

# Capacity building and Applied Research

Sustainable Intermediate Cities, GIZ Ecuador

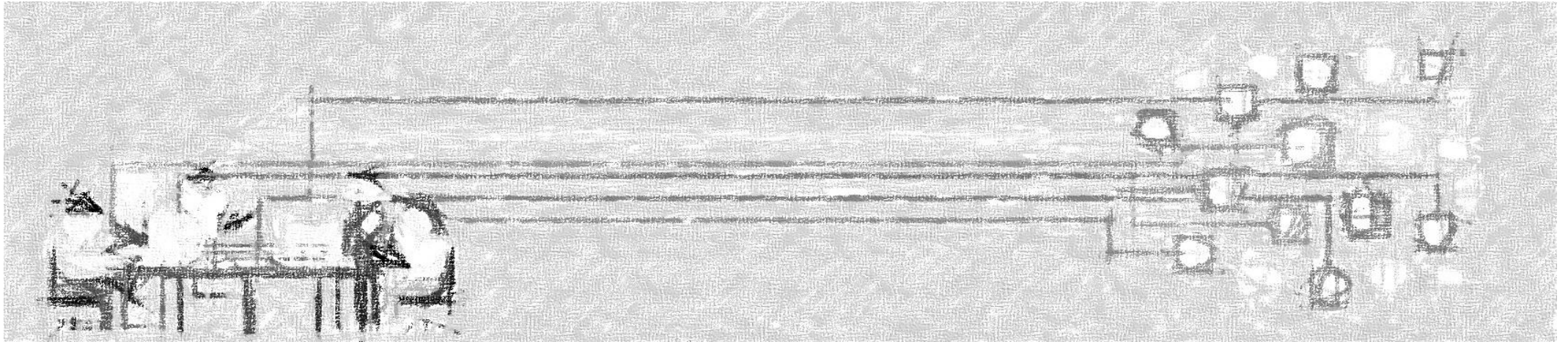
06.12.2019



Implementada por



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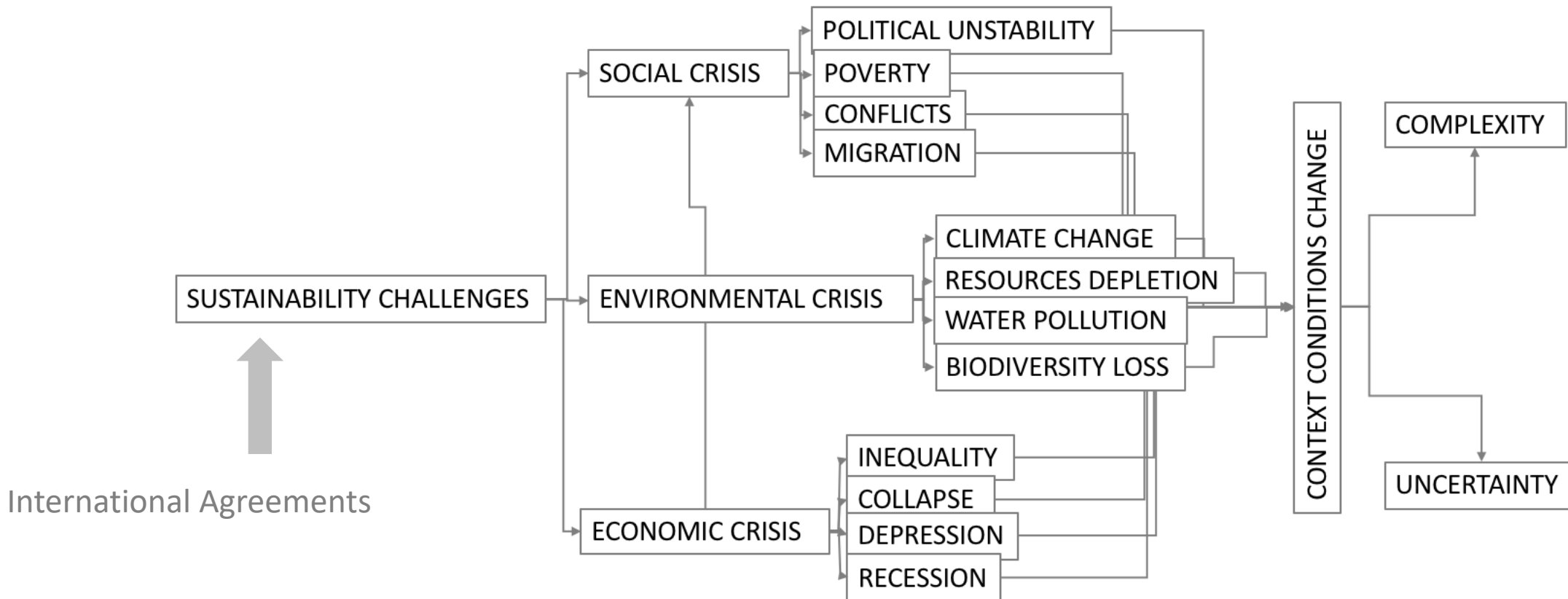


# Designing knowledge-action networks for supporting sustainable urban development:

*Interfacing science, policy and transformation processes towards sustainability in Municipalities.*

