SLOVENIA
Green. Active. Healthy.
Digital.

I FEEL SLOVENIA

S4 Team
THANK YOU

REPUBLIC OF SLOVENIA
GOVERNMENT OFFICE FOR DEVELOPMENT AND EUROPEAN COHESION POLICY

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Growth

Slovenian Smart Specialisation Strategy

Vision S4 Energy

What are we targetting?

1. ***VA / Employee*** ➔ targets set for each priority area.
2. **Share of high-tech intensive products in total EXPORT:**
   from 22.3% to EU-15 average of 26.5%
3. **Share of knowledge-intensive services in total EXPORT:**
   from 21.4% to 33%
4. **Overall entrepreneurial activity**:
   from the current 11% to at least the EU average of 12.8%

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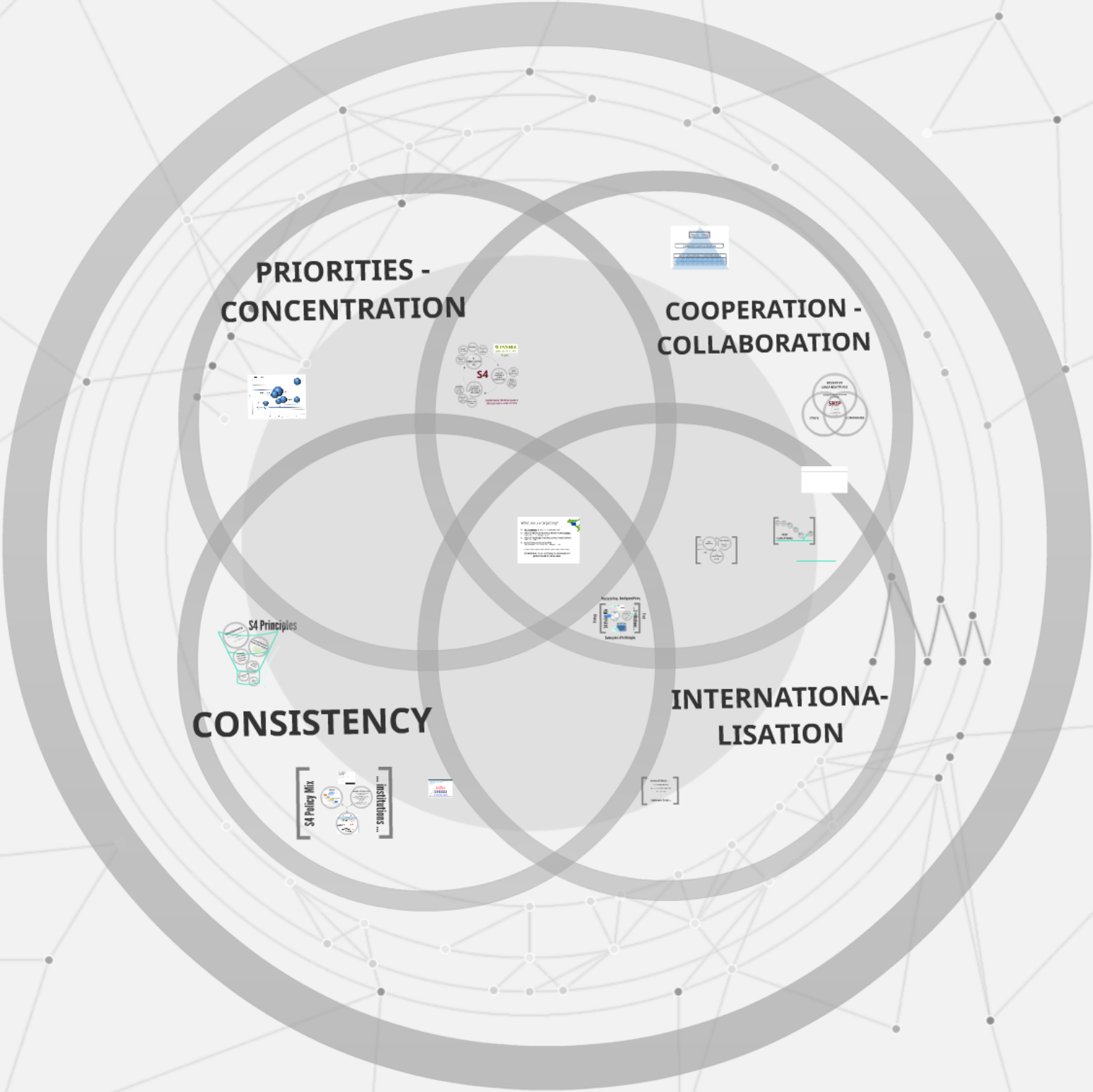
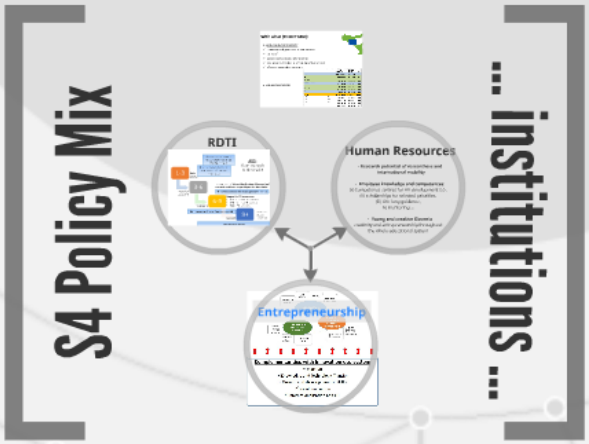
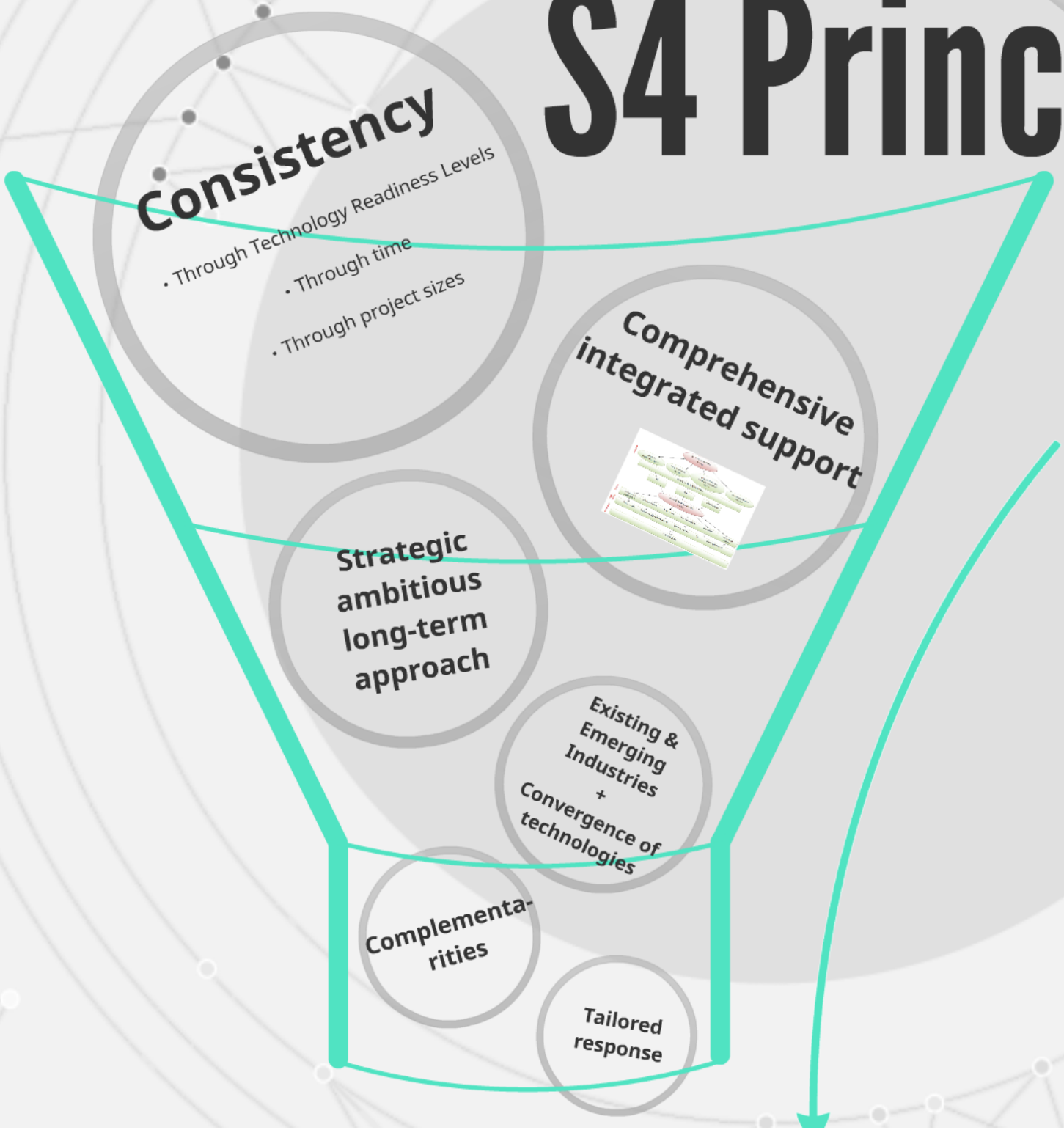
SI Ambition – from a follower to **co-creator of global trends in niche areas**


PRIORITIES - CONCENTRATION
COOPERATION - COLLABORATION
CONSISTENCY
INTERNATIONA-LISATION
S4 Principles
S4 Policy Mix
... institutions ...

