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Socio-cultural Anticipation  
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SARAS Institute

# LABORATORY OF IDEAS FUTURES LITERACY LABORATORIES - NOVELTY (FLL- N, UNESCO)



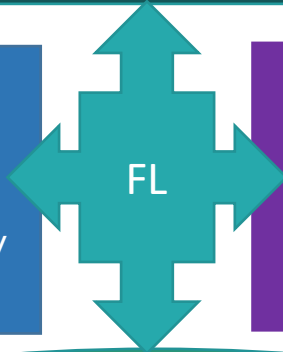
Expanding the capabilities of freedom

Empowering learning, creativity, resilience, and transformation

Strengthening anticipatory capacities and competences

Knowledge creation & decision-making

Action research  
methodologies  
Based on theories of  
complexity and anticipatory  
systems



Learning –by–doing  
pedagogies  
Collective intelligence  
processes  
Co-creation

'use of the future' in the present  
(imagination, anticipation) in  
cognitive, emotional and action  
processes

PARADIGMATIC  
CHANGE IN  
KNOWLEDGE  
CREATION  
PROCESSES



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LABORATORY  
OF IDEAS

making sense &  
sense-making

collective  
intelligence  
processes

REFRAMING

changing  
systemic  
parameters

USING THE  
FUTURE

to see the  
present  
different

EMBRACING  
COMPLEXITY

SELF-  
ORGANIZATION

transformative  
leadership

anticipatory  
capacities &  
competences

SPONTANEITY





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# USING THE FUTURE TO MAKING SENSE AND SENSE-MAKING OF NOVELTY







# INTERGENERATIONAL LEARNING-BY-DOING AND TRANSDISCIPLINARY ACTION-RESEARCH PROCESSES

# COMMUNITIES OF PRACTICE



# CHANGING NARRATIVES



## DISRUPTING THE KNOWN

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The approach strengthens anticipatory capacities underlying other deep learning competences and skills such as: reflexivity, critical thinking, curiosity, creativity, teamwork collaboration, empathy, resilience.





**CO-CREATION**





GRUPO 5

### CIRCULARIDAD

Reducir + Reutilizar +  
Reciclar + Recuperar +  
Regalar + Reposicionar

*Más allá de paradigmas  
lineales...*



GRUPO 1

### CREACIÓN ÚNICA

Hiperlocalidad  
conectada a lo  
Global.

*Más allá de lo dual,  
entre lo particular y  
lo general...*

Expectations  
↗

Reality  
↗



GRUPO 4

### ECONOMÍA CREATIVA.

### ECONOMÍA COLABORATIVA.

Creatividad - cultura -  
tecnología

*Más allá de la oferta y  
demanda...*



GRUPO 3

### INNOVACIÓN SINCRÉTICA.

Asociaciones de l  
diferente creativa

*Más allá de paradigmas  
que ven las fronteras  
solo para separar...*



GRUPO 2

### LIDERAZGO HOLOCRÁTICO

Inteligencia colectiva.  
Hacia nuevos modos  
de organización  
interacción-creación.

