SLMTJ and K-Link
a *decentralized* and *open-source* approach to knowledge management

Gianluca Colombo| OneOffTech | 14.05.2018
gianluca.colombo@oneofftech.xyz
+49 15141379076
https://oneofftech.xyz

K-Link: the vision

- Increase cooperation between and within institutions
- Enhancing data security & persistency
- Co-design the technology together with users
- Open Source: anyone can use and adapt the technology
- Anchor the technology in partner regions (users, service providers…)
- Reducing costs of data systems for end-users
- Promoting ownership

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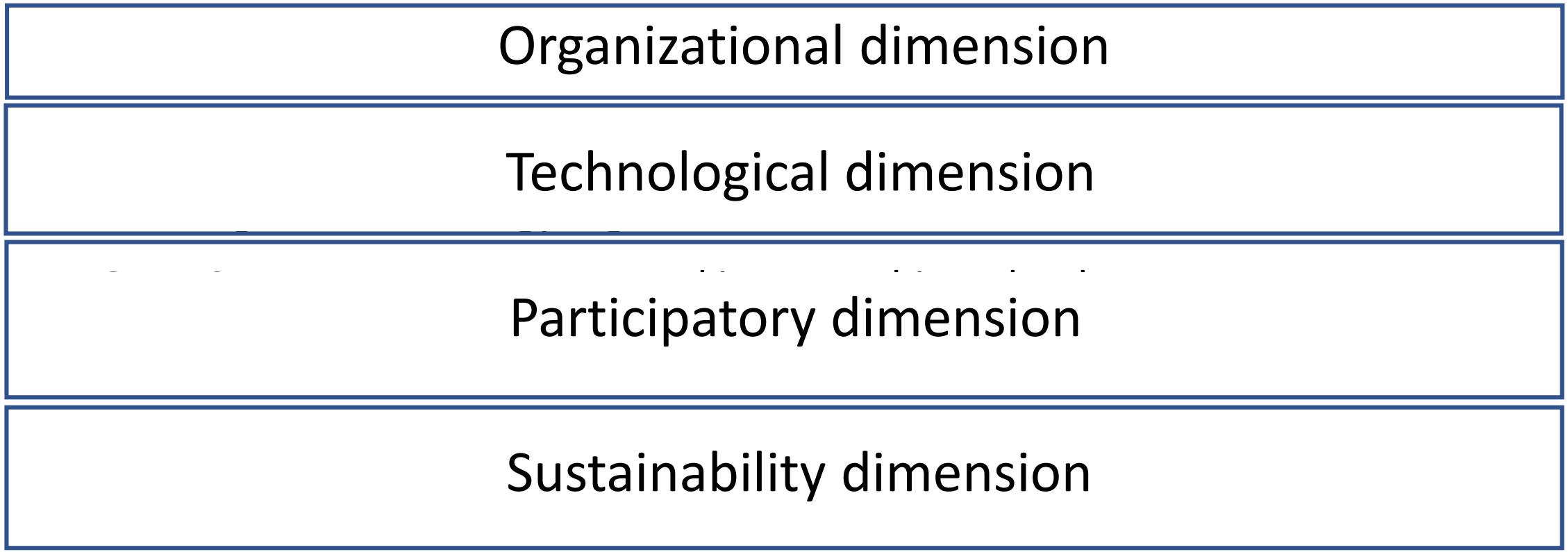

