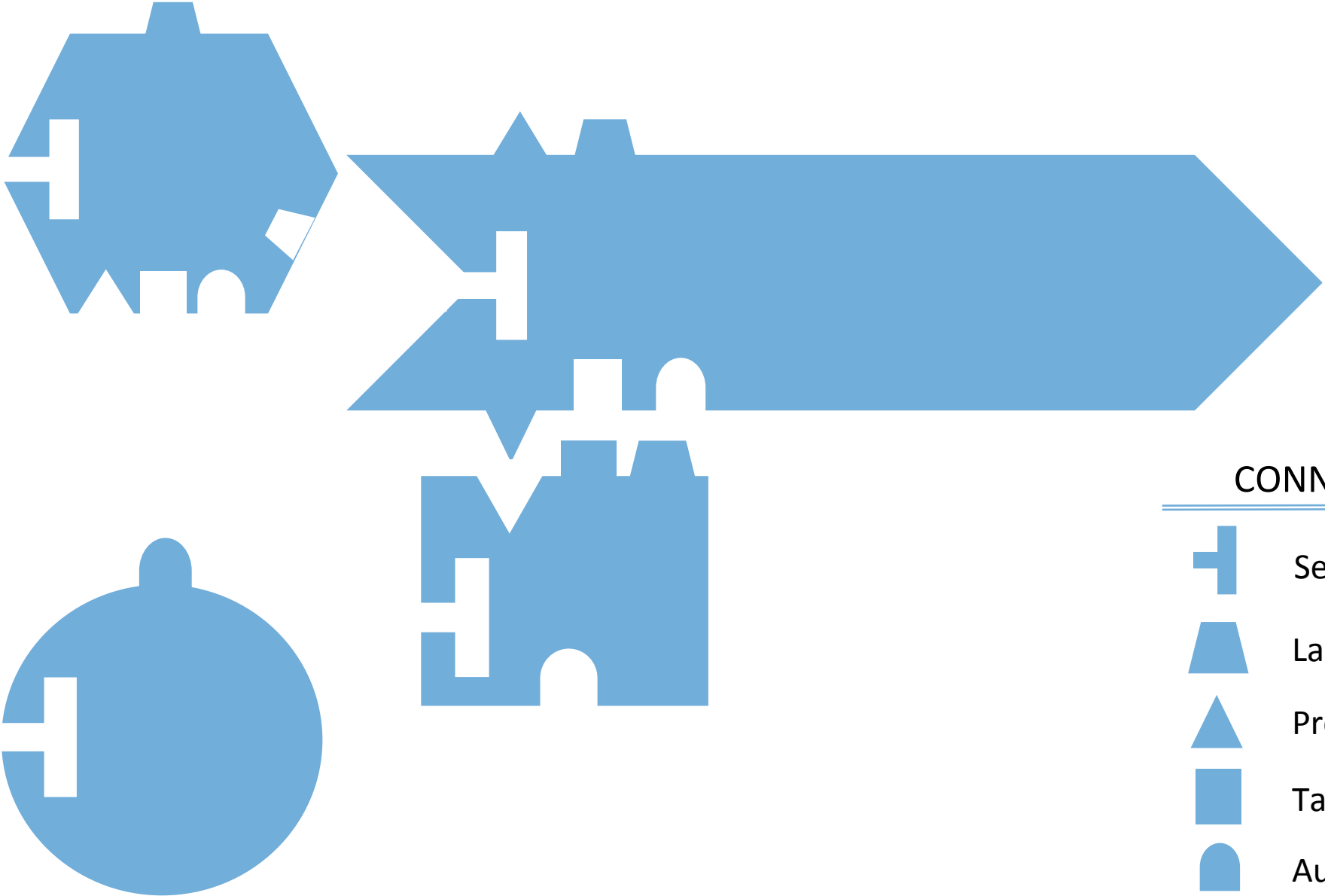
AS "B"

...