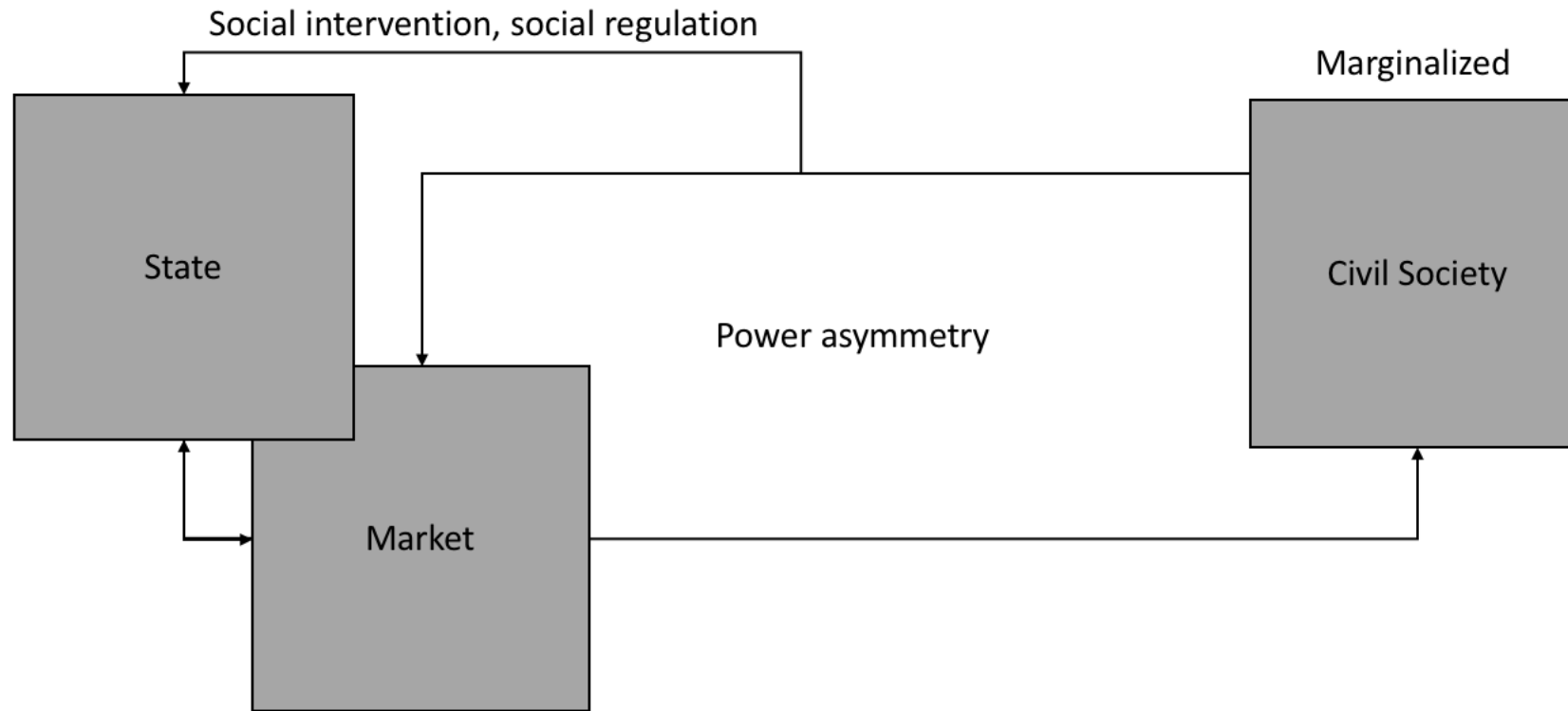
*Eduardo Noboa, PhD*

# Sustainability Challenges



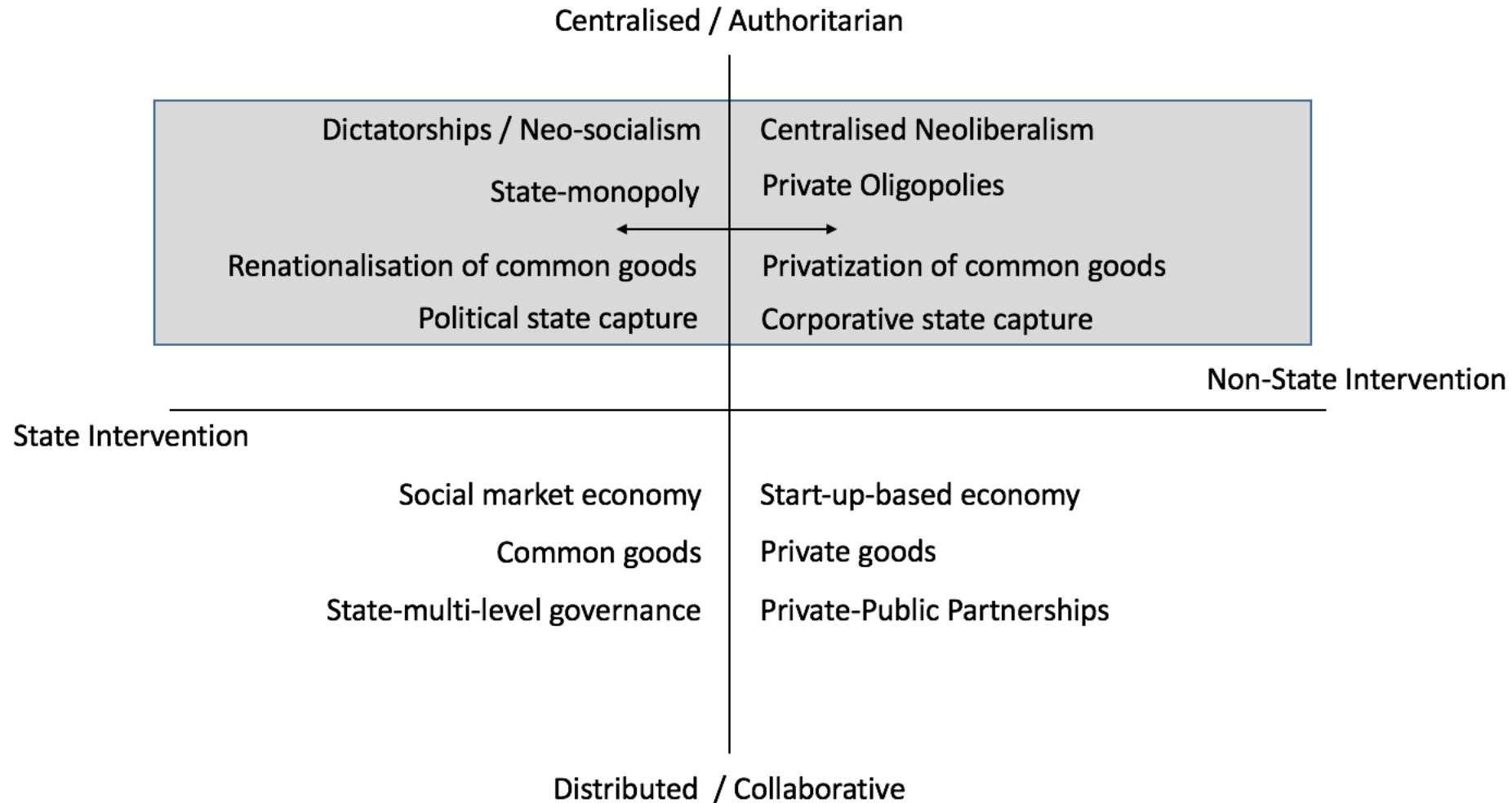
Source: Sustainability challenges and crisis (based on Steffen et al., 2015)

# Merging Spheres and State Capture



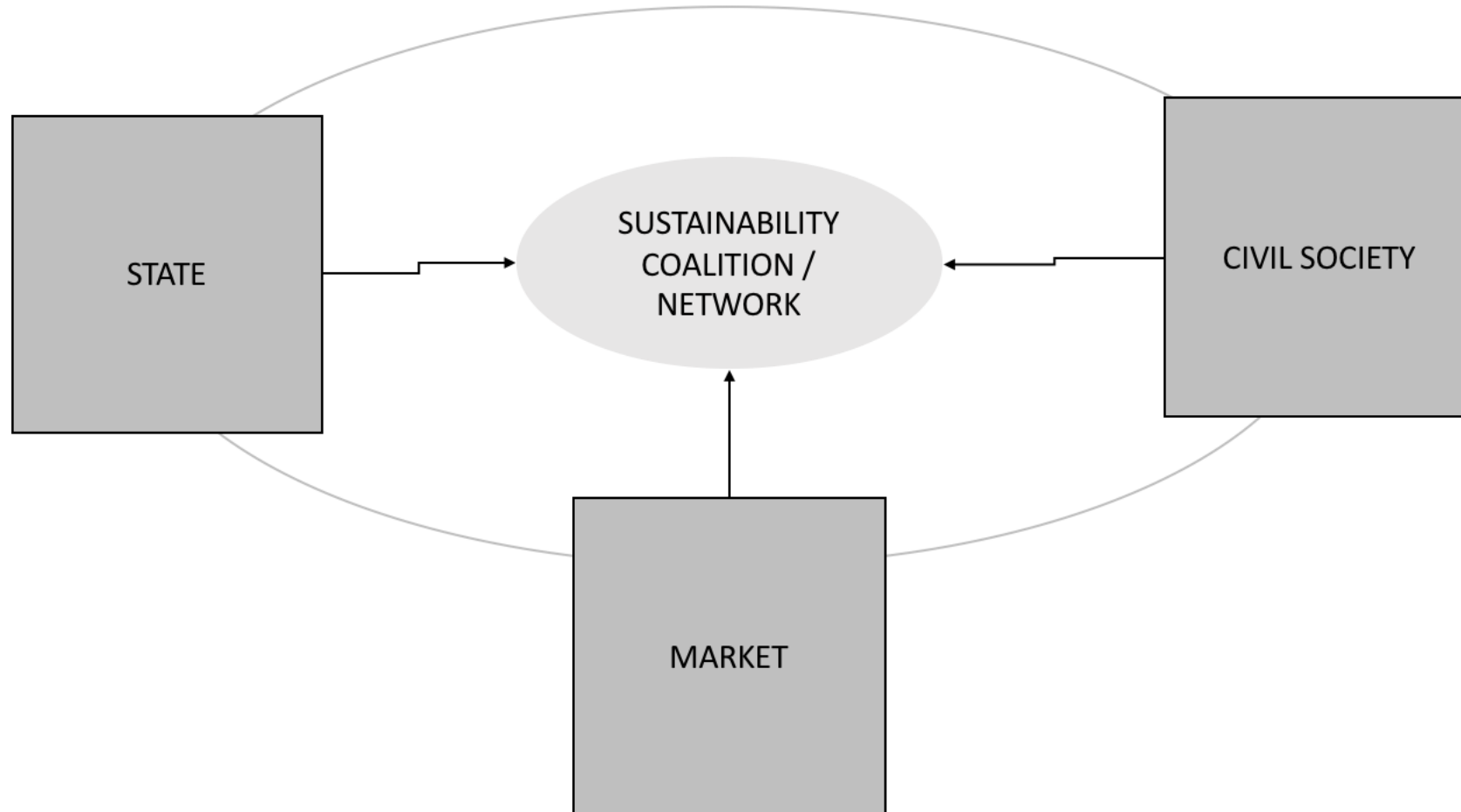
Source: The context of state capture (based on Hellman et al., 2003)

# Centralised and Distributed Models



Source: A fourfold typology of political economy (Based on (Rifkin, 2012))