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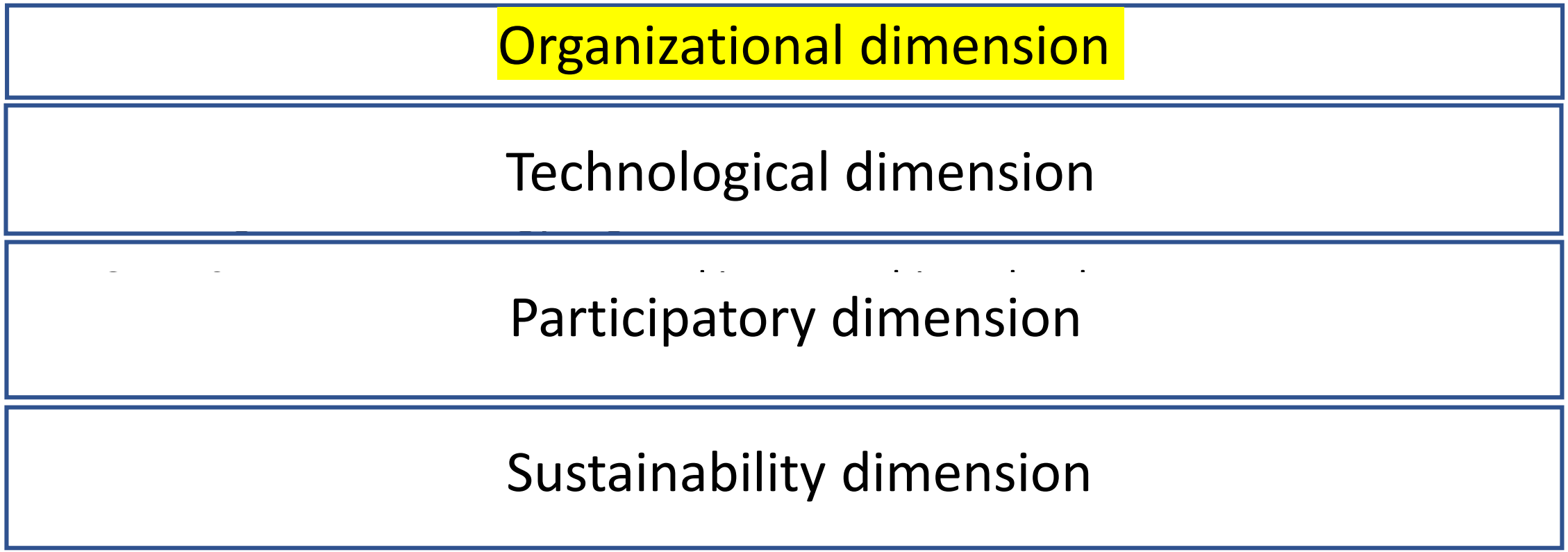