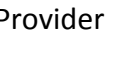
AS "X"



THE "LEGO" OF INTEGRABILITY

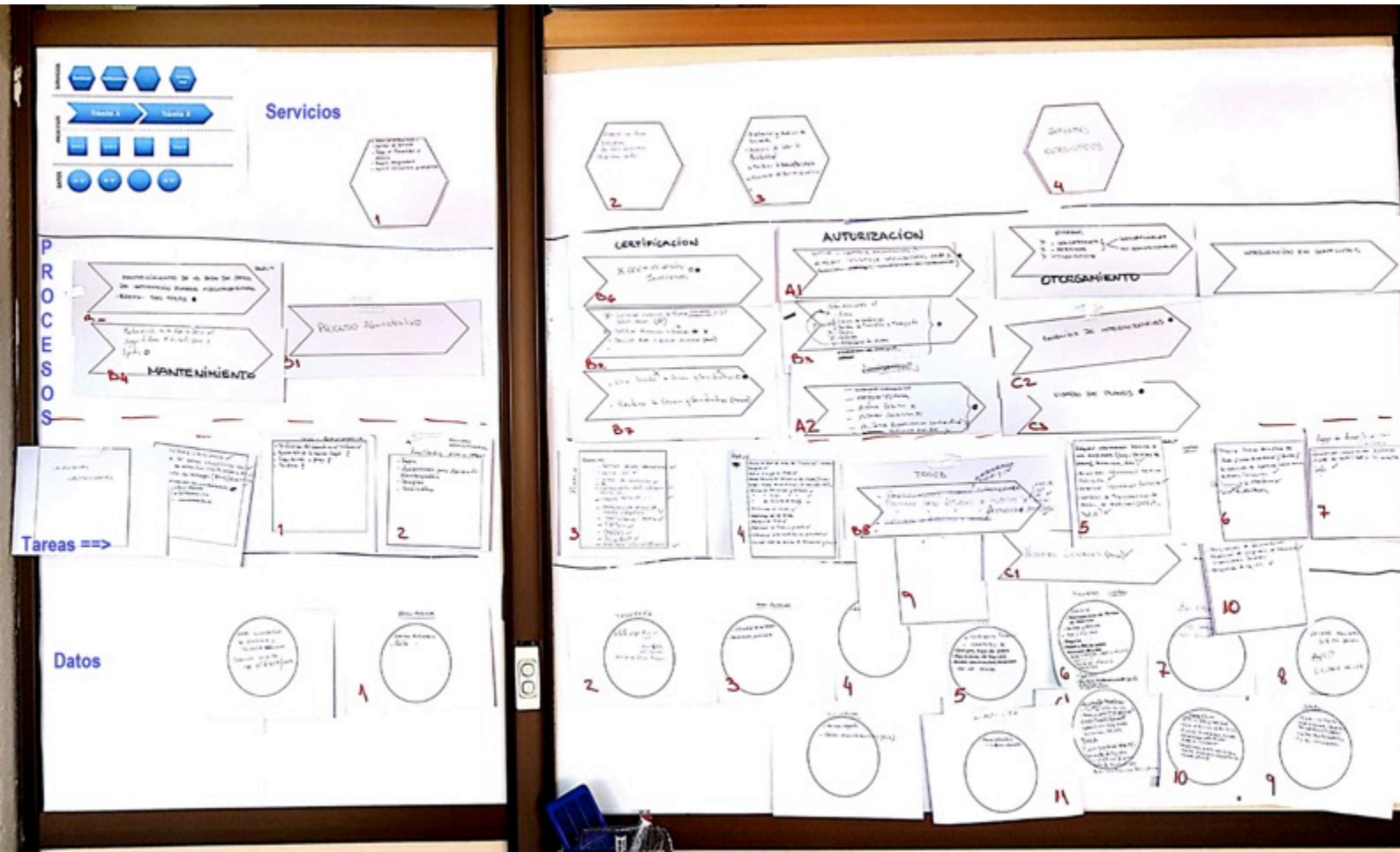


CONNECTORS of INTEGRABILITY

-  Security
 -  Last mille
 -  Process
 -  Task
 -  Authentic Source
- Consumer 
- Provider 