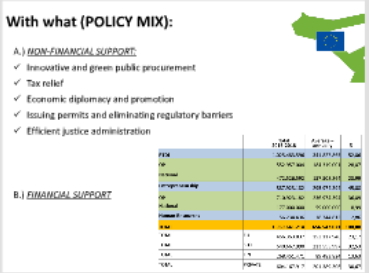
CONSISTENCY



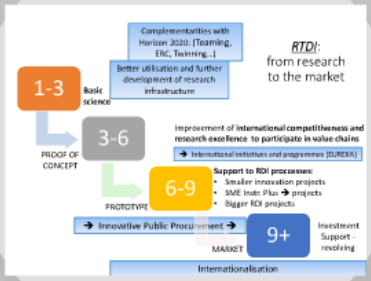
S4 Principles



S4 Policy Mix

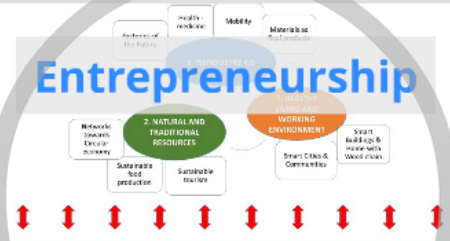


RDTI



Human Resources

- **Research potential of researchers and international mobility**
- **Employee knowledge and competences:**
  (i) Competence centres for HR development 2.0 ,
  (ii) scholarships for selected priorities,
  (iii) Life long guidance,
  iv) mentoring....
- **Young and creative Slovenia**
  creativity and entrepreneurship throughout the whole educational system