*Más allá de lo dual  
entre lo individual y  
lo colectivo...*



# ENJOYING UNCERTAINTY



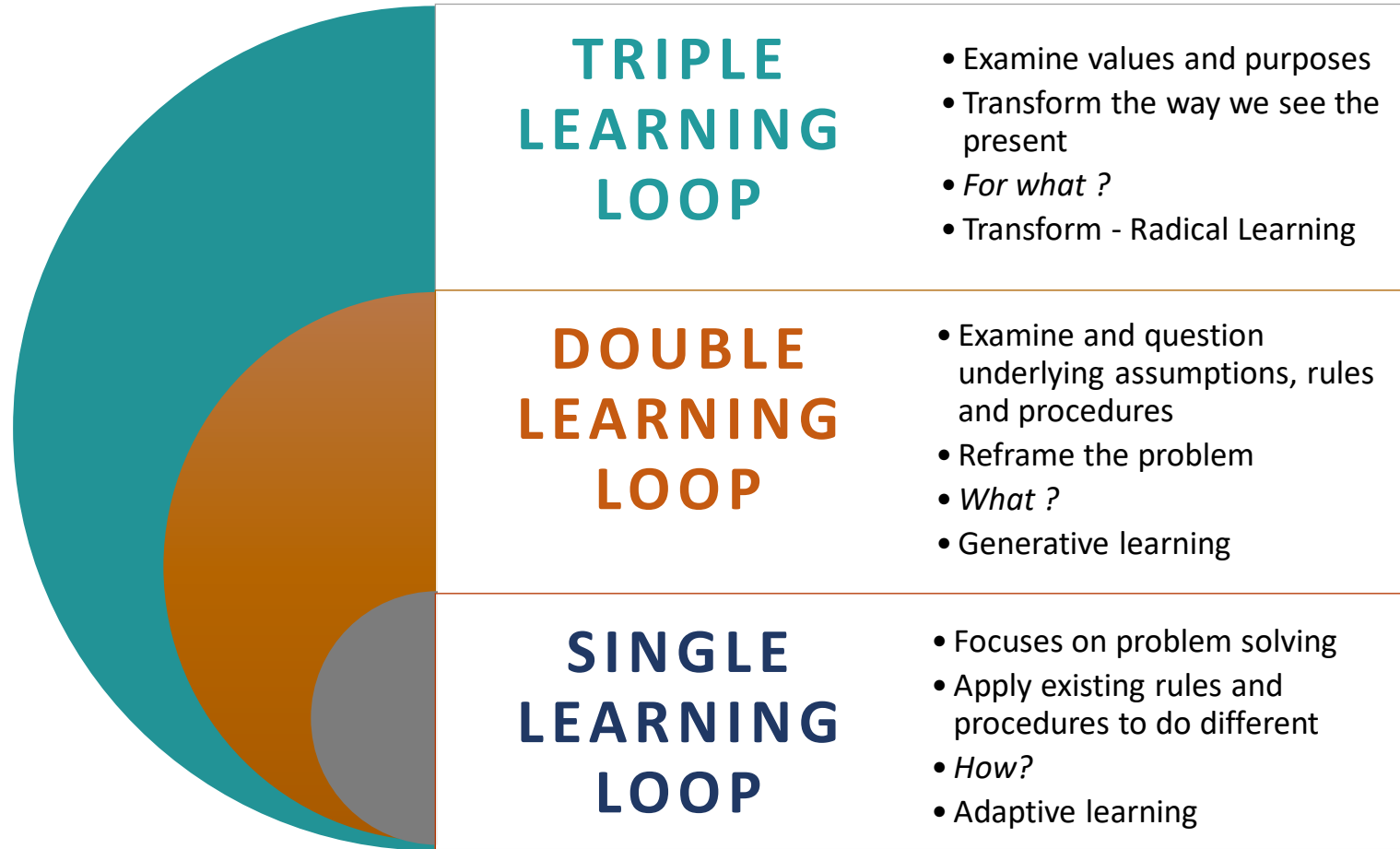


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# TRANSFORMATIONAL LEARNING PROCESSES



Argyris and Schön, Double Loop Learning  
Flood and Romm, Triple Loop Learning



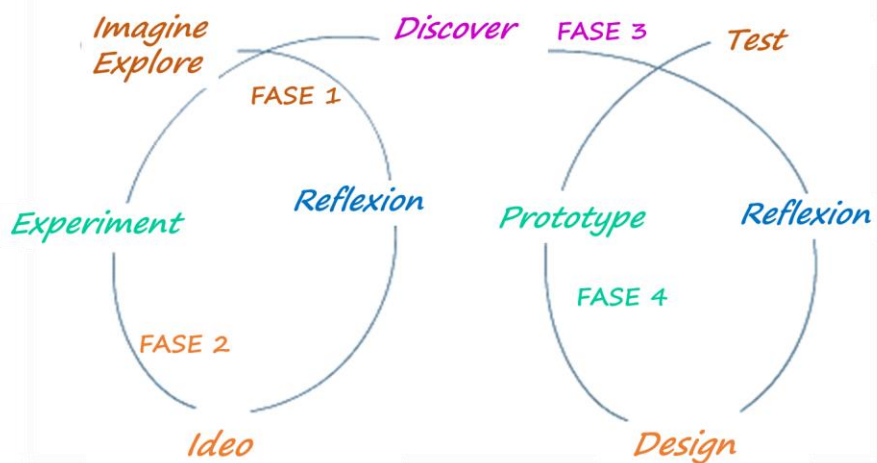
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# KNOWLEDGE COCREATION PROCESSES