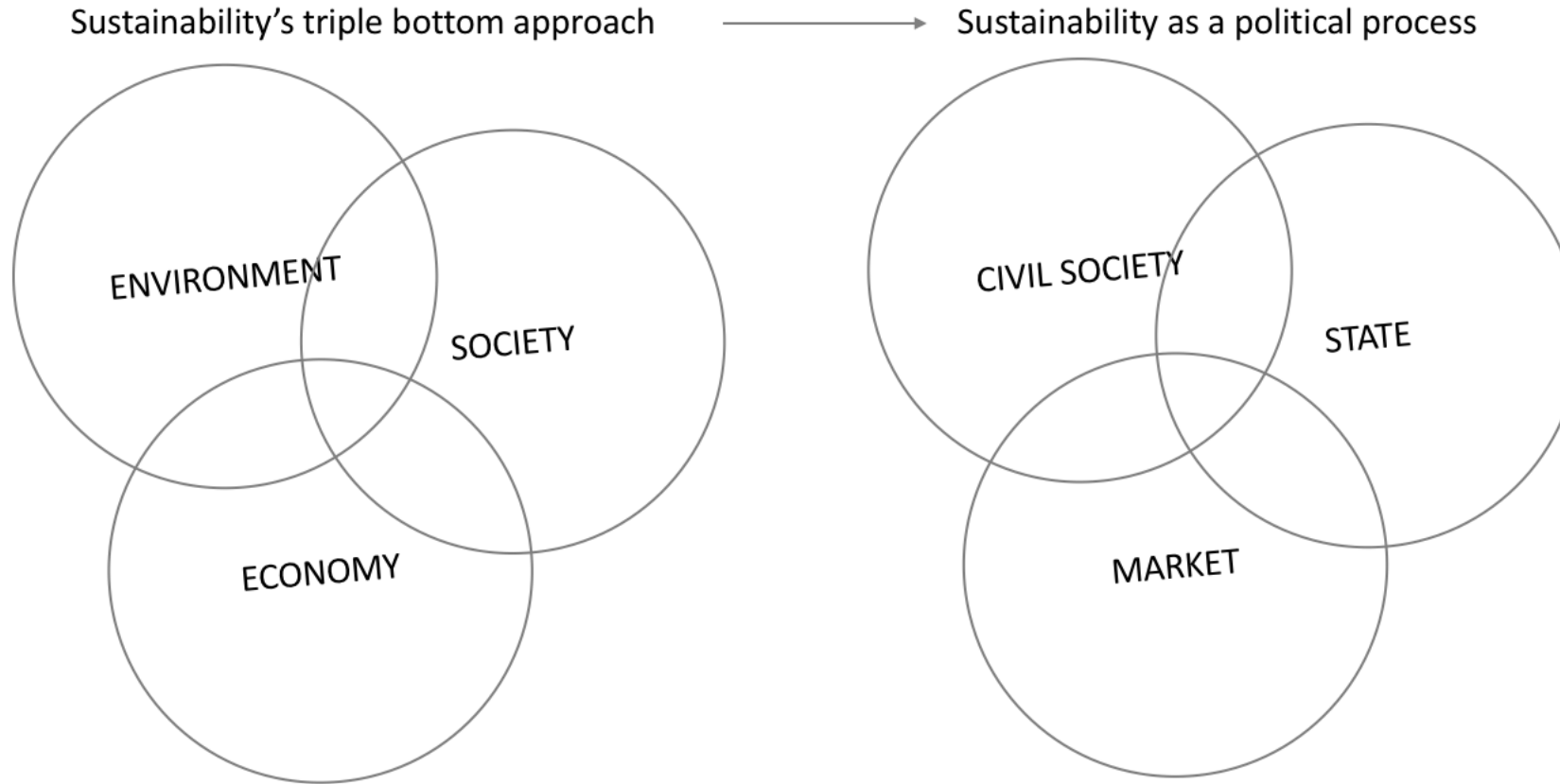
# Sustainability Partnership



Source: A new social contract for sustainability (based on Polanyi, 2001)

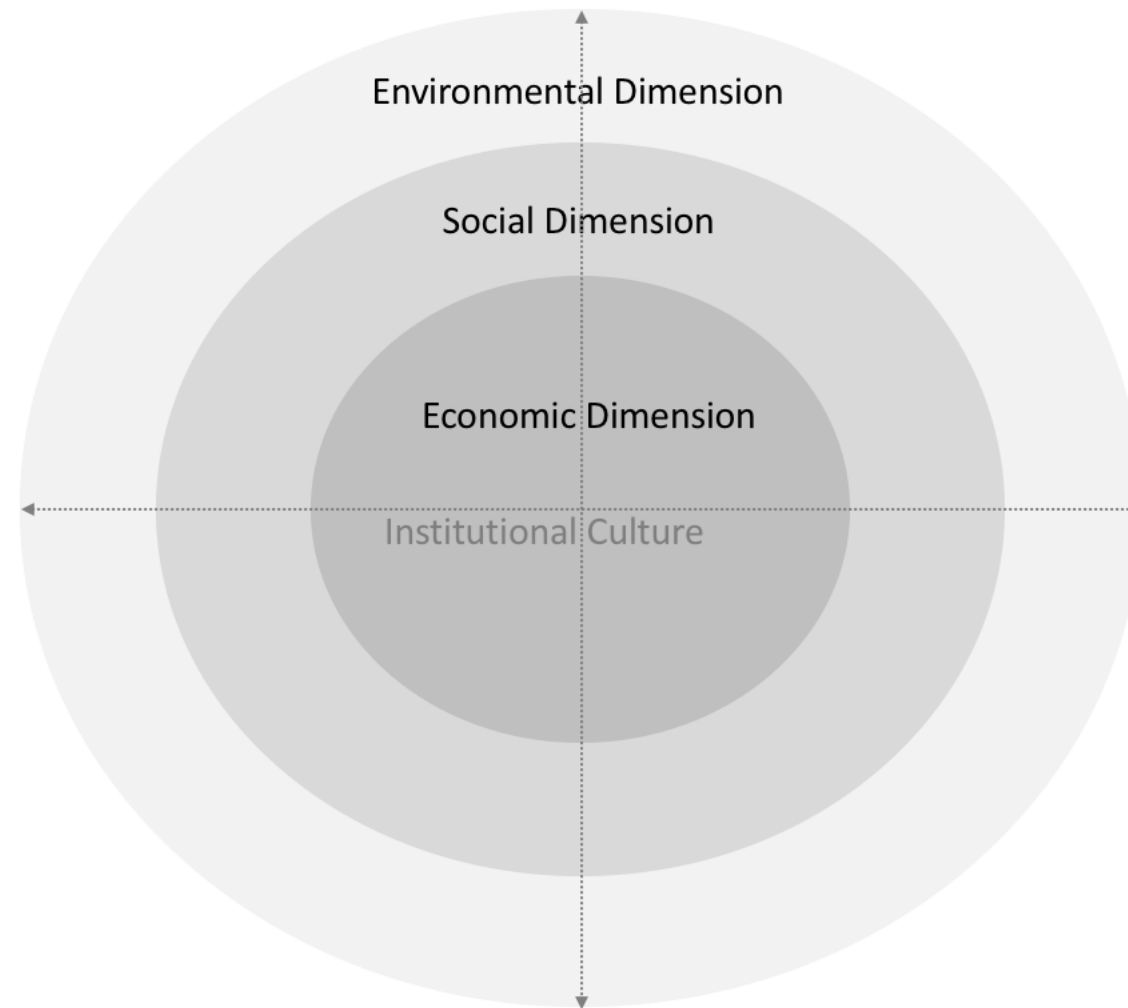


# Sustainability as a Political Process



Source: Sustainability as an essentially political issue (based on Heinrichs et al., 2015)