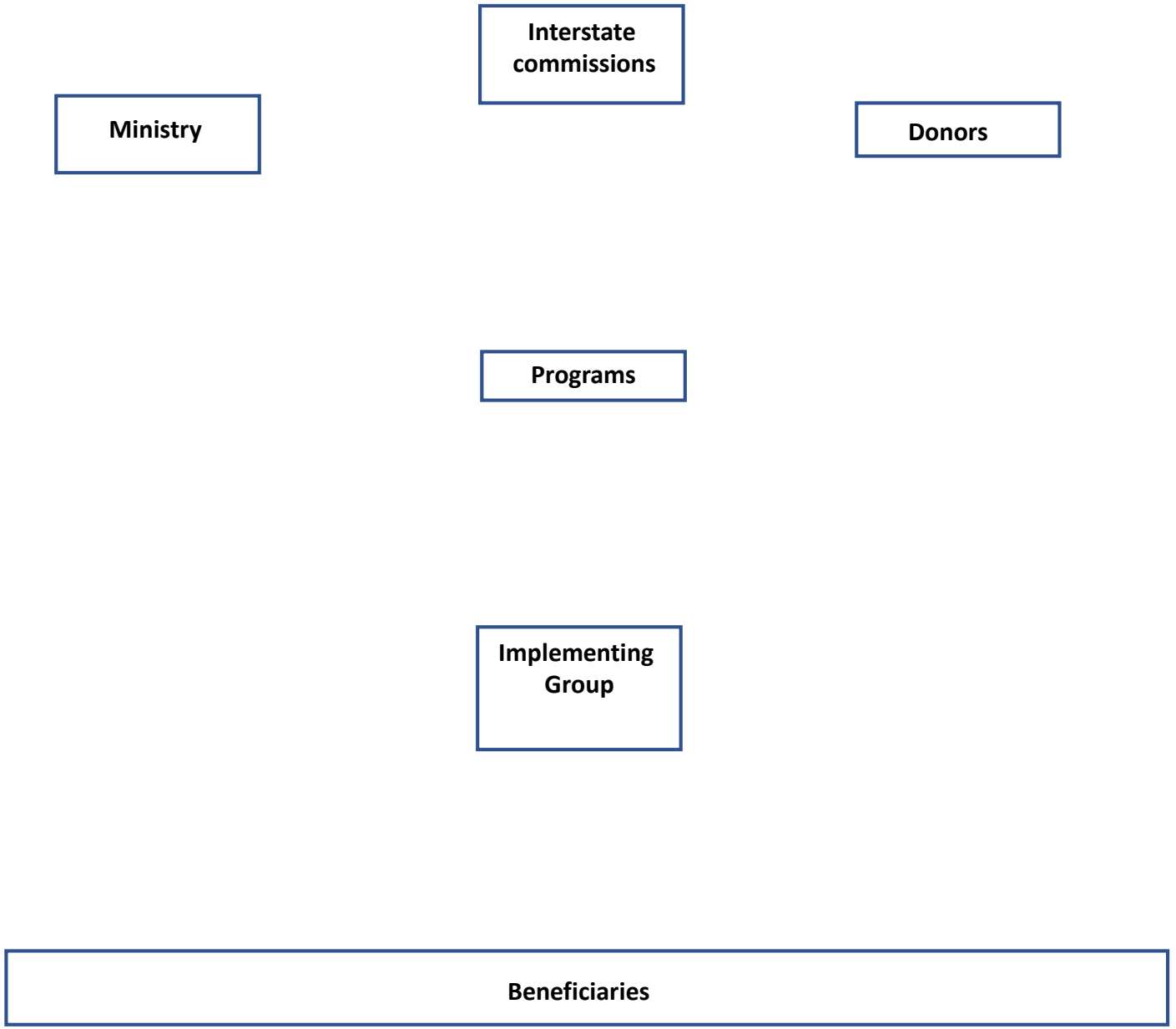