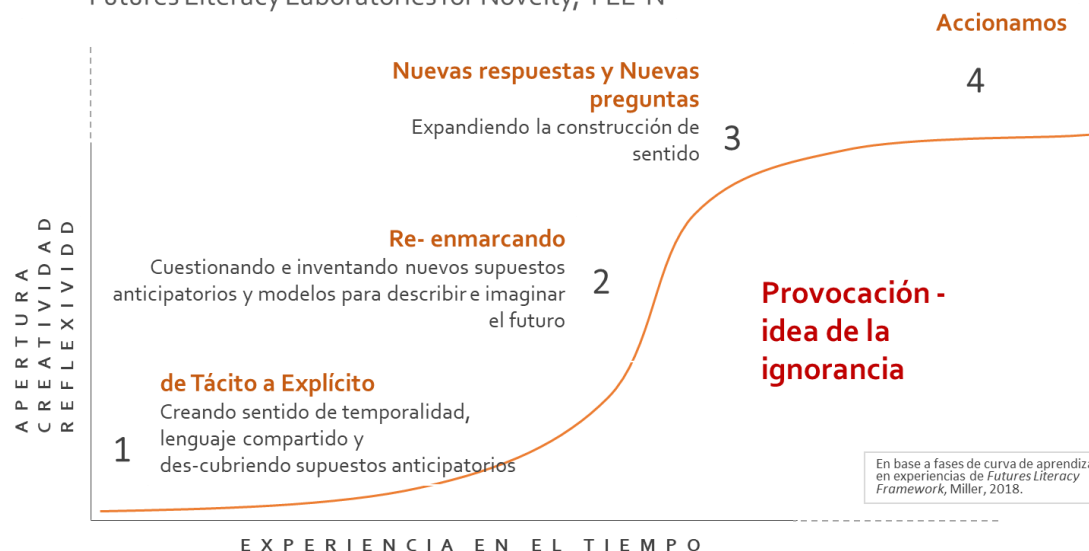
## FLL-N LEARNING SPIRAL\*



EXPLORATION - INSPIRATION - EXPERIMENTATION - CREATION - EXPLORATION

\* Based on Dewey's Learning Spiral

LABORATORIOS DE ALFABETIZACIÓN EN FUTUROS  
PROCESOS DE CO-CREACIÓN DE CONOCIMIENTOS  
dando sentido' y 'creando sentido' al recorrer la curva de aprendizaje  
Futures Literacy Laboratories for Novelty, FLL-N