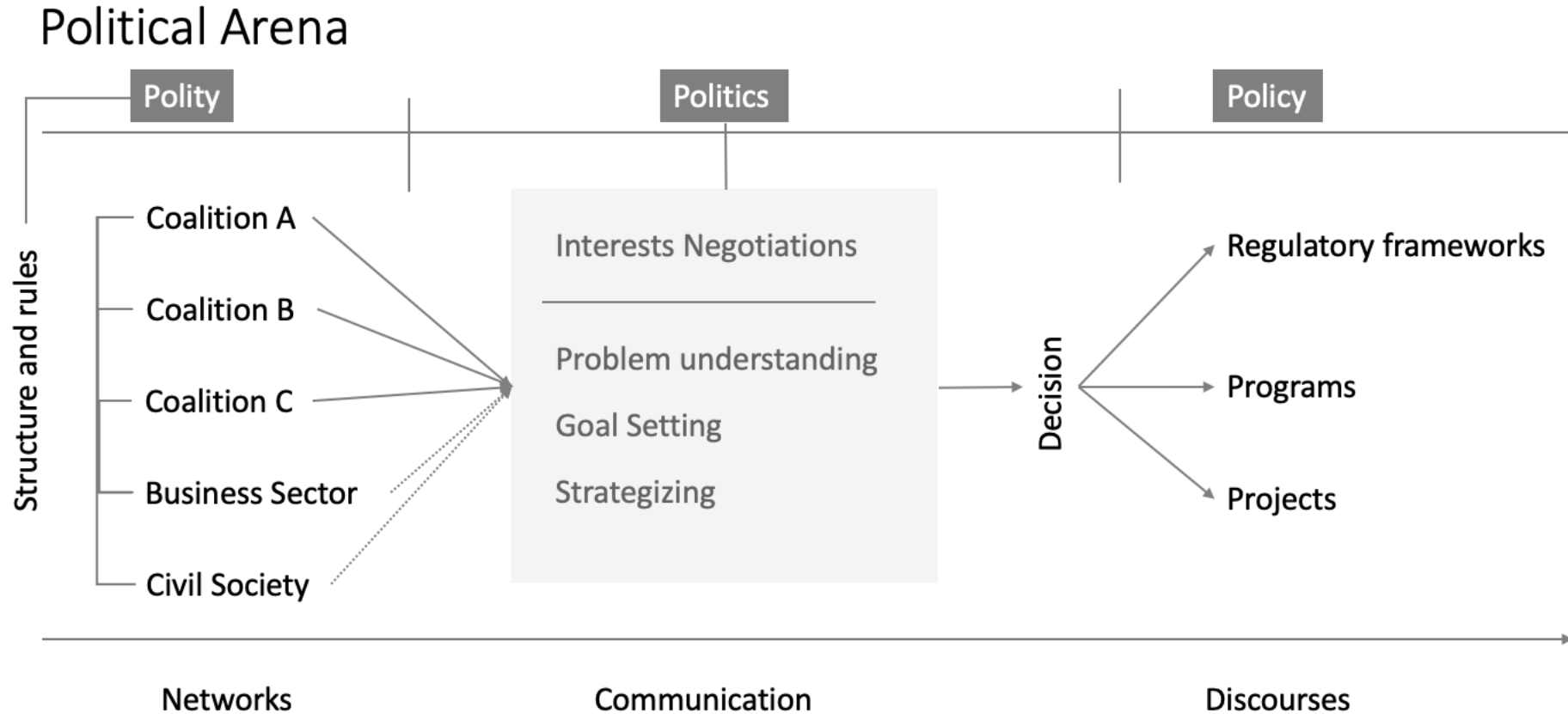
# New Sustainability Approach



Source: Towards a new sustainability approach (after Göpel, 2016)

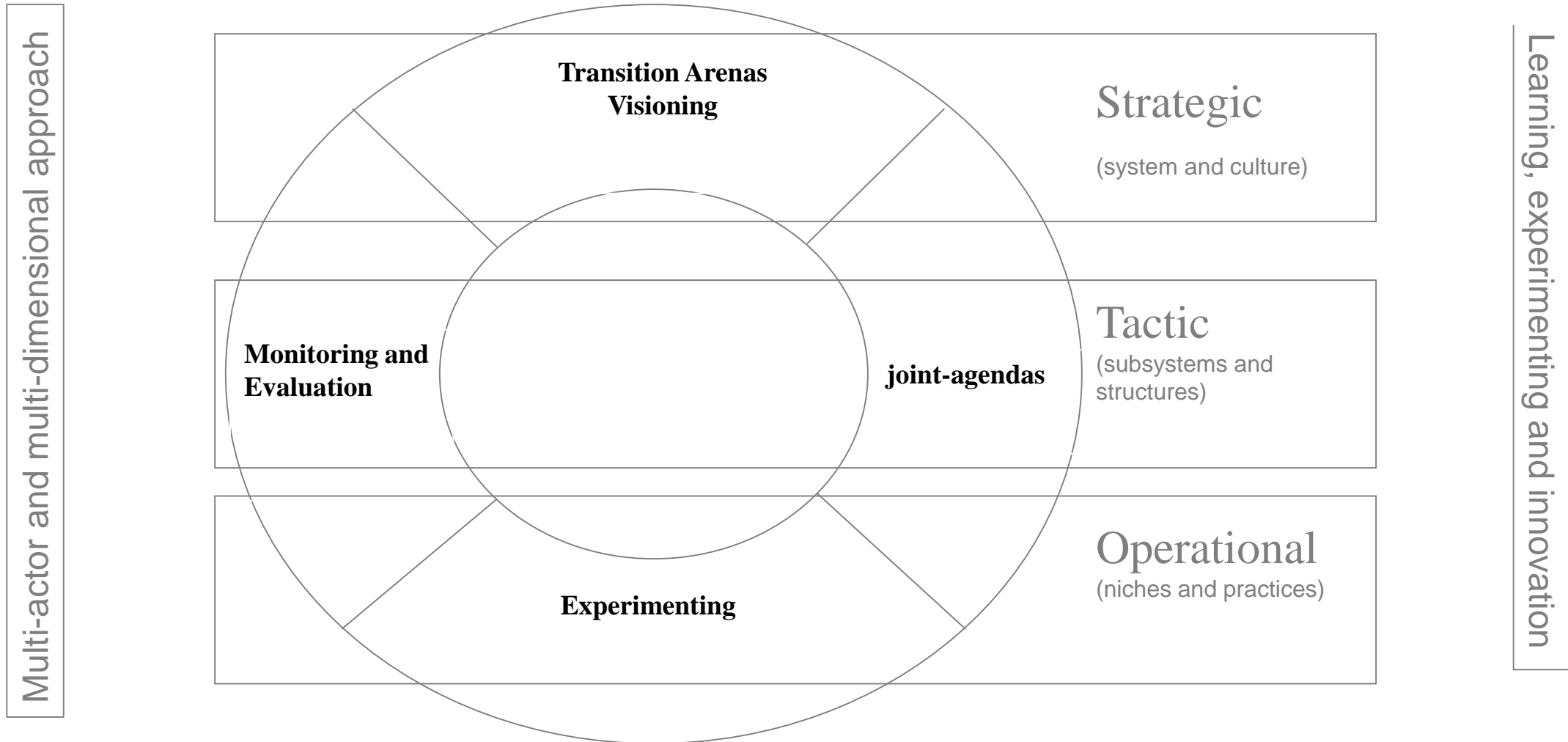


# Policy-making Process



Source: Policy-making process including other sectors (based on Sabatier and Jenkins-Smith, 1993)

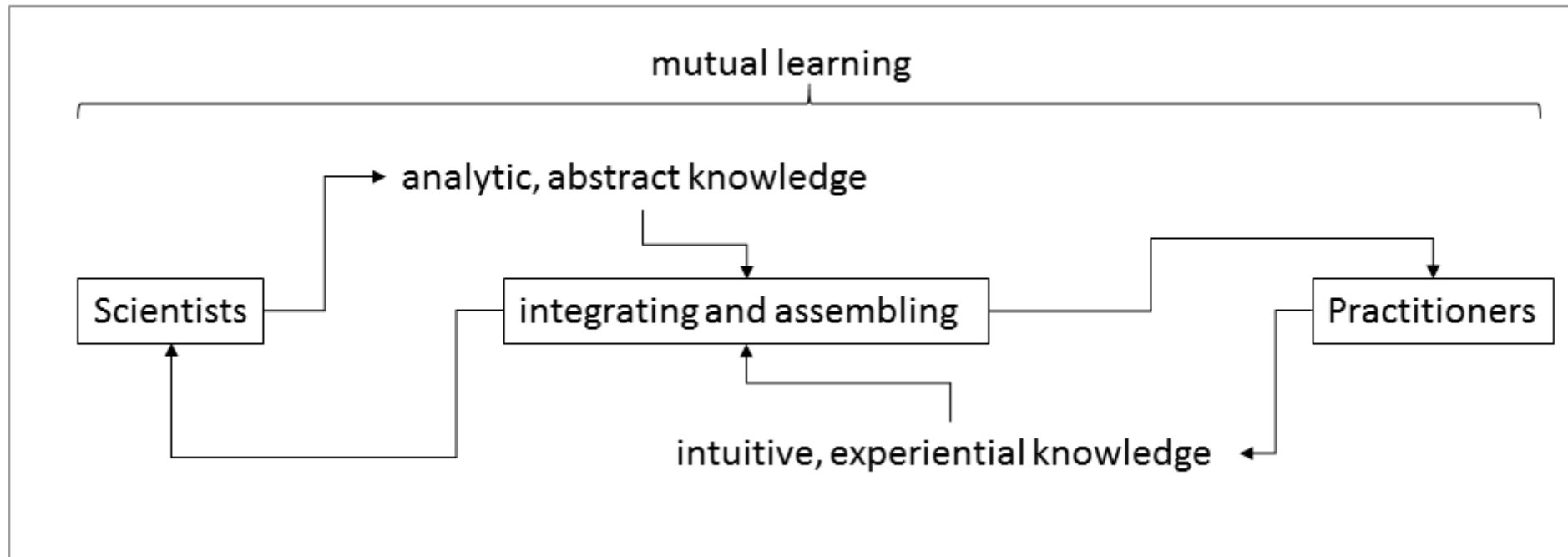
# Transition Management Cycle



Source: Transition management cycle (Based on Kemp, R., Loorbach, D., Rotmans, J., 2007)