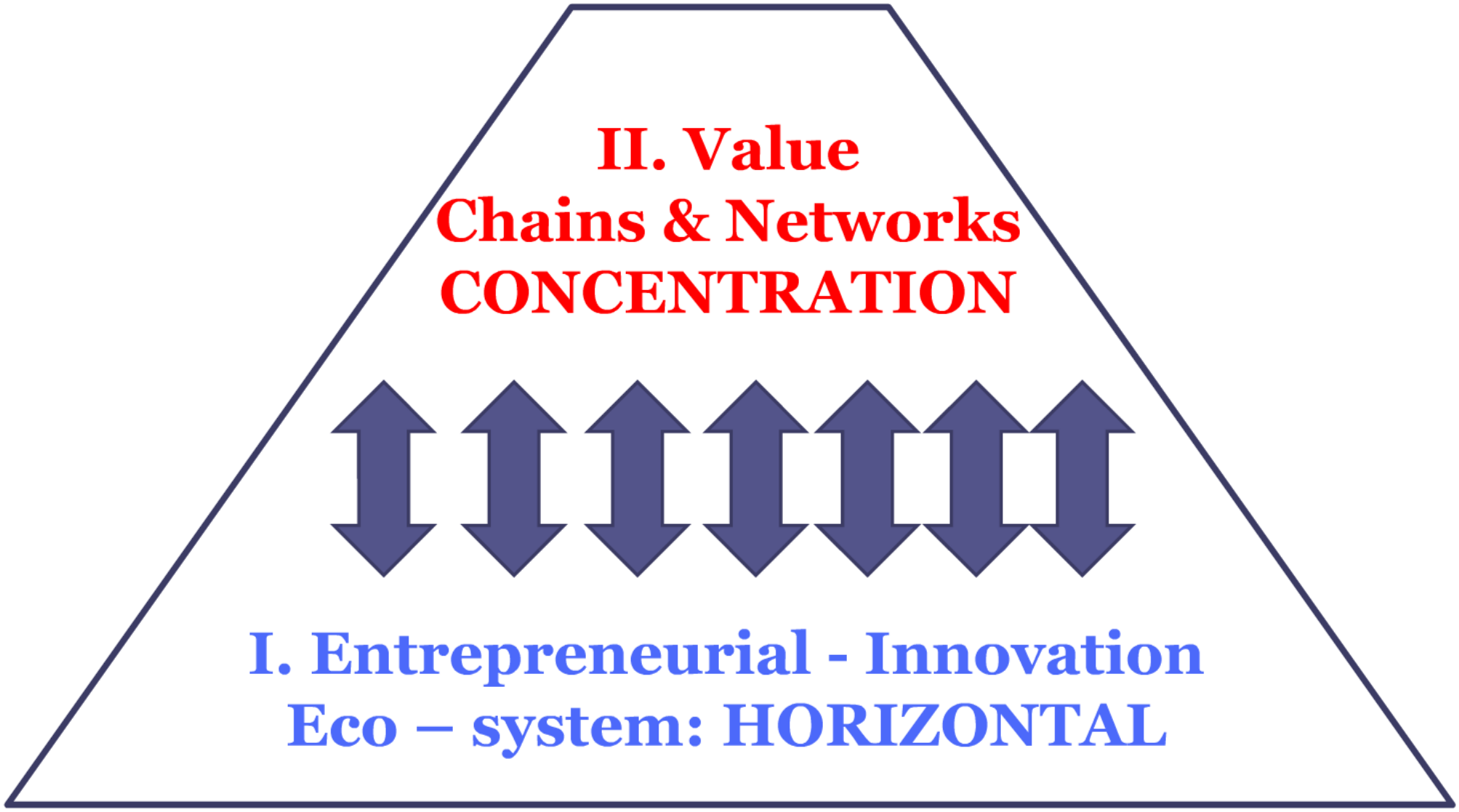


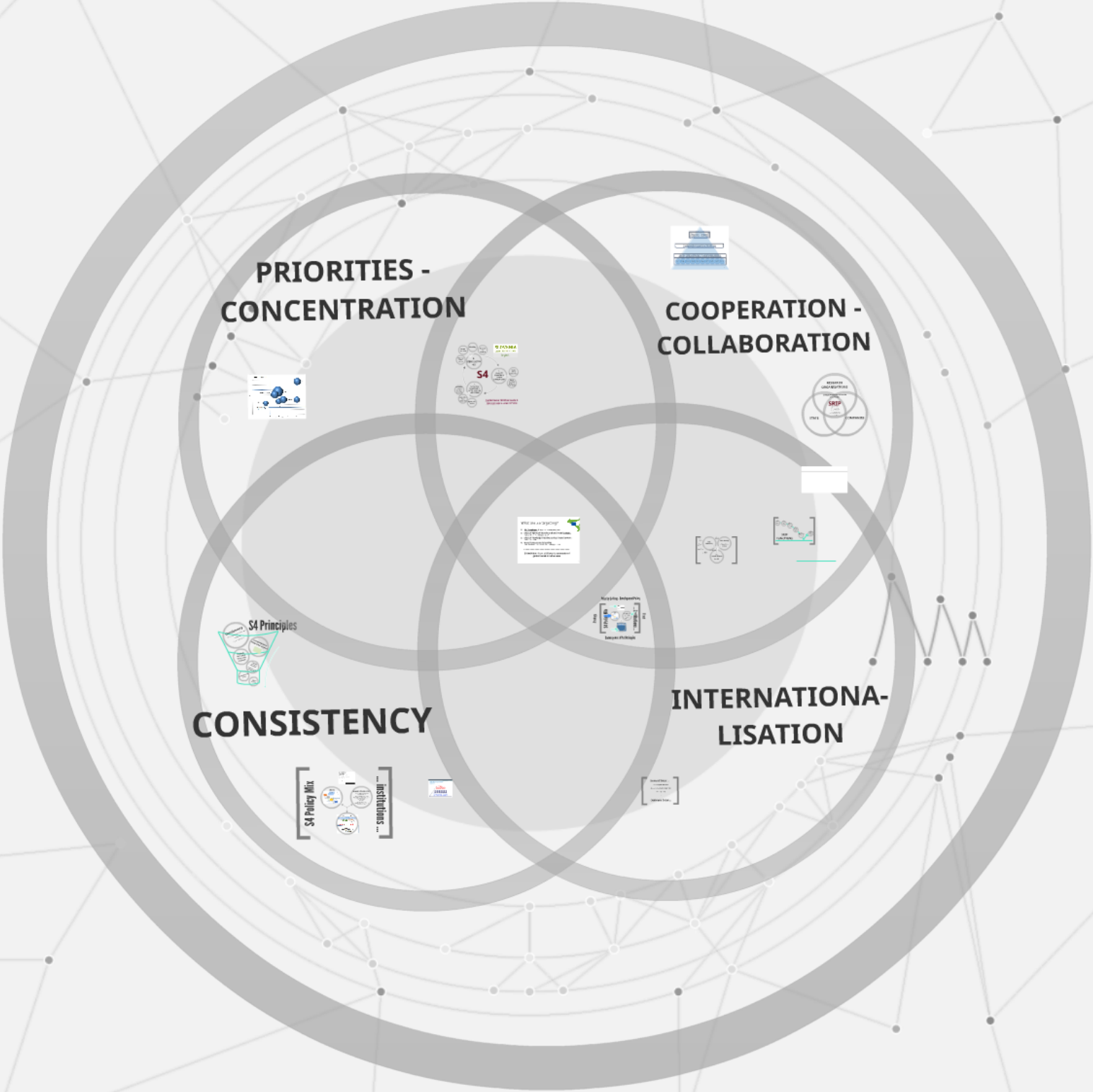
Complementarities with Innovation eco-system

- ✓Start-up
- ✓Knowledge and Technology Transfer
- ✓Growth and development of SMEs
- ✓Social Innovation
- ✓Internationalisation and FDI

... institutions ...