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# DESIGNING AND FACILITATING TRANSFORMATIONAL PROCESSES

## CONCEPTUAL-HEURISTIC FRAMEWORK APPLIED IN TERRITORIES



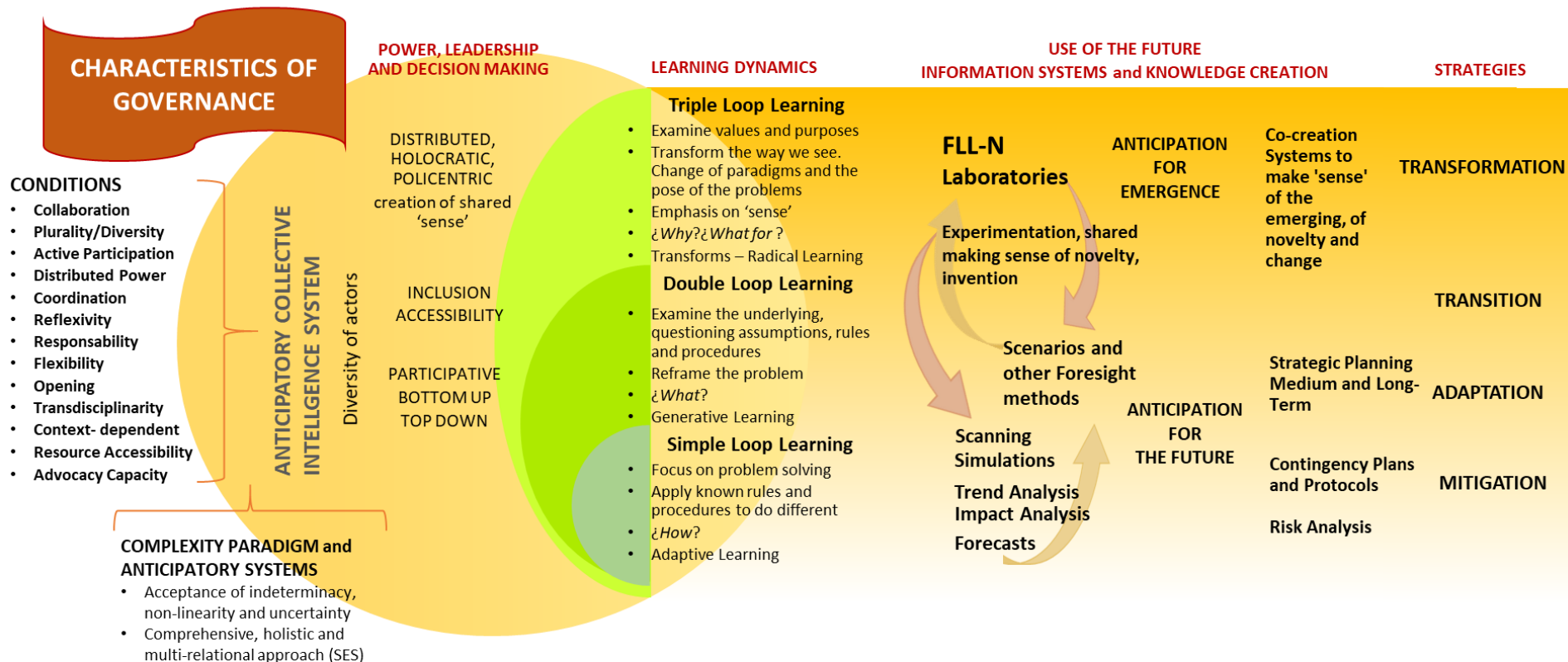
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# ACTION-LEARNING-RESEARCH

## ANTICIPATORY GOVERNANCE correlations and articulations



**NOTE for chart reading:**

Titles: diverse components  
Correlations: horizontally  
Articulations: vertically and horizontally  
Comprehensive: from above to below (resignifying)