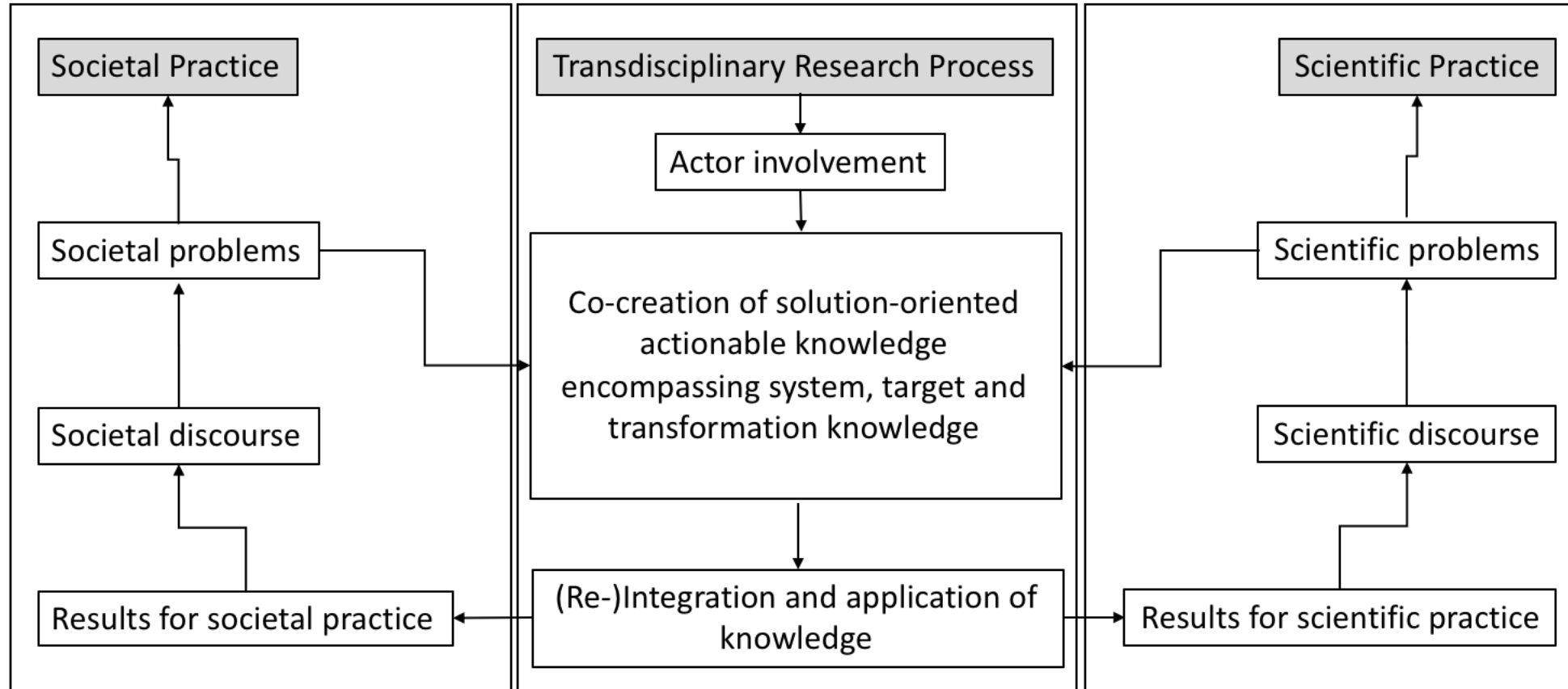
# Strengthening the Science-Society-Policy Interface

Real world system knowledge



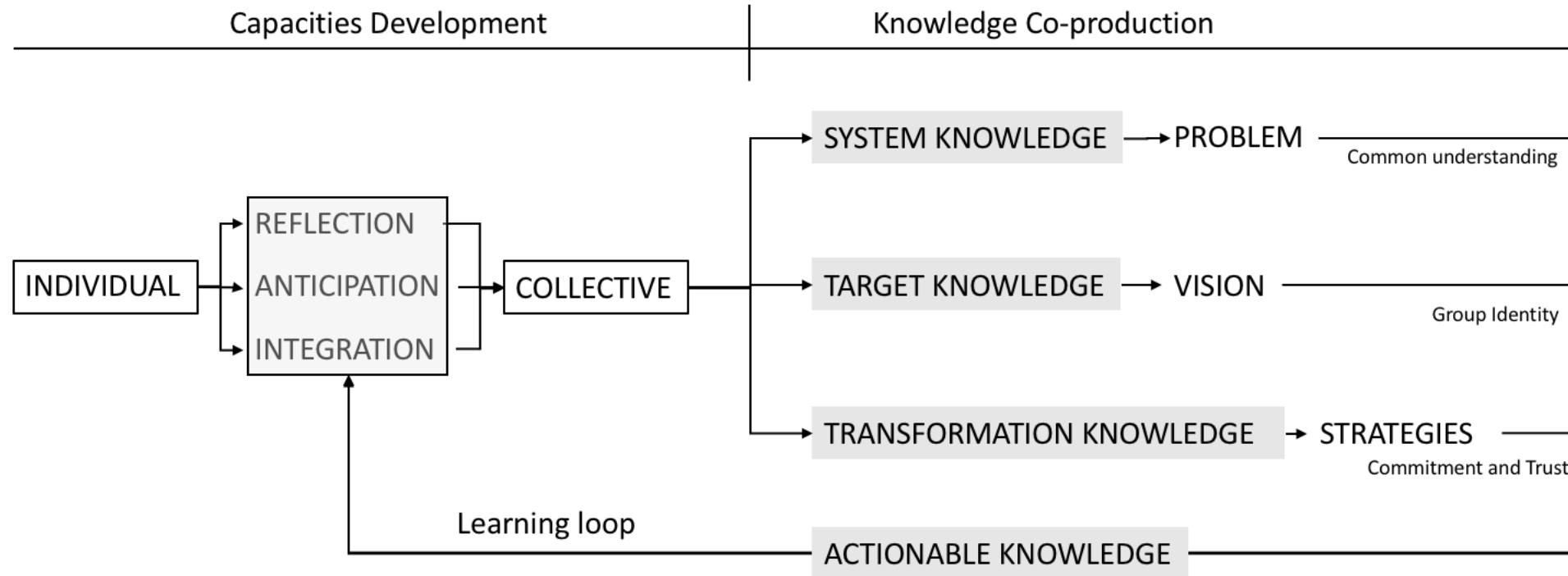
Source: Real World System Knowledge (based on (Scholz and Steiner, 2015))

# Transdisciplinary Research Process



Source: An idealised Transdisciplinary Research process (after (Lang et al., 2012)).

# Capacities and types of knowledge

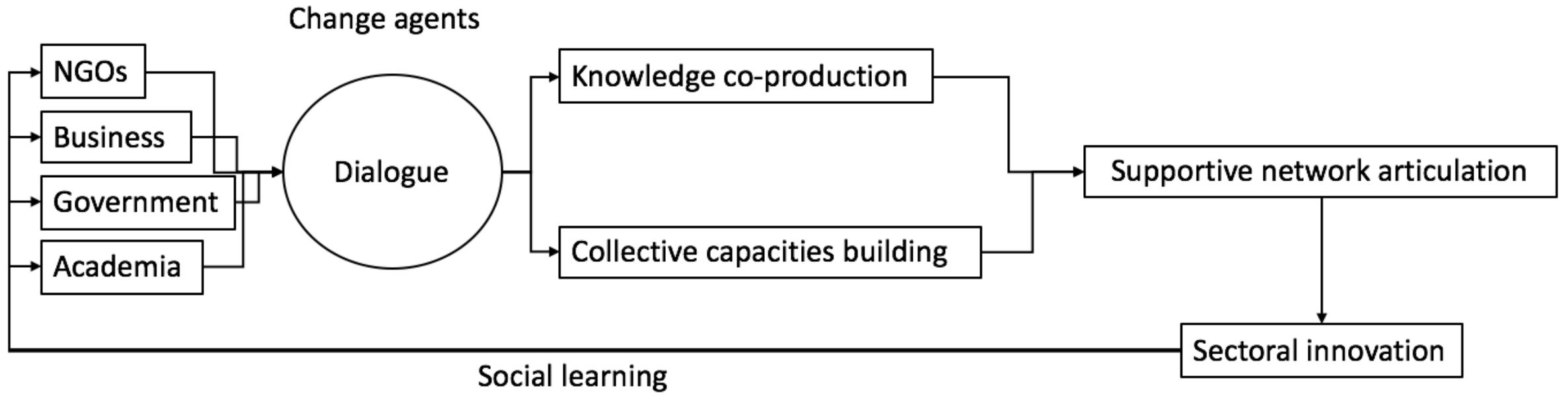


“Knowledge co-production generate capacities , capacities dynamize knowledge”