2 PILLARS: comprehensive approach

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State level

National Innovation Platform

SDIP-STRATEGIC PARTNERSHIPS

SP1 SP2 SP3 SP4 SP5 SP6 SP7 SP8 SP9 SP10

RESEARCH ORGANISATIONS
Strategic Research & Innovation Partnership
SRIP
long-term partnerships
to strengthen SI position
in international value chains
(access to global markets)
through provision of
comprehensive support environment
for research and innovation
for each of priority areas.
STATE
COMPANIES

SRIP

long-term partnerships

to strengthen SI position
in international **value chains**
(access to global markets)

through provision of
comprehensive support environment
for research and innovation

for each of **priority areas**.

	S4 - SLOVENIAN SMART SPECIALISATION STRATEGY								
	1. HEALTHY WORKING AND LIVING ENVIRONMENT		2. NATURAL AND TRADITIONAL RESOURCES FOR THE FUTURE			3. (S)INDUSTRY 4.0			
	1.1.	1.2.	2.1.	2.2.	2.3.	3.1.	3.2.	3.3.	3.4.
STRATEGIC RESEARCH AND INNOVATION PARTNERSHIPS:	Smart Cities & Communities	Smart Buildings and Home with Wood Chain	Networks towards Circular Economy	Sustainable Food	Sustainable Tourism	Factories of the Future	Health - Medicine	Mobility	Materials as Products
Vertical Value Chains	1. Mobility & Energy	1. Advanced Housing Units	1. Cellulosis & Paper	1. Meat: a.) Red b.) White		1. Smart Industrial Mechatronic Systems	1. Biofarmacy	...	Metallurgy
	2. E&M Health	2. Smart & Energy-efficient Appliences	2. Polimers & Bio-plastics	2. Milk		2. Smart Machines and Appliances	2. Natural Farmacy and Cometics	...	2. Smart multicomponent materials: textiles
	3. Security	3. Advanced Construction Materials & Products	3. Production, Conversion, Distribution and Storage of Energy	3. Grains			3. Translational Medicine: diagnostics & terapeutics	...	3. Coatings
			4. Construction materials	4. Fruit				...	
			5. Biomass	5. Vegetables					
				6. Wine					
				7. Api					
Horizontal Networks	Digital Slovenia	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓
	✓	✓	✓✓	✓		Robotics	✓✓	✓✓	✓✓
	✓	✓✓	✓✓	✓		Nanotechnologies	✓✓	✓	✓✓
	✓	✓✓	✓✓	✓		Modern production technologies for materials, plasma	✓✓	✓✓	✓✓
	✓✓	✓✓	✓	✓		Photonics with micro- and nanoelectronics	✓✓	✓✓	✓
	✓	✓✓	✓✓	✓	✓	Advanced Control Technologies	✓	✓	✓

TEGIC RESEARCH AND TION PARTNERSHIPS:	1.1. Smart Cities & Communities	1.2. Smart Buildings and Home with Wood Chain	2.1. Networks towards Circular Economy	2.2. Sustainable Food
Vertical Value Chains	1. Mobility & Energy	1. Advanced Housing Units	1. Cellulosis & Paper	1. Meat: a.) Red b.) White
	2. E&M Health	2. Smart & Energy-efficient Appliences	2. Polimers & Bio-plastics	2. Milk
	3. Security	3. Advanced Construction Materials & Products	3. Production, Conversion, Distribution and Storage of Energy	3. Grains
			4. Construction materials	4. Fruit
			5. Biomass	5. Vegetables
				6. Wine
				7. Api

SRIP FUNCTIONS

A. Strategy Development

- What is going on in the world?
- What are our market opportunities and competitive advantages?
- Further focusing of priority areas
- Partnering with the state in formulating its development policy design

B. Promotion of joint RTDI

- Knowledge transfer
- Development of new RTDI initiatives
- Focusing of research, public and private, capabilities

C. International isation

- Strengthening of international cooperation, joint investment and attraction of FDIs
- Development of international consortia, partnerships and business models
- Cross-border and trans-national cooperation