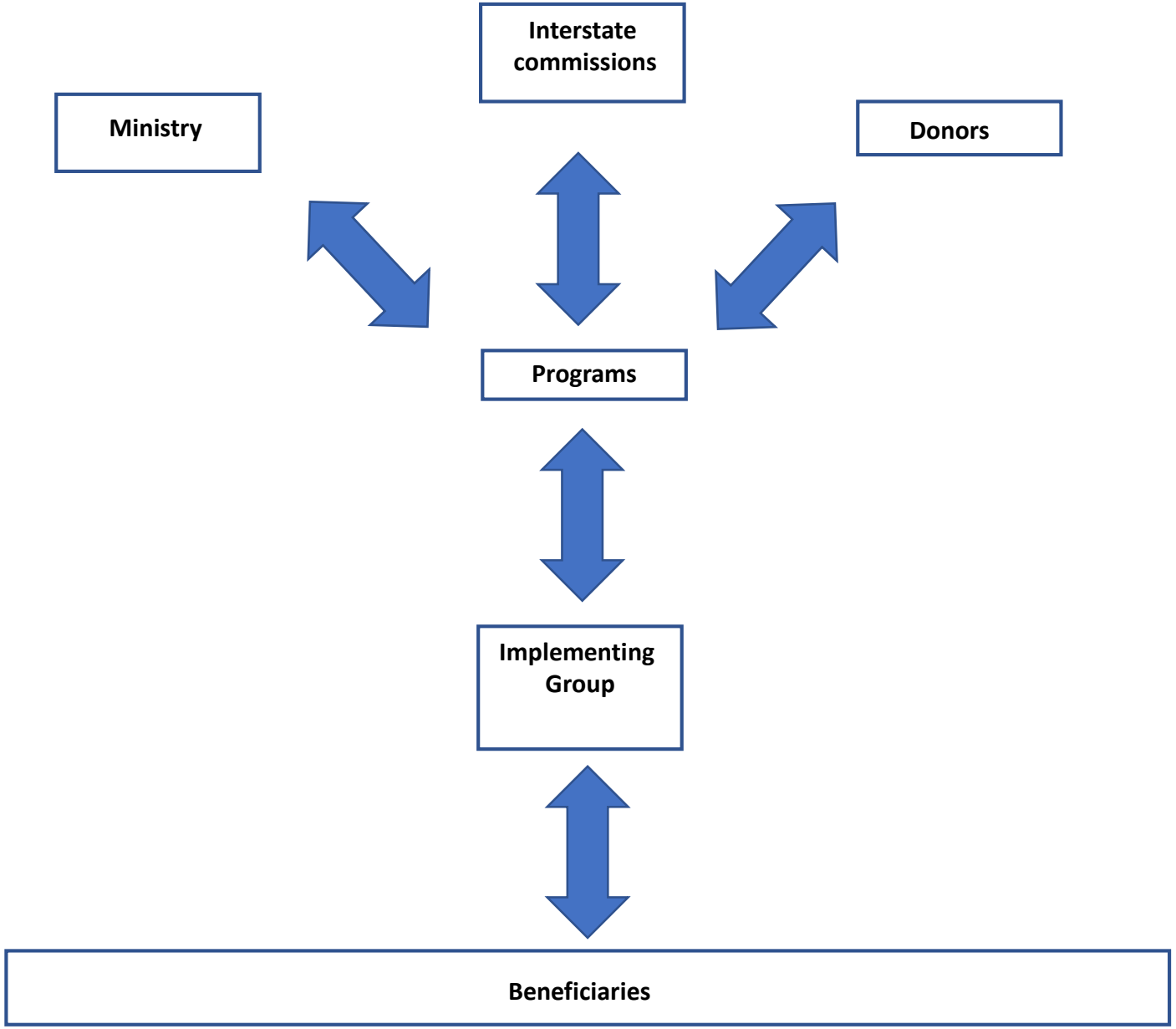
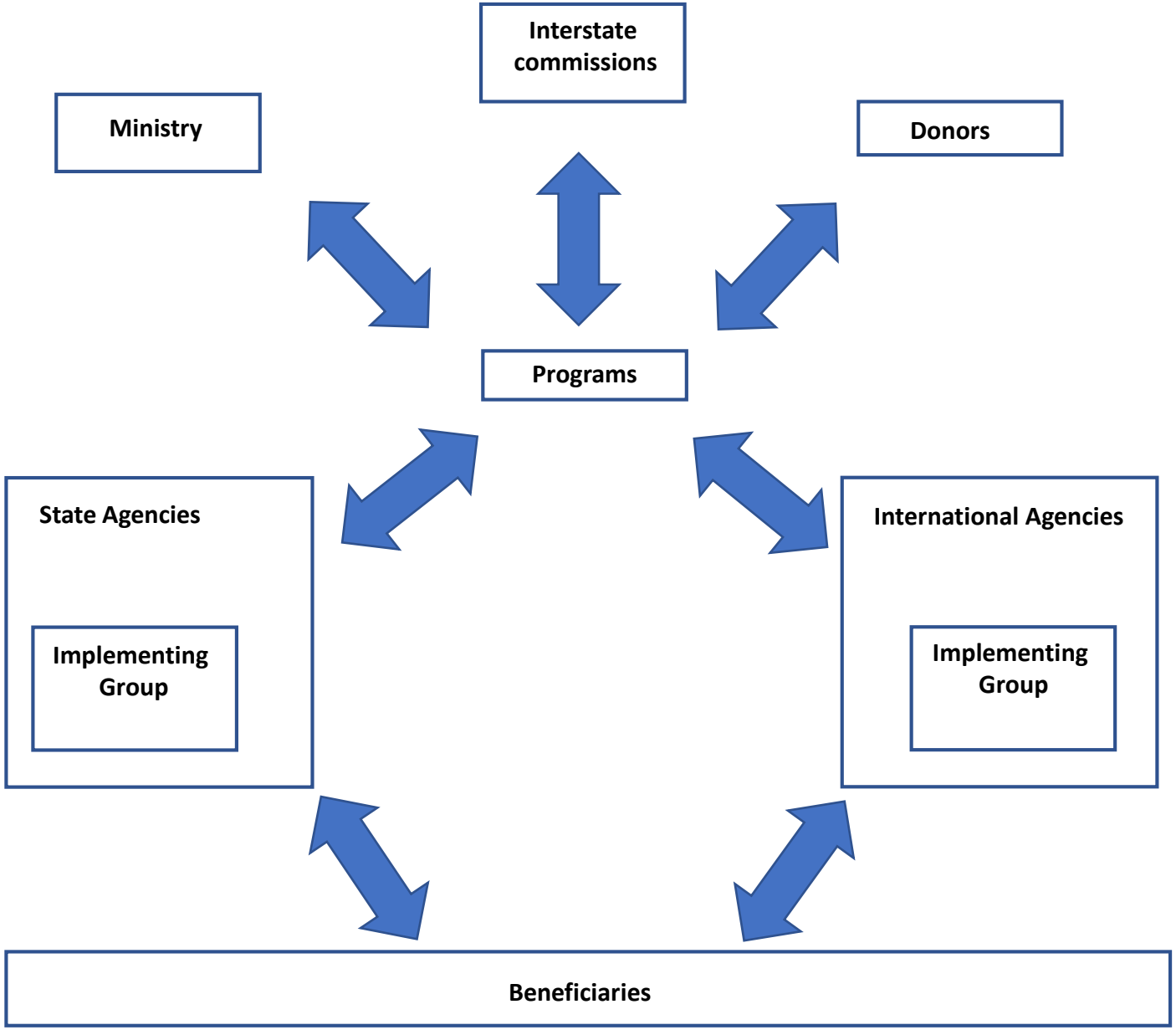