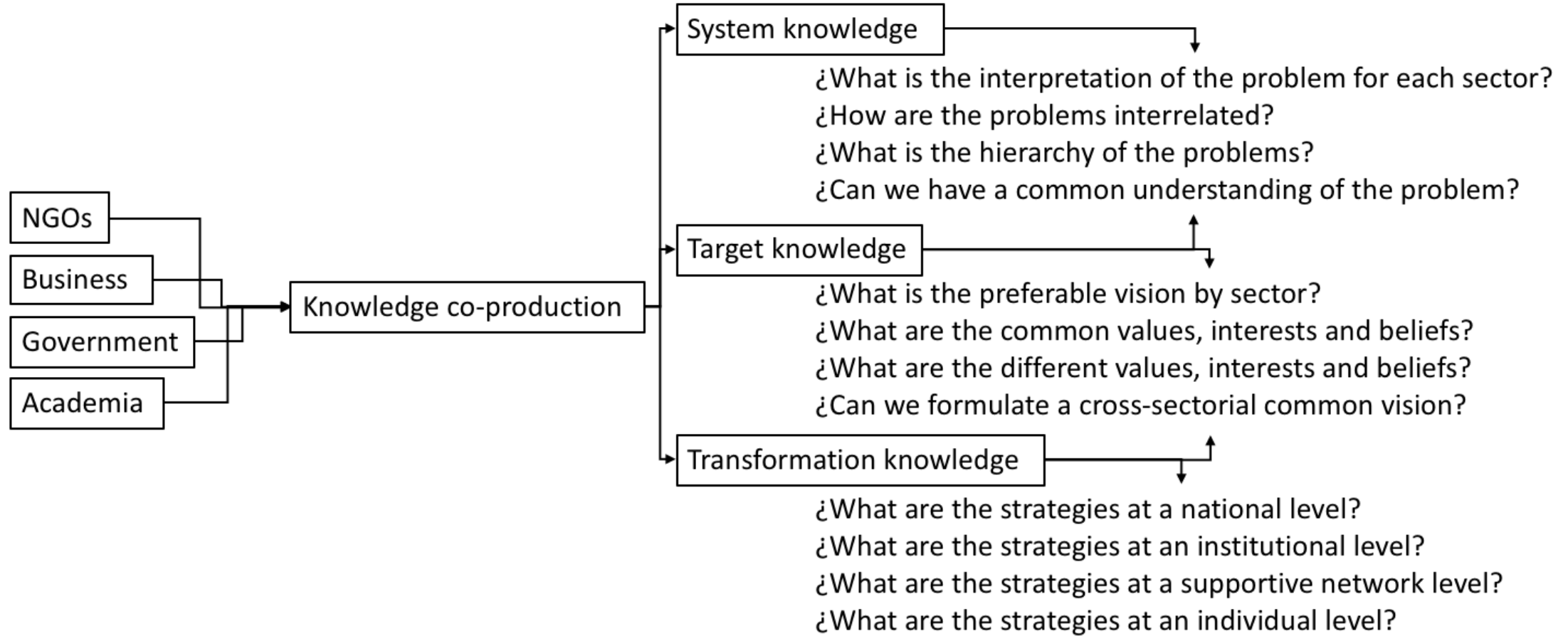
Source: Types of knowledge and capacities in transdisciplinarity

(Based on (Lindner, 2016)(Brandt et al., 2013)(Wiek et al., 2012)(Caniglia et al., 2017)(Schäpke et al.,2018))