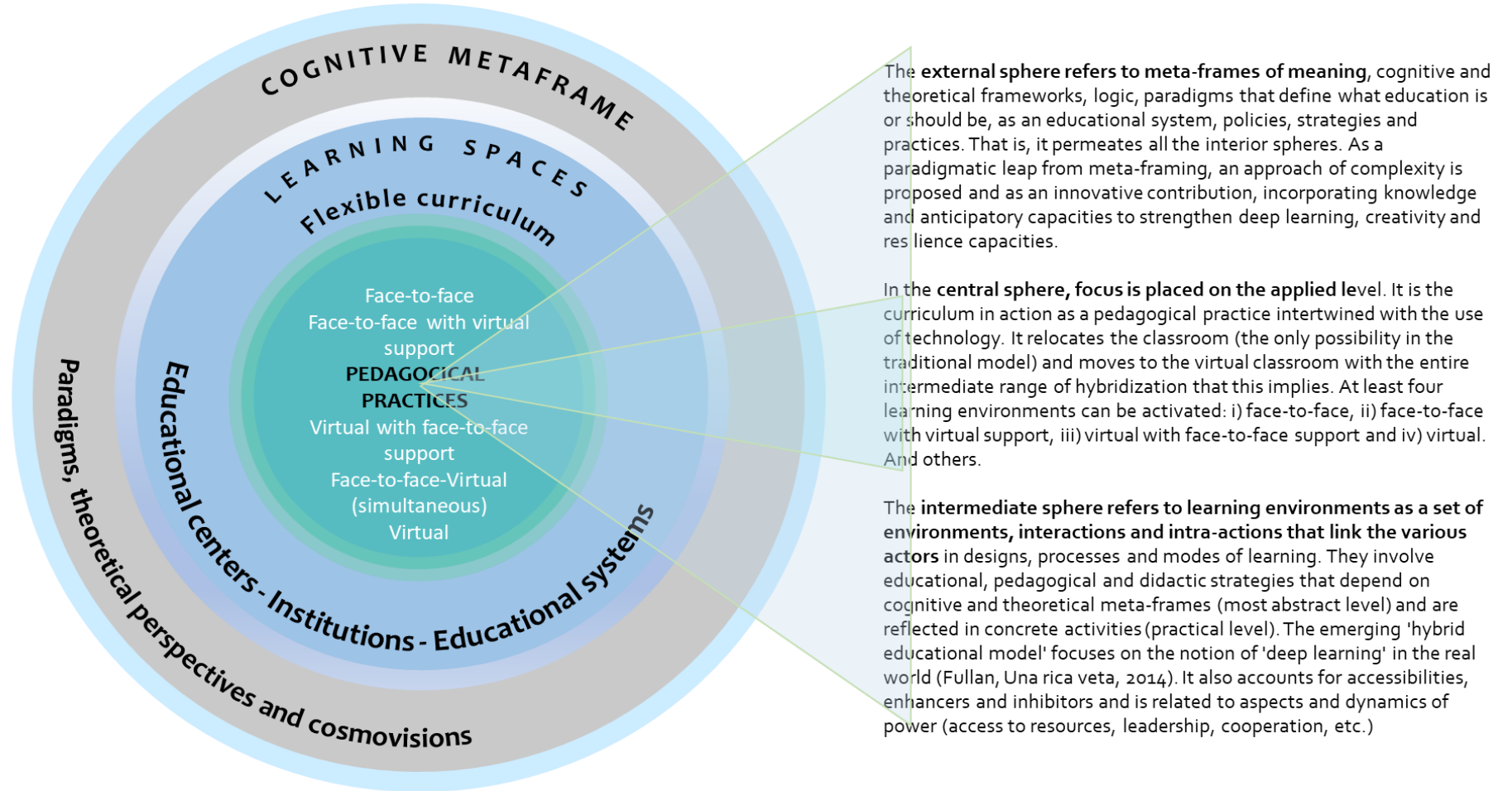


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# TRANSFORMATIONAL LEARNING AT EDUCATIONAL CENTERS LEVEL

## THREE LEVELS OF TRANSFORMATION



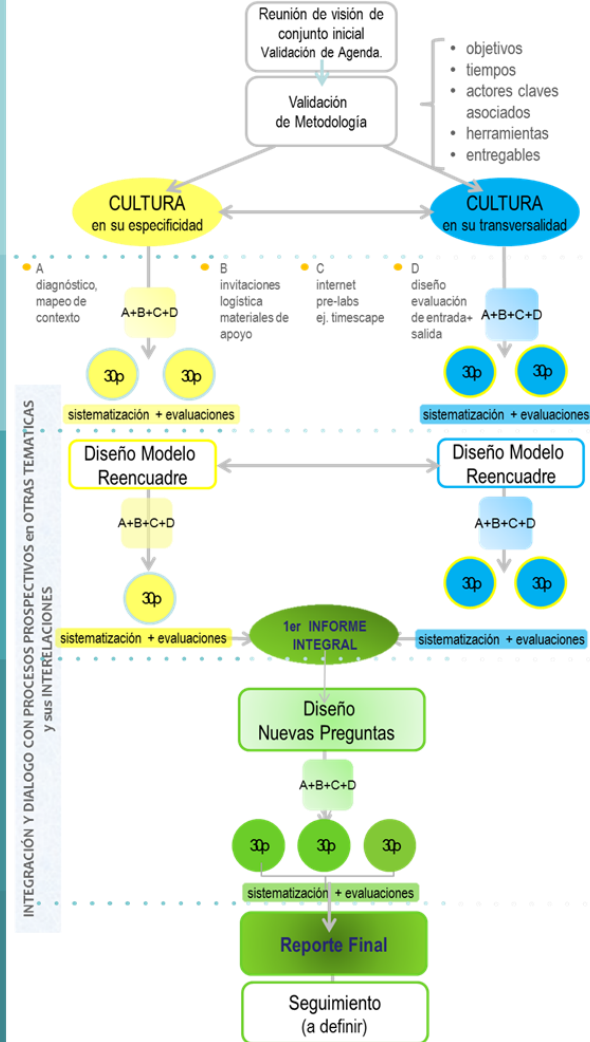


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FACILITADORES OBSERVADORES e INVESTIGADORES participan durante toda la implementación del Proyecto
INSTANCIAS PREPARATORIAS Mes 1
EVENTOS FASE 1 De Tácito a Explícito Mes 2
FASE 2 Reframing Mes 3 y 4
FASE 3 Nuevas alternativas Mes 5
EVENTOS DE CIERRE Mes 6
SEGUIMIENTO

LABORATORIOS DE FUTURO PARA COCREACIÓN DE CONOCIMIENTO EN PRÁCTICAS DE PLANIFICACIÓN ESTRATÉGICA. FOCO: CULTURA Y DESARROLLO



semanas	EQUIPO DE DISEÑO + EXPERTOS
1	Diseño general del proceso
2	
3	Nivelación-Entrenamiento Interno
4	
5-6	Diseño de instrumentos preparatorios + tareas relevamiento y logística
7	Laboratorios
8-9	• Temporalidad • Construcción de lenguaje compartido • Identificación de supuestos anticip. • Variables y relaciones de causalidad
10-11	Diseño de los parámetros del modelo de reframing.
12	Laboratorios
13	• Nuevos supuestos anticipados • Nuevas variables claves • Nuevas imágenes escenarias
14-15	
16	
17-18	Variables y Descriptores de Espacios de Posibilidad como Escenarios
19	Laboratorios
20	• Visiones de futuro/Oportunidades de presente • Nuevas preguntas • Espacios de Posibilidad • Escenarios Transformacionales