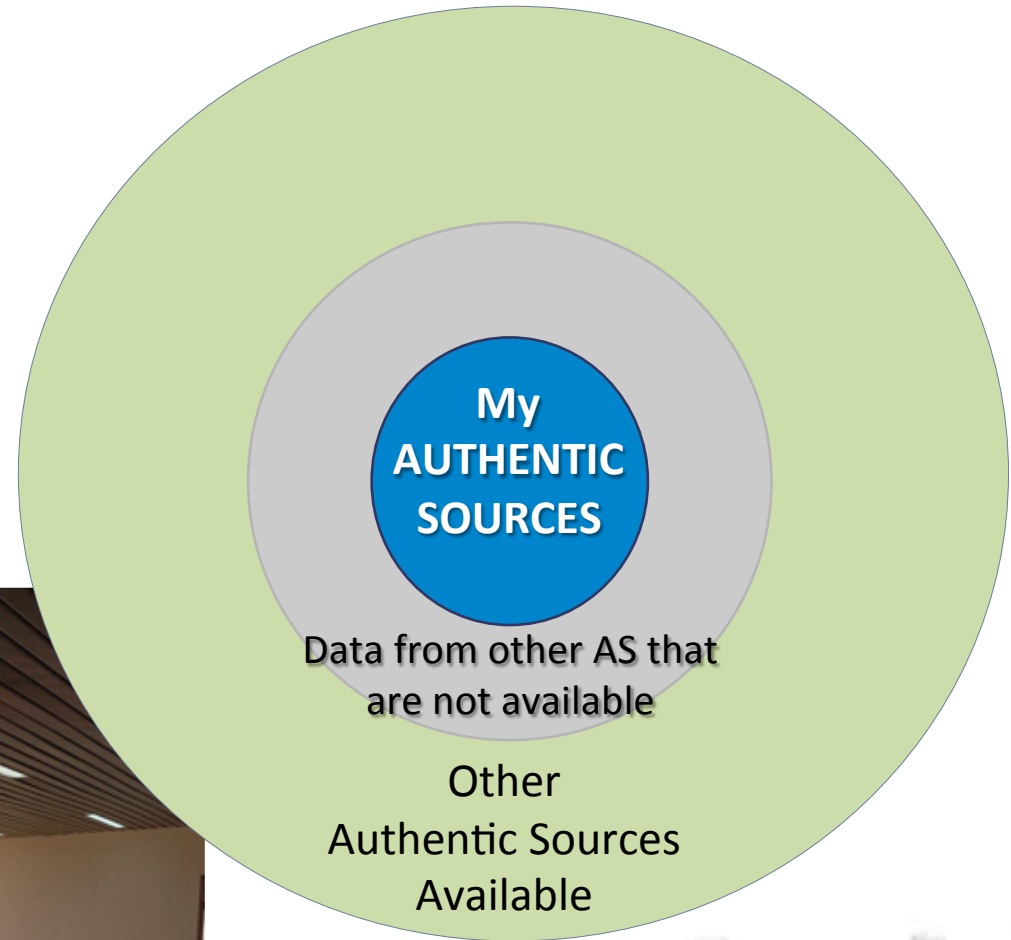
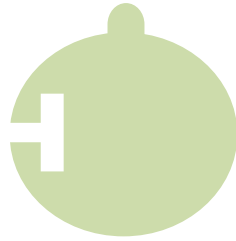
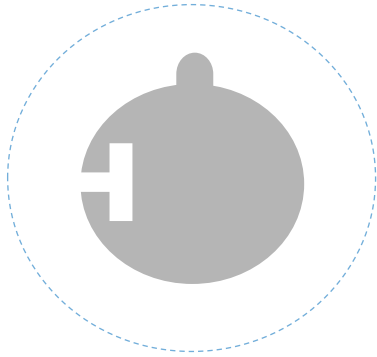
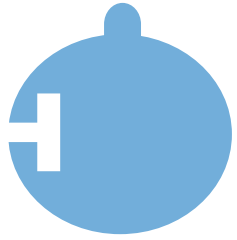
“GAMIFICATION”

THROUGH AGILE GAMES AND WITH THE AGREEMENT OF ALL WE MAKE EMERGE:
THE **AUTHENTIC SOURCES**, THE MAP OF **PROCESSES** AND THE
NECESSARY INFORMATION **SERVICES**.