# Participatory Process

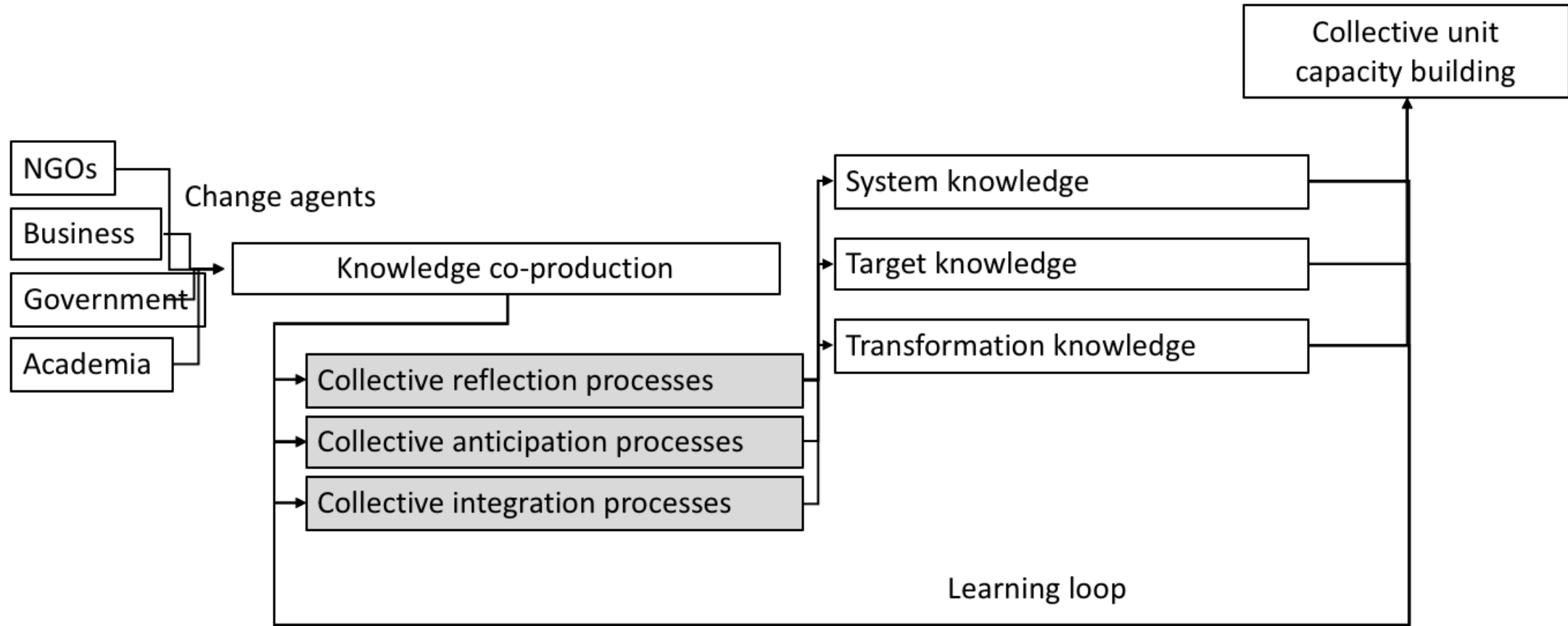


# Knowledge co-production

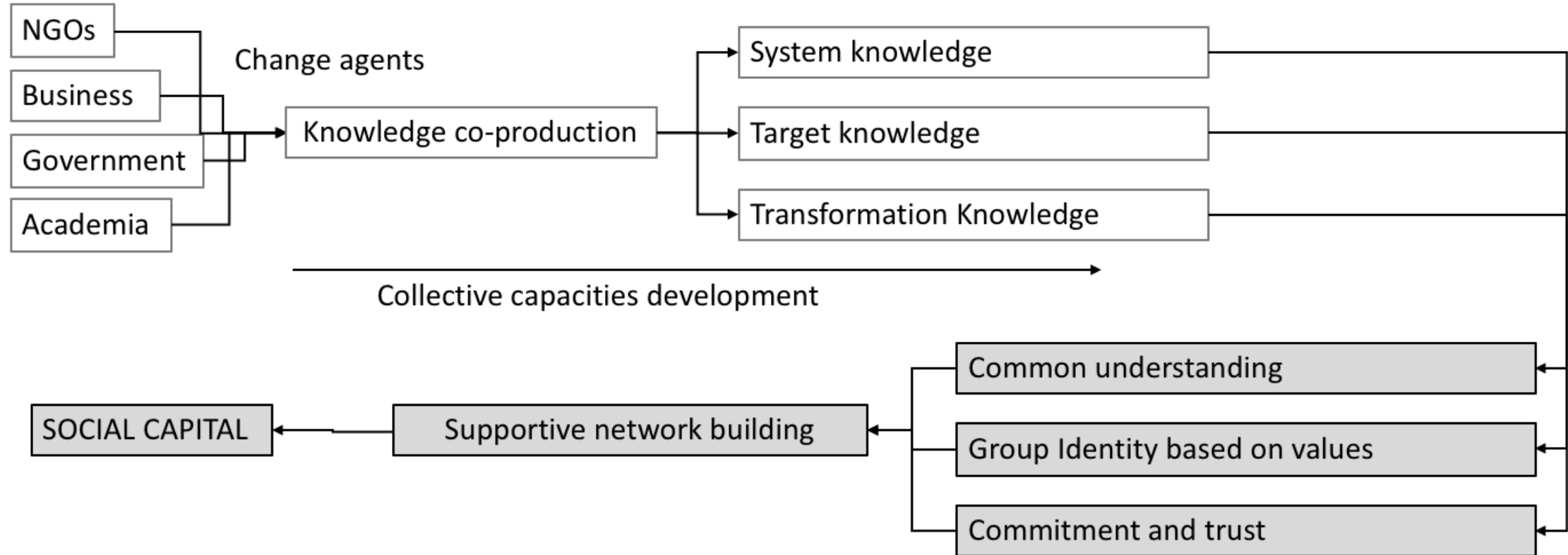




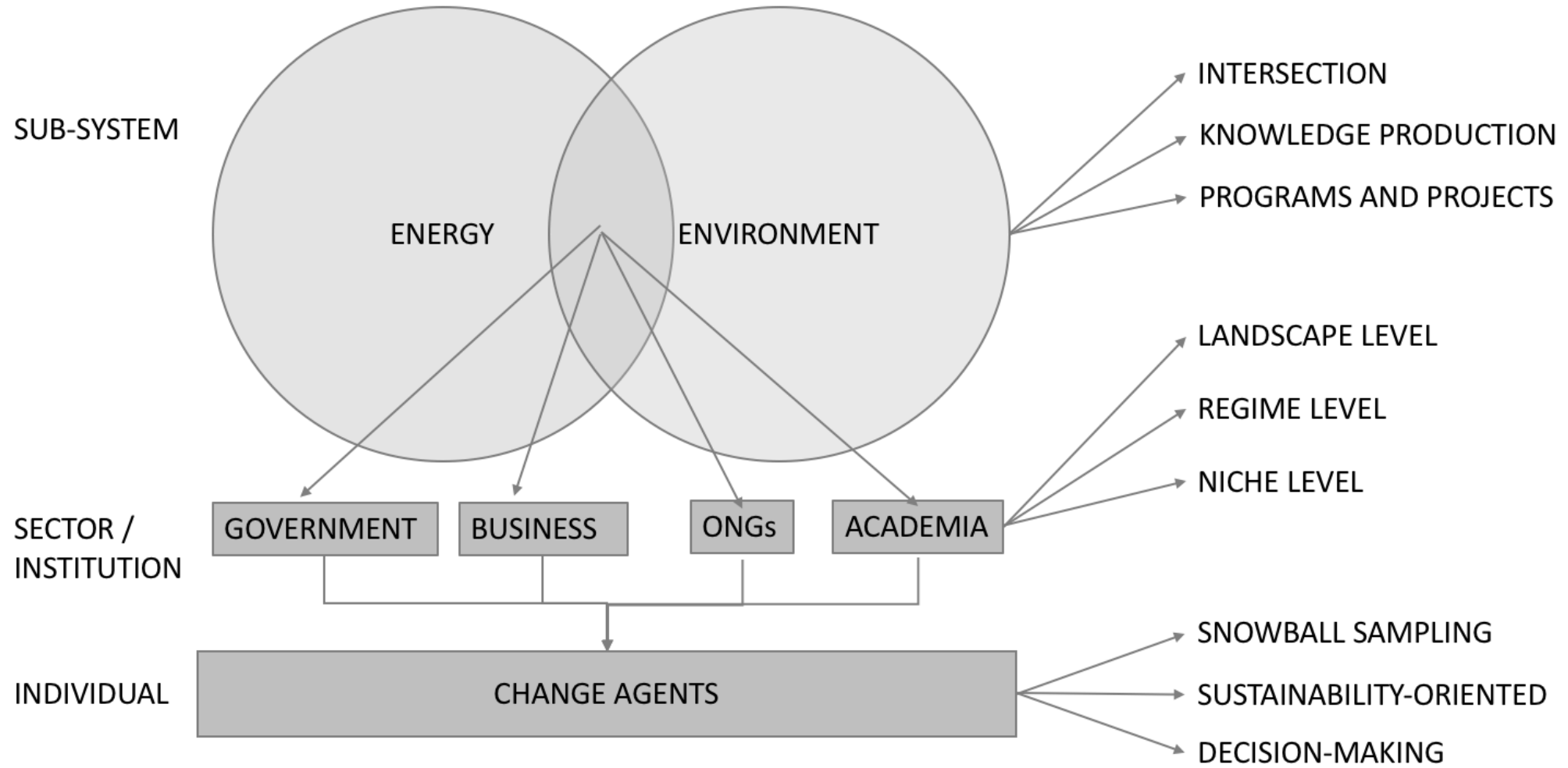
# Capacities development



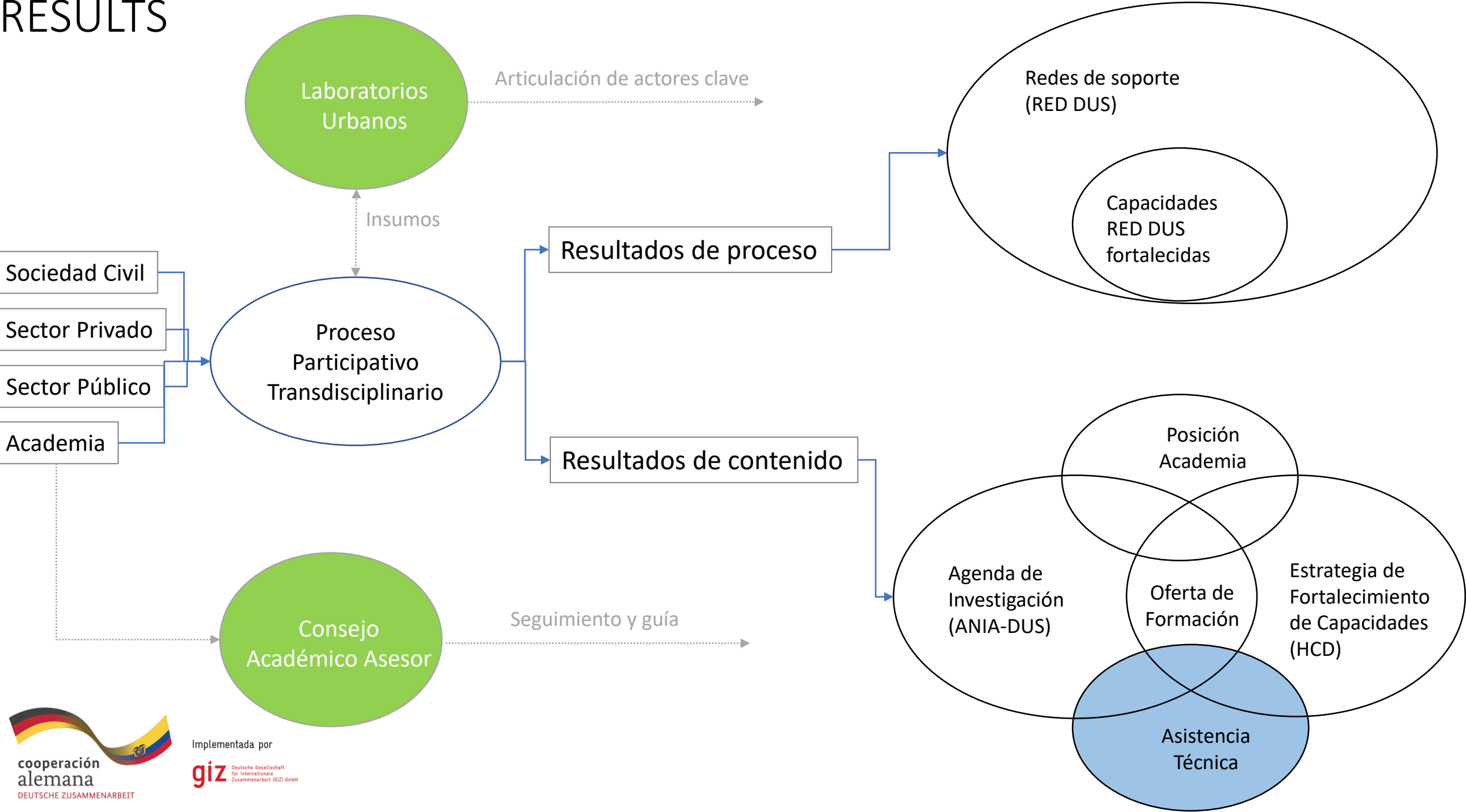
# Supportive network articulation



# Stakeholders Identification



# RESULTS



# AMBATO 2050

INSTITUCIONAL



MULTISECTORIAL



SECTORIAL ACADEMIA  
(REDES Y HUBS)

VISIÓN



EQUIDAD

SOSTENIBILIDAD



PRODUCTIVIDAD



GOBERNANZA





# PORTOVIEJO 2035

## EQUIDAD



## PRODUCTIVIDAD



SECTORIAL



MULTISECTORIAL



SECTORIAL ACADEMIA  
(REDES Y HUBS)

## VISIÓN



## SOSTENIBILIDAD



## GOBERNANZA



# CUENCA 2070

INTERINSTITUCIONAL

MULTISECTORIAL

SECTORIAL ACADEMIA  
(REDES Y HUBS)

