

Translating Locally-led Resilience into Action
in the Age of Complex Risk and Digital Transformation
복합위험과 디지털 전환시대, 지역주도 복원력의 실행

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송도컨벤시아 그랜드볼룸 A
Songdo Covensia, Grand Ballroom A

From plan and information to practice.

Network Mechanisms as a Lens for Resilience

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From plan and information to practice.

Plans, data, knowledge and technology provide direction.
Institutional capacity turns them into action.

- Complex risks cross sectors, while knowledge, resources, competencies and responsibilities are distributed across different areas and actors.
- Distribution does not dilute responsibility; each area retains its role, but capacities are interdependent.
- Moving from plan and information to practice requires integrated knowledge, coordination and connection to decision-making.

The problem is not the distribution of capacities. It is fragmentation.

Network mechanisms as a lens for resilience

A way to read how capacity is distributed, connected and strengthened in everyday management.

- Map actors, relationships, knowledge, resources and decision points around an existing practice.
- Identify where coordination already works, where fragmentation persists and which capacities can be strengthened.
- Networks are not the implementation structure; they are one dimension of management capacity that helps connect dispersed capabilities.
- External networks such as MCR2030 add value when shared knowledge is translated into local institutional capacity.

Network mechanisms help make existing capacity visible — and actionable.

Porto Alegre: recognizing capacity in everyday practice

Resilience can be strengthened by understanding how existing practices already connect people, knowledge and routines.

- Women's Network — relationships built before a concrete need emerges.
- COPAE — shared situational analysis and intersectoral coordination without diluting responsibilities.
- Risk-area mapping — integration of data, studies and technical knowledge to improve prevention, territorial understanding and decision-making.

Map practice → identify capacities and gaps → strengthen before crisis.

One everyday practice can build multiple capacities

Agroecological School Feeding Programme (PNAE): management + farmers + technical knowledge + logistics + networks.

- The programme connects actors and resources that normally sit in different parts of the system.
- Its implementation builds territorial knowledge, supply and logistical capacity, relationships and coordination — alongside its direct food-system benefits.
- Reading the practice reveals actors, bottlenecks, knowledge and connections that can be intentionally strengthened.

Everyday policy implementation can accumulate capacity for future challenges.

AI expands analytical capacity; governance and networks help translate intelligence into action

Digital transformation strengthens resilience when analytical capacity becomes institutional practice.

- AI can accelerate data organization and comparison, identify patterns, support scenarios and expand the scale of analysis.
- Data governance connects analytical capacity to quality, access, shared criteria, traceability and clear responsibilities.
- Networks and institutional coordination bring actors, knowledge and resources into interpretation, decision-making and action.
- Shared learning turns experience into accumulated capacity for future risks.

Data + AI → richer analysis → governance + networks → coordinated action



Resilience is built when plans,
knowledge and technology become
institutional practice.



Thank you

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