A simplified schema of stakehodlers involved into projects implementation



A semplified schema of stakehodlers involved into projects implementation



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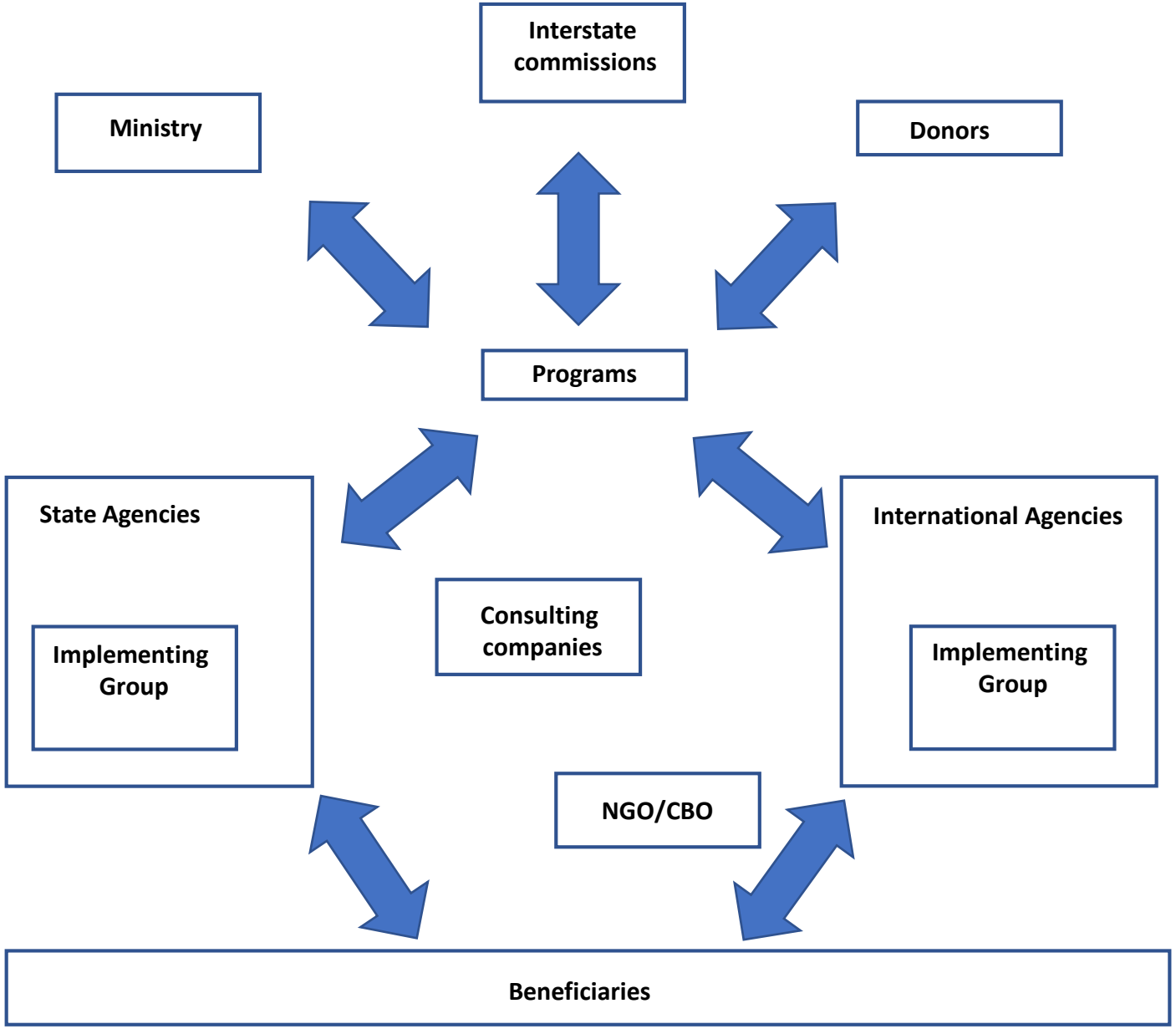

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