

Supporting Sustainability – Institutional needs and Governance Framework



Prof. dr. ir. Joep Crompvoets

New York, 5 August 2019

**UN-GGIM Academic Network and Geospatial Societies Open Forum
Building Technical Capacities for Resilience and Sustainability:**



Institutional Needs

Developing formal and informal **structures** aiming to enhance, frame or regulate the voluntary or forced alignment of tasks and efforts of organizations in the context of resilience and sustainability

Creation of greater **coherence** and reduction of redundancy, lacunae and contradictions with and between policies, implementations or management

Provision of **appropriate instruments** that governments can use to facilitate the relevant processes within and/or between organizations or programs

Key institutional challenge

Governance: Process referring to structures, policies, actors and institutions by which entities are managed through decisions and authority is exercised

Governance of Supporting Sustainability is **complicated**

- Multiple stakeholders
- Multiple objectives
- Multiple disciplines
- Multiple administrative levels
- Multiple Public Values: Transparency, Accountability, Inclusiveness, Adherence to Law, Performance, Openness, Participation, Collaboration



Governance Framework

3 Mechanisms underpinning governance:

- **Hierarchies** (*Authority, Rules, Regulations*)
- **Markets** (*Competition, Pricing*)
- **Networks** (*Cooperation, trust, solidarity*)

Operationalization of Governance relies on certain instruments, i.e. specific management activities or structures

Instruments

- Structural – Creating new or changing structures
- Managerial – Procedures, incentives, and values for planning, monitoring and evaluating the use of resources

Framework Instruments

Structural	Managerial
<ul style="list-style-type: none">- S1. Establishment of coordinating functions or entities- S2. Reshuffling division of competences- S3. Establishment of a legal framework- S4. Regulated markets- S5. Systems for information exchange and sharing- S6. Entities for collective decision-making- S7. Partnerships	<ul style="list-style-type: none">- M1. Strategic planning- M2. Financial management: input-oriented- M3. Financial management: performance-oriented- M4. Financial management: joined up working and cooperation- M5. Inter-organizational culture and knowledge management- M6. Capacity building

Framework - Clusters

Instruments	Hierarchy	Market	network
Structural	<ul style="list-style-type: none"> - S1. Establishment of coordinating functions or entities - S2. Reshuffling division of competencies - S3. Legal framework 	<ul style="list-style-type: none"> - S4. Regulated markets 	<ul style="list-style-type: none"> - S5. Systems for information exchange and sharing - S6. Entities for collective decision-making - S7. Partnerships
Managerial	<ul style="list-style-type: none"> - M1. Strategic planning - M2. Financial management: input-oriented 	<ul style="list-style-type: none"> - M3. Financial management: performance-oriented 	<ul style="list-style-type: none"> - M4. Financial management: joined up working and cooperation - M5. Inter-organizational culture and knowledge management - M6. Capacity building

Findings from applying framework

Need for an integrated change process

Importance of a strategic plan

Legislation catalyzing governance change

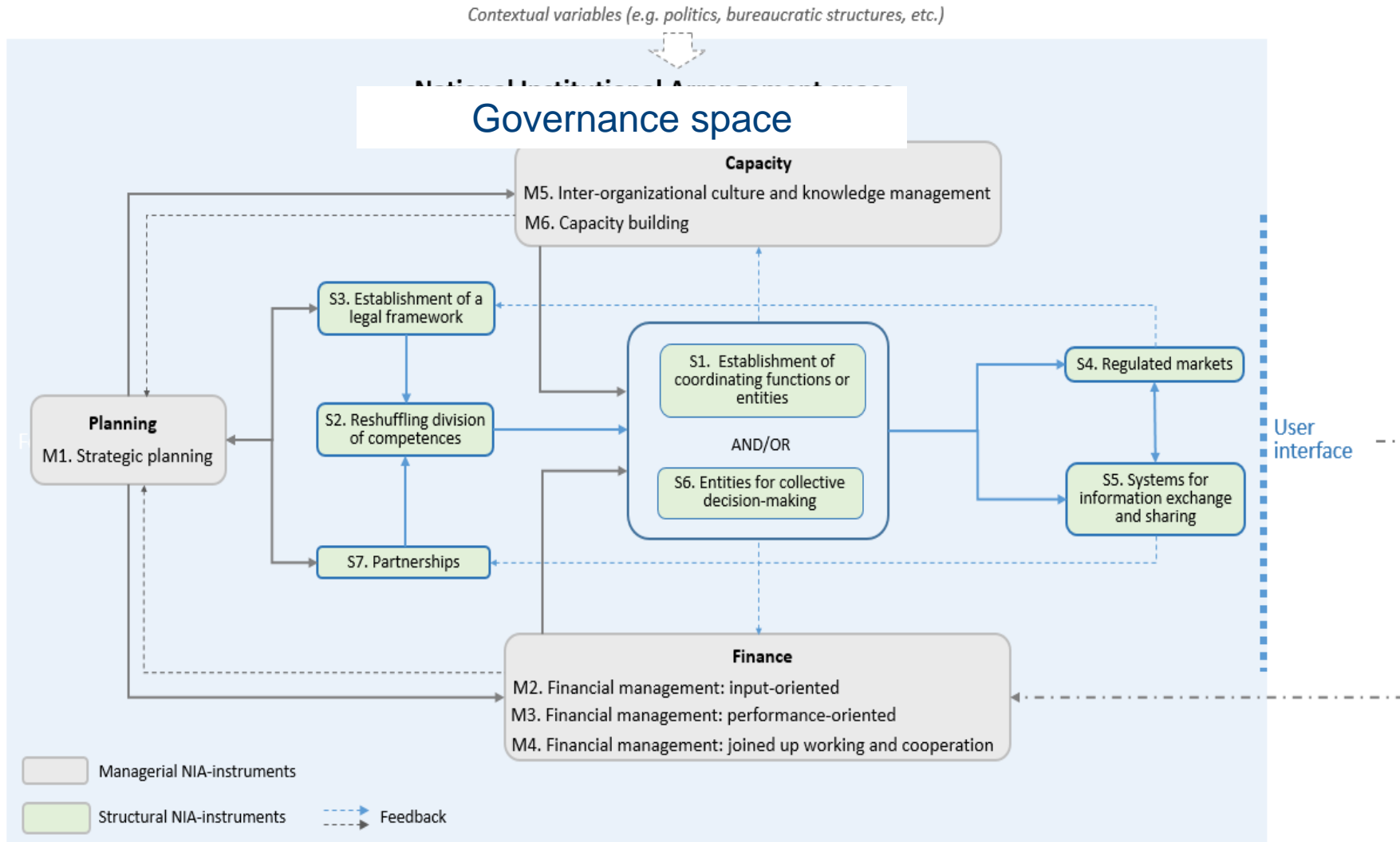
Need for governance clarity (tasks, roles, power)

Being open to 'open' data

Diverse business models

Challenging inter-organizational culture and capacity building

Roadmap using Governance Framework



Strategic ← Management instruments → Operational

Take away message(s)

Appropriate governance is **vital** for improving institutionally the resilience to natural disasters and to achieve sustainability

Proposed Governance Framework **facilitates** the implementation of key structures, policies, institutions and to involve the right actors in the context of Resilience and Sustainability