D. Provision of joint services

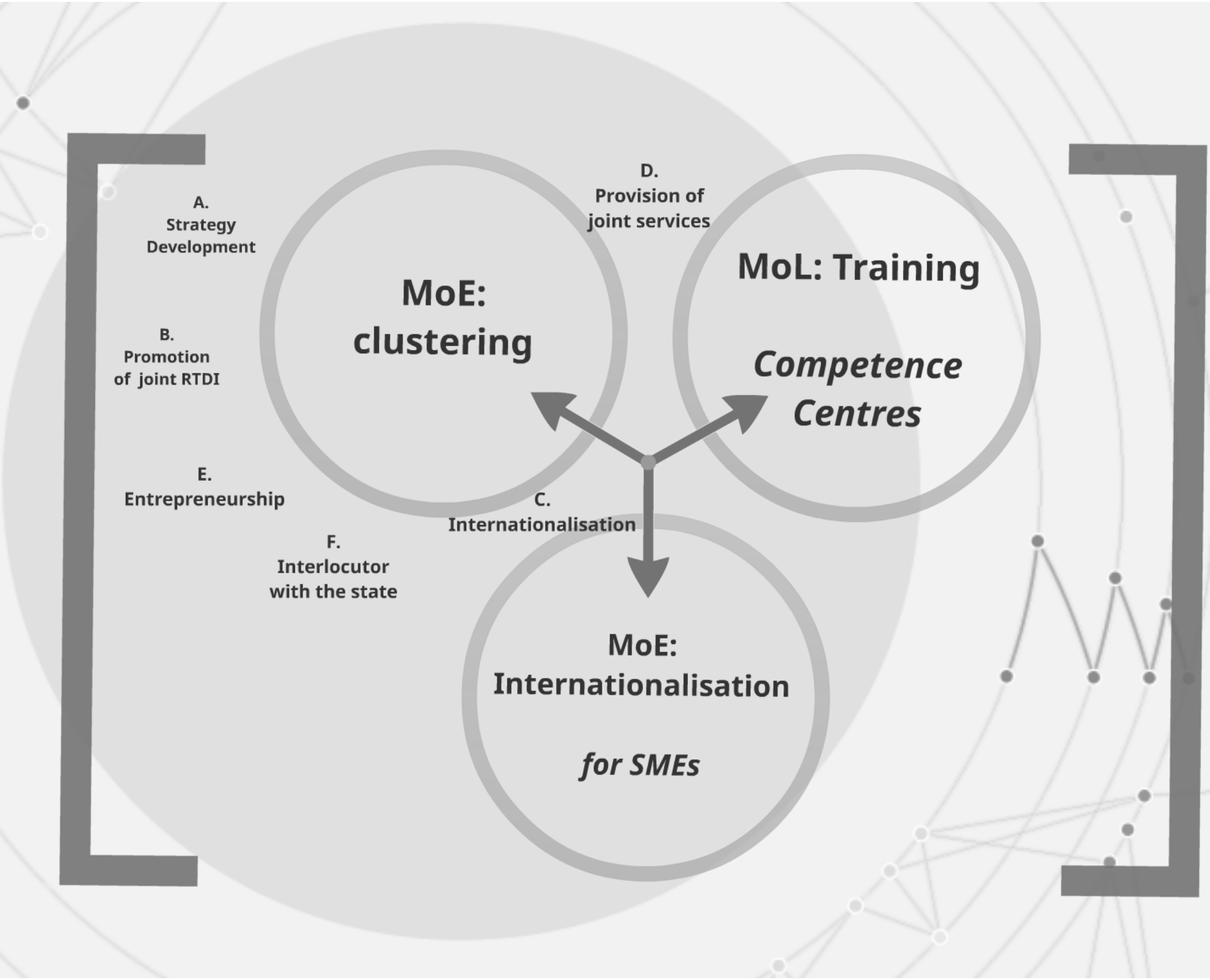
- Human Resources Development:
  - *HR competence centres 2.0*
  - *Educational system, scholarship schemes,...*
- Promotion of advanced design thinking
- Intellectual property

E. Entrepreneurship

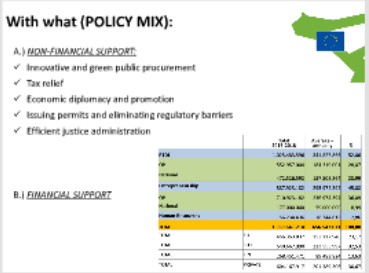
- Interlocutor with the horizontal business support environment - promotion of new firm creation
- Development of new business models

F. Interlocutor with the state

- Innovative and green public procurement
- Economic diplomacy and promotion
- Priority treatment in provision of permits, especially for investments
- Elimination of regulatory barriers and necessary modifications of sectoral regulations


A.
Strategy
Development
B.
Promotion
of joint RTDI
E.
Entrepreneurship
F.
Interlocutor
with the state
MoE:
clustering
D.
Provision of
joint services
MoL: Training
Competence
Centres
C.
Internationalisation
MoE:
Internationalisation
for SMEs