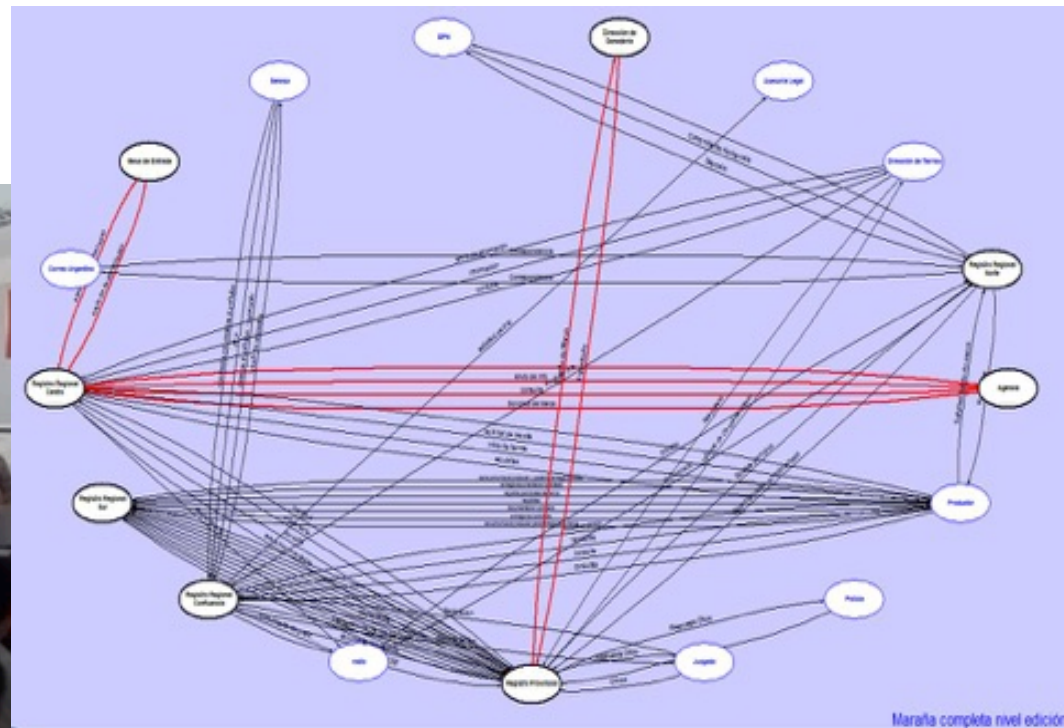
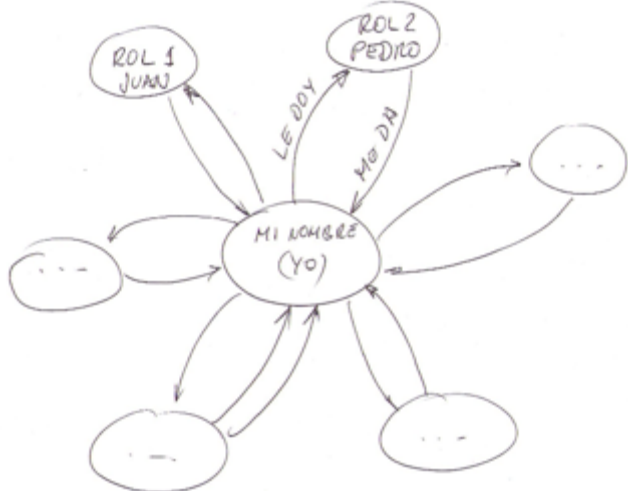
1

COP DATA FAIR AUTHENTIC SOURCES

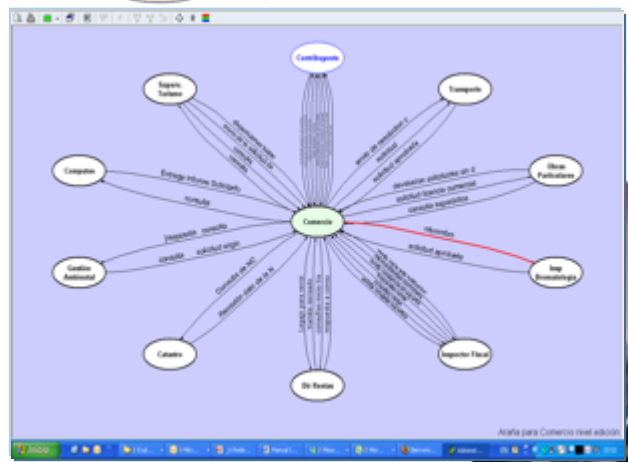


2

COP CLINICAL PROCESSES - RADIOGRAPHY (BEFORE)



Maraña completa nivel edición



EVERYONE VISUALIZES
WHAT THEY DO TODAY

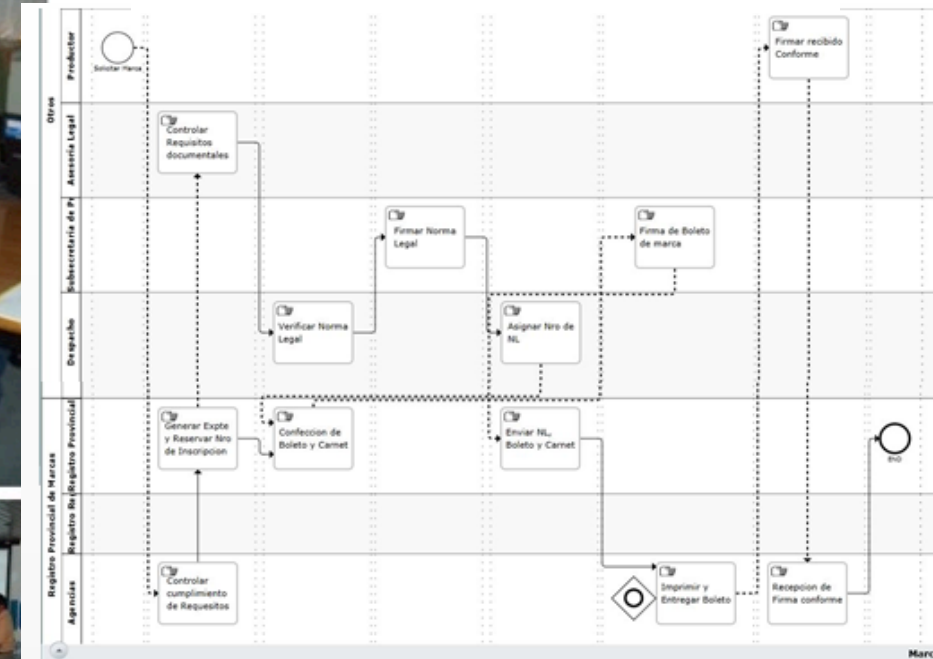
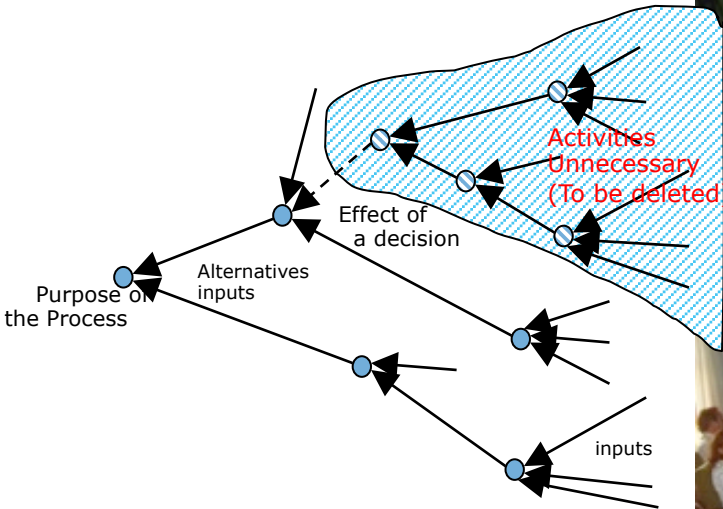


2

COP CLINICAL PROCESSES - PARTICIPATORY REDESIGN (AFTER)



- 1) Who should deliver it?
- 2) What is your value added?
- 3) What do you need to do it right?