SECTOR PRIVADO



ACADEMIA



VISIÓN

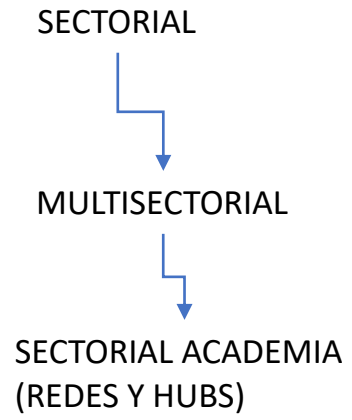


SECTOR PÚBLICO





# LOJA 2030



SECTOR PRIVADO



ACADEMIA



VISIÓN



SOCIEDAD CIVIL



SECTOR PÚBLICO





# LATACUNGA 2040

EQUIDAD

SOSTENIBILIDAD

MULTISECTORIAL



SECTORIAL ACADEMIA  
(REDES Y HUBS)



VISIÓN

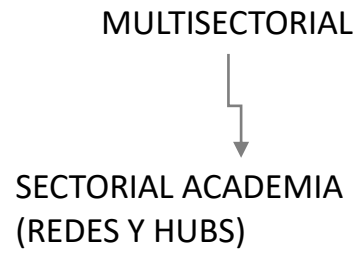
GOBERNANZA

PRODUCTIVIDAD





# LAGO AGRIO 2050



EQUIDAD



SOSTENIBILIDAD



VISIÓN



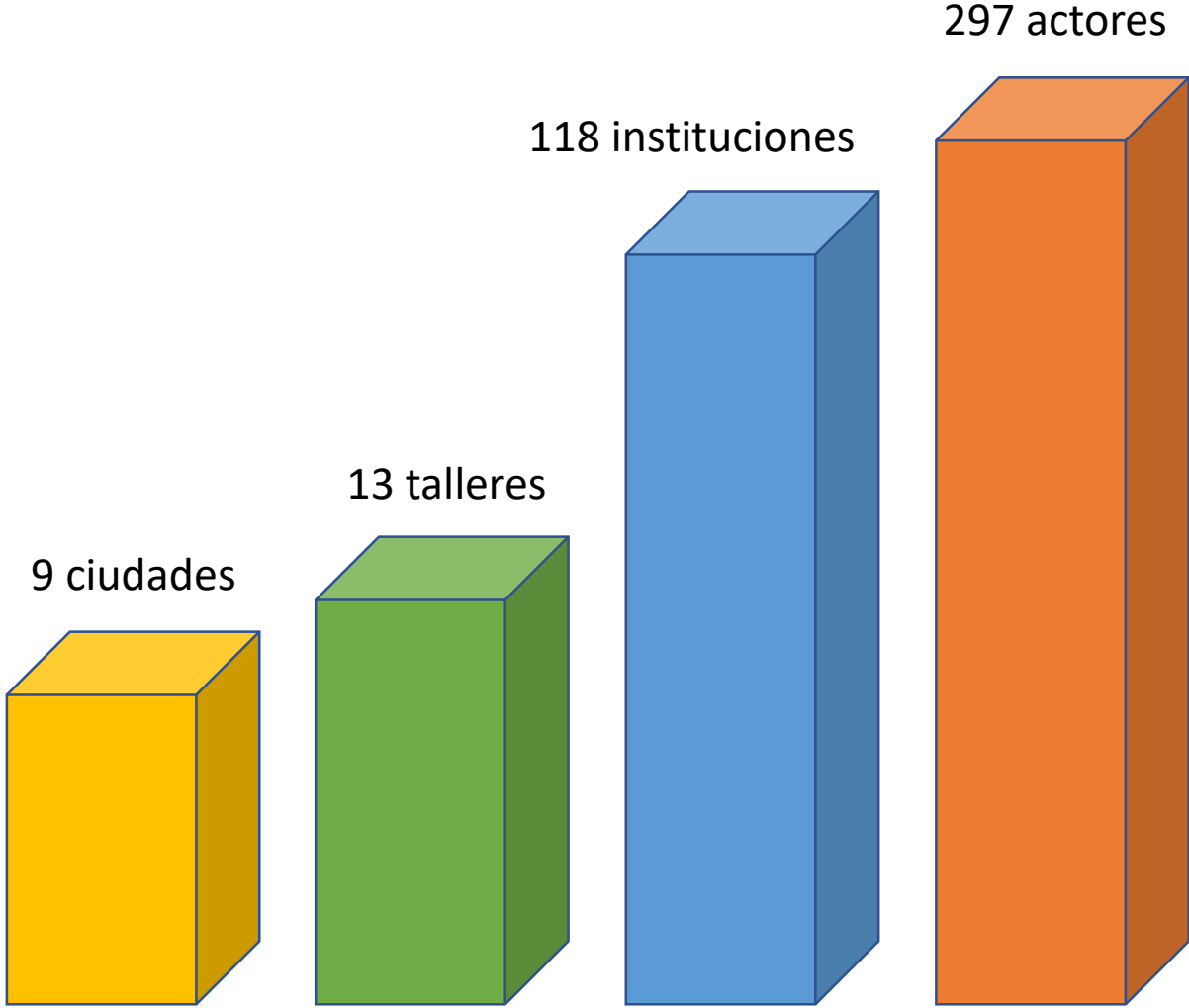
GOBERNANZA



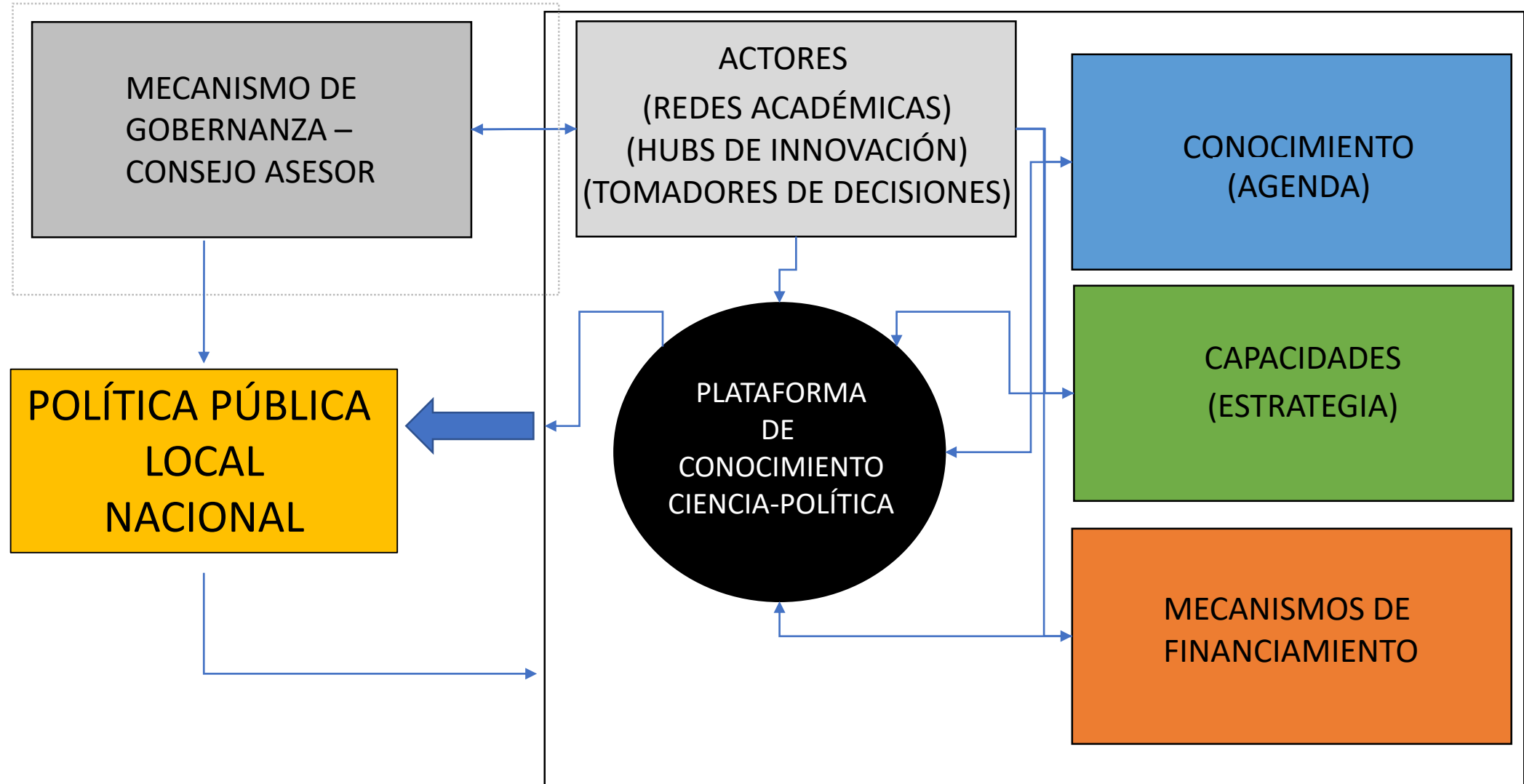
PRODUCTIVIDAD



# MULTISECTORIAL NATIONAL PARTICIPATION



# INNOVATION ECOSYSTEM FOR SUSTAINABLE URBAN DEVELOPMENT





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