S4 Policy Mix



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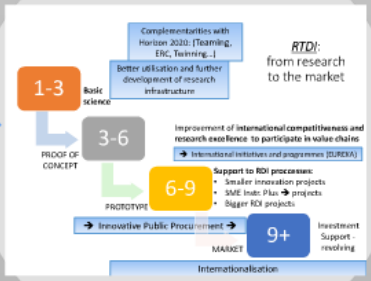

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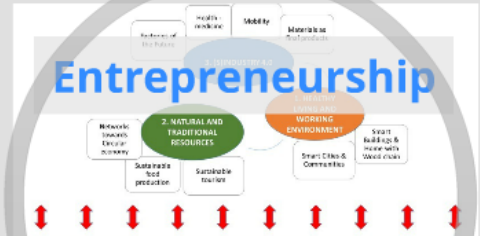

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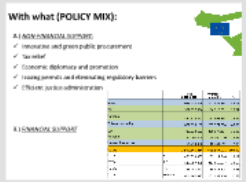
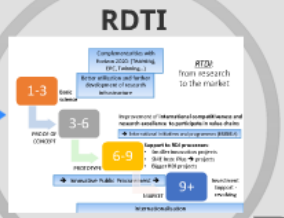
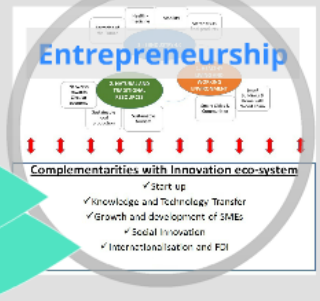
Priority Setting - Development Policy