21-22	
23-24	Reporte Final
25	Da cuenta de los resultados de todo el proceso, con capacidad de articular con los otros ejercicios prospectivos

# DESIGNING RESEARCH PROCESSES FOR DECISION MAKING

# QUALITATIVE RESEARCH FOR PUBLIC POLICY





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# TRANSFORMING THE FUTURE

ANTICIPATION IN THE 21ST CENTURY



# TRANSFORMANDO EL FUTURO: ANTICIPACIÓN EN EL SIGLO XXI

▪ <https://www.youtube.com/watch?v=h1QOxYMIFlc>

▪ <http://unesdoc.unesco.org/images/0026/002646/264644E.pdf>



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# A BOUNDARY INSTITUTION



*The South American Institute for Resilience and Sustainability Studies (SARAS<sup>2</sup>) is an inter and transdisciplinary research institute (combining disciplinary domains from the social, natural and exact sciences), aimed at contributing substantially to the production of knowledge and capacity building in processes and frames for sustainability of socio-ecosystems.*



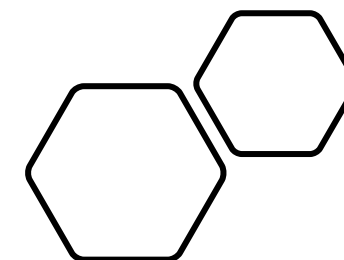




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# MAKING SENSE OF DIFFERENCE



**SARAS<sup>2</sup>**  
*South American Institute for  
Resilience and Sustainability Studies*

Laboratorio de  
**futuros** 



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