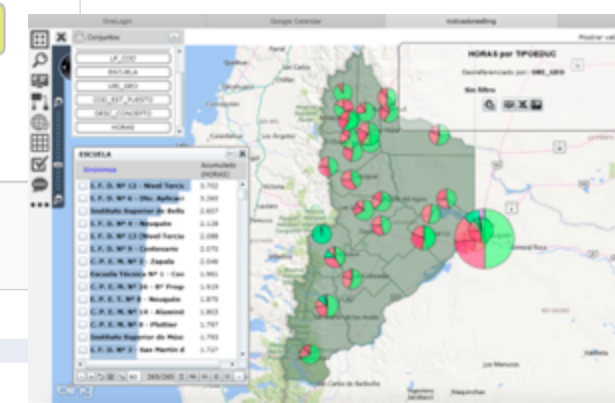
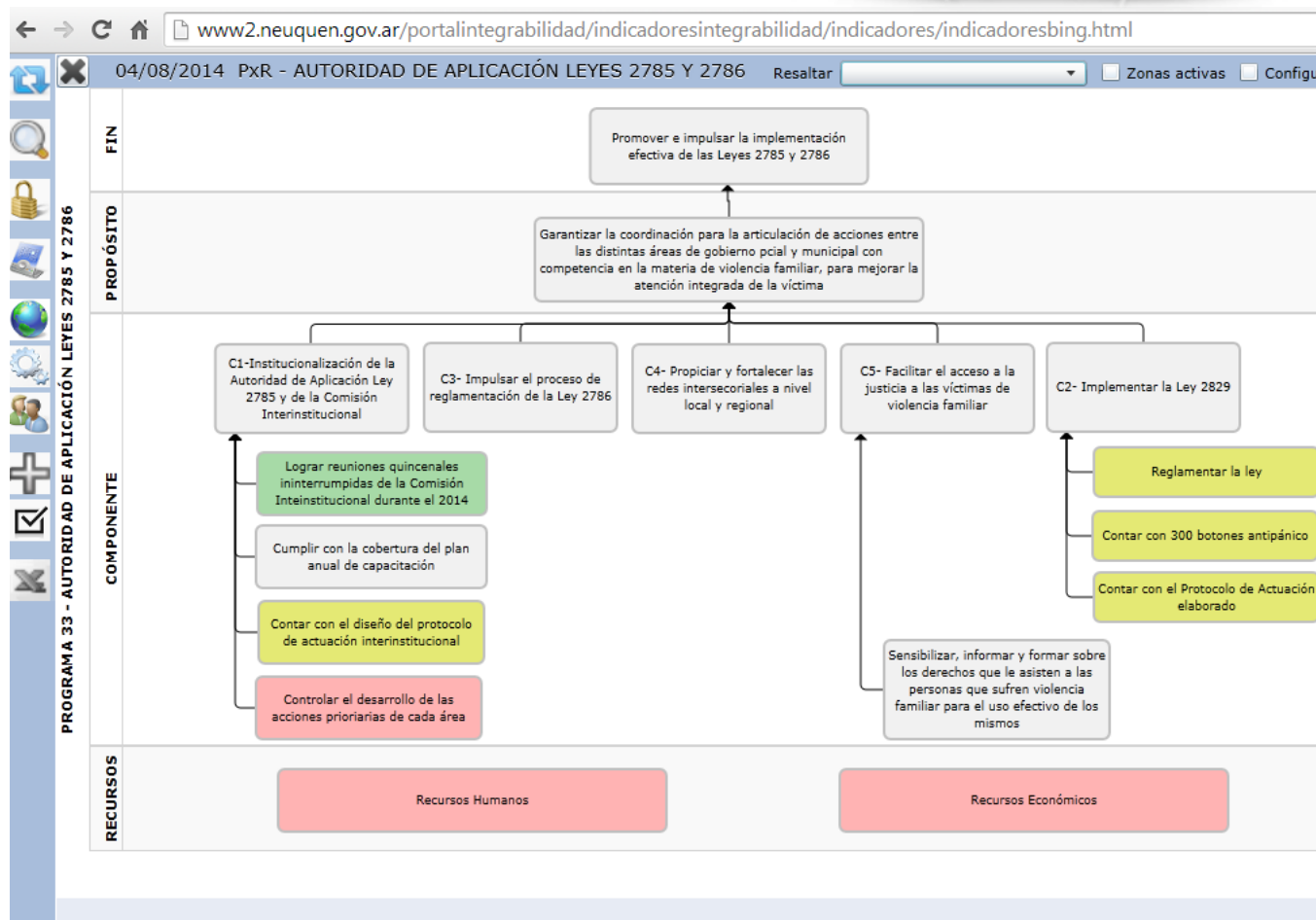
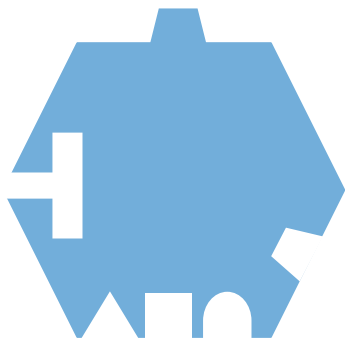


Process Diagram Redesigned in BPMN2
Readable by people and machines

3

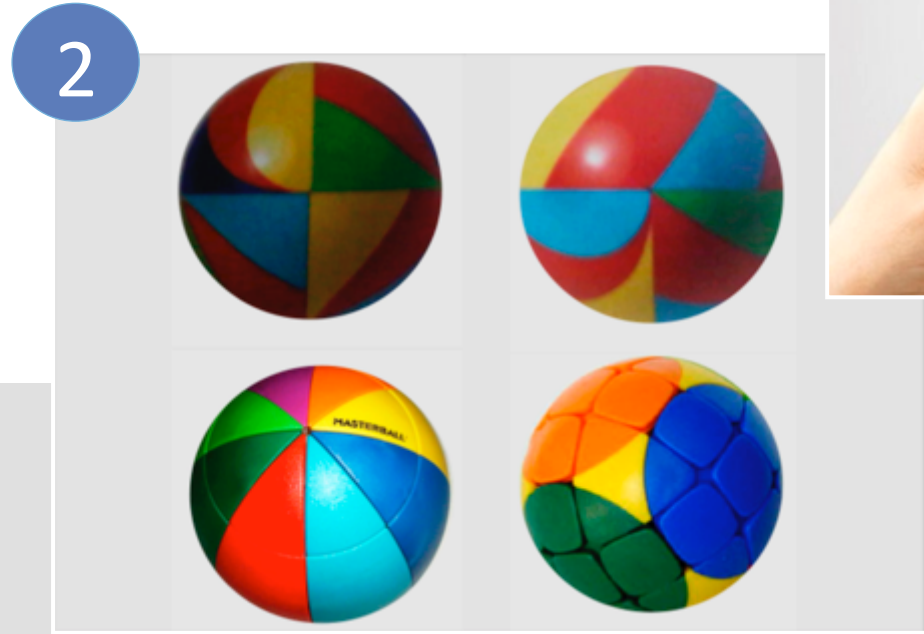
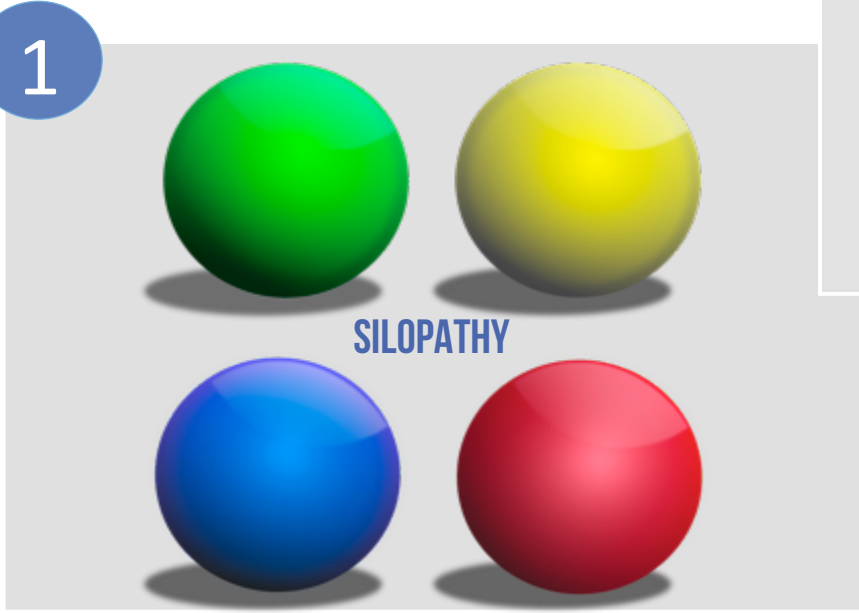
COP SITUATION ROOM

- TSC (TIME-SPACE-CAUSALITY)



FROM "SILOPATHY" TO INTEGRABILITY

IF WE CHANGE THE CONTEXT WITH THE STAKEHOLDERS
EVERYTHING IS EASIER, FASTER AND ECONOMICAL



MINIMUM ELEMENTS NEEDED FOR SELF-ORGANIZATION IN COMPLEXITY

- 1. Sharing the objective** (achieving a common agenda, aligned from the particular needs of each sector)
- 2. Doing the right thing** (collaborate, share, avoid blocking each other or "cutting alone")
- 3. Adapt, Articulate, Align, Learn, Contribute**, to support sustainable development. (This involves **changing oneself**)

THANK YOU!

@GUS_GIORGETTI