Strategy

S4 Policy Mix





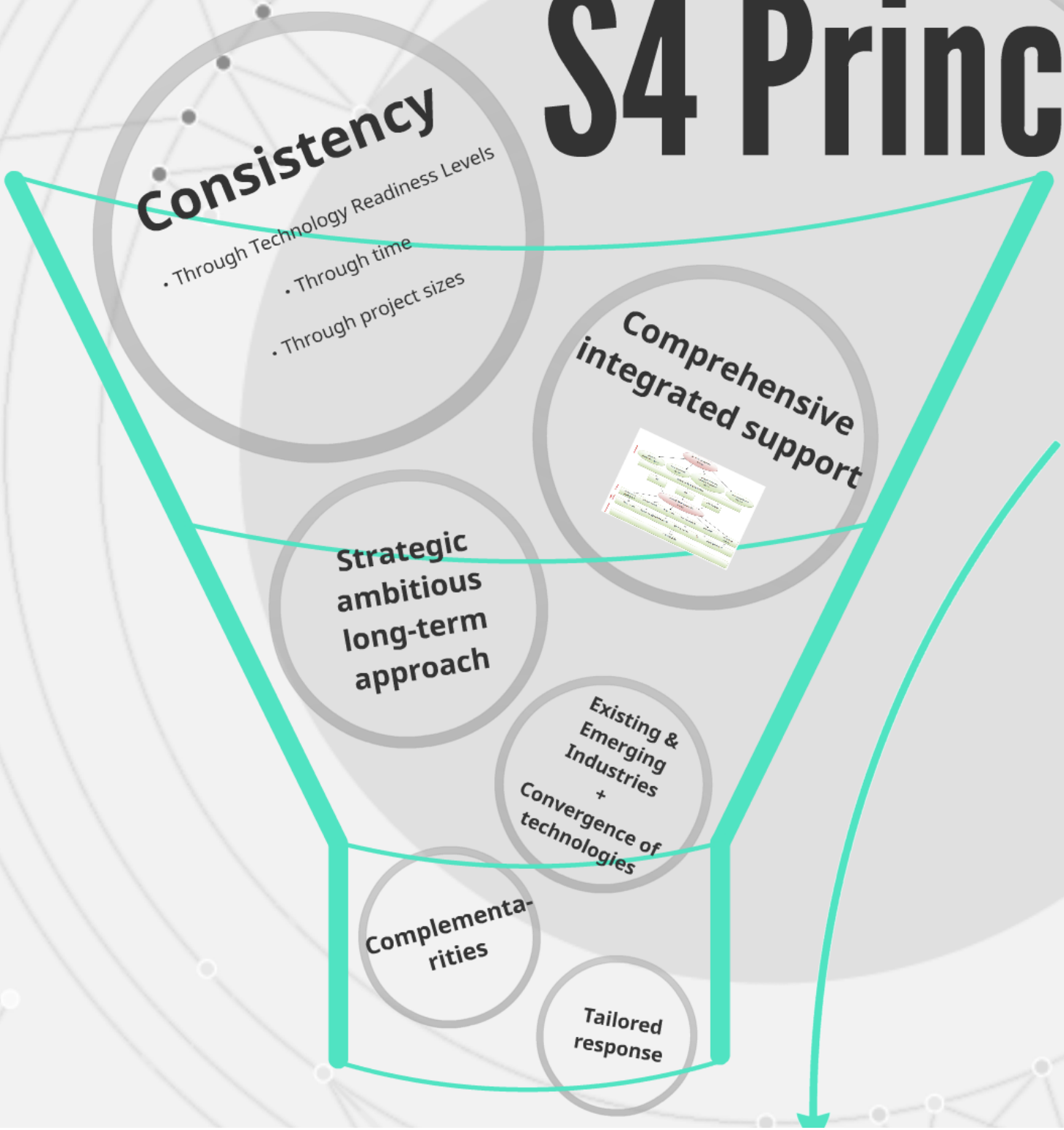


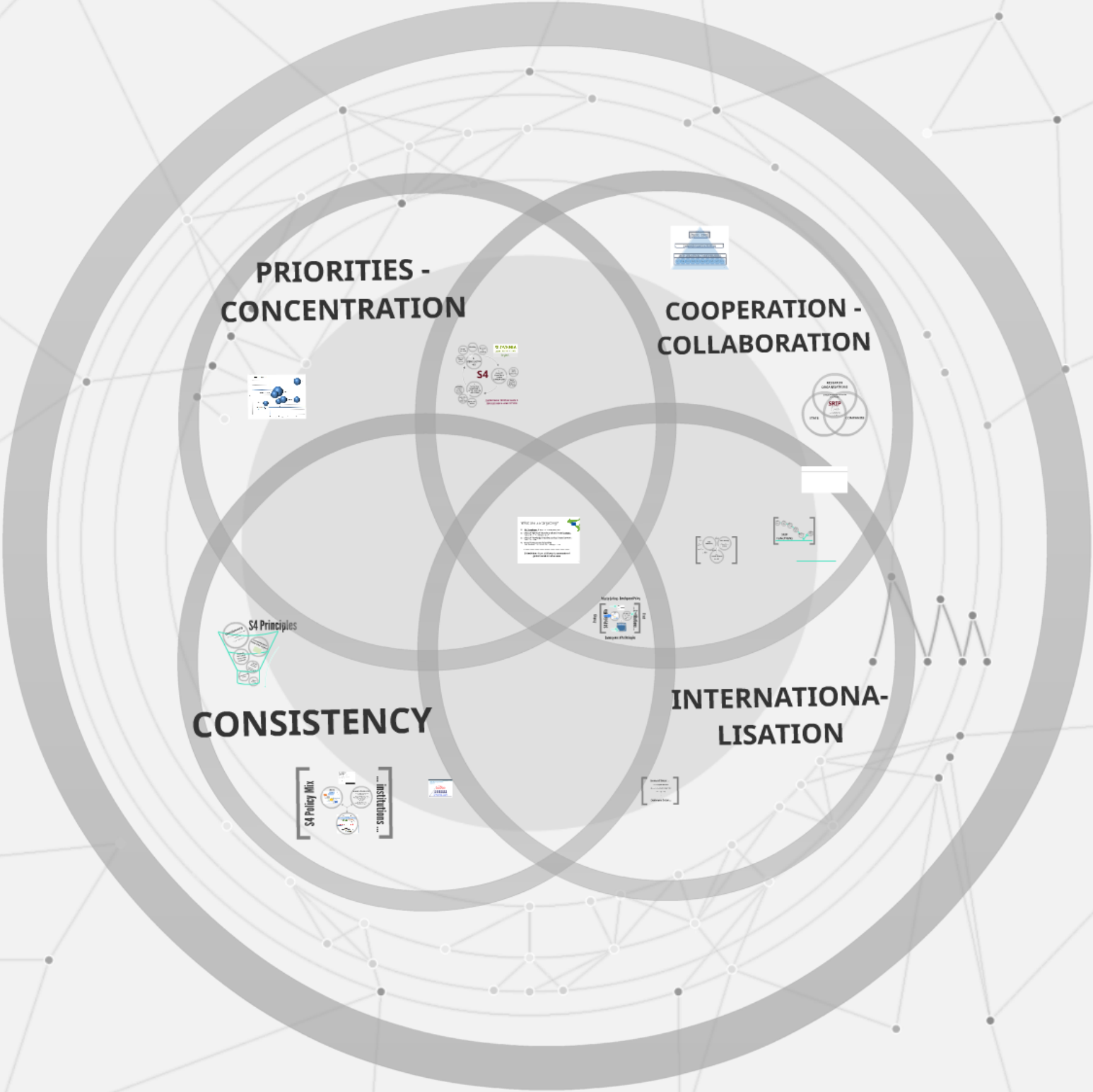
... institutions ...

Trust

Convergence of technologies

S4 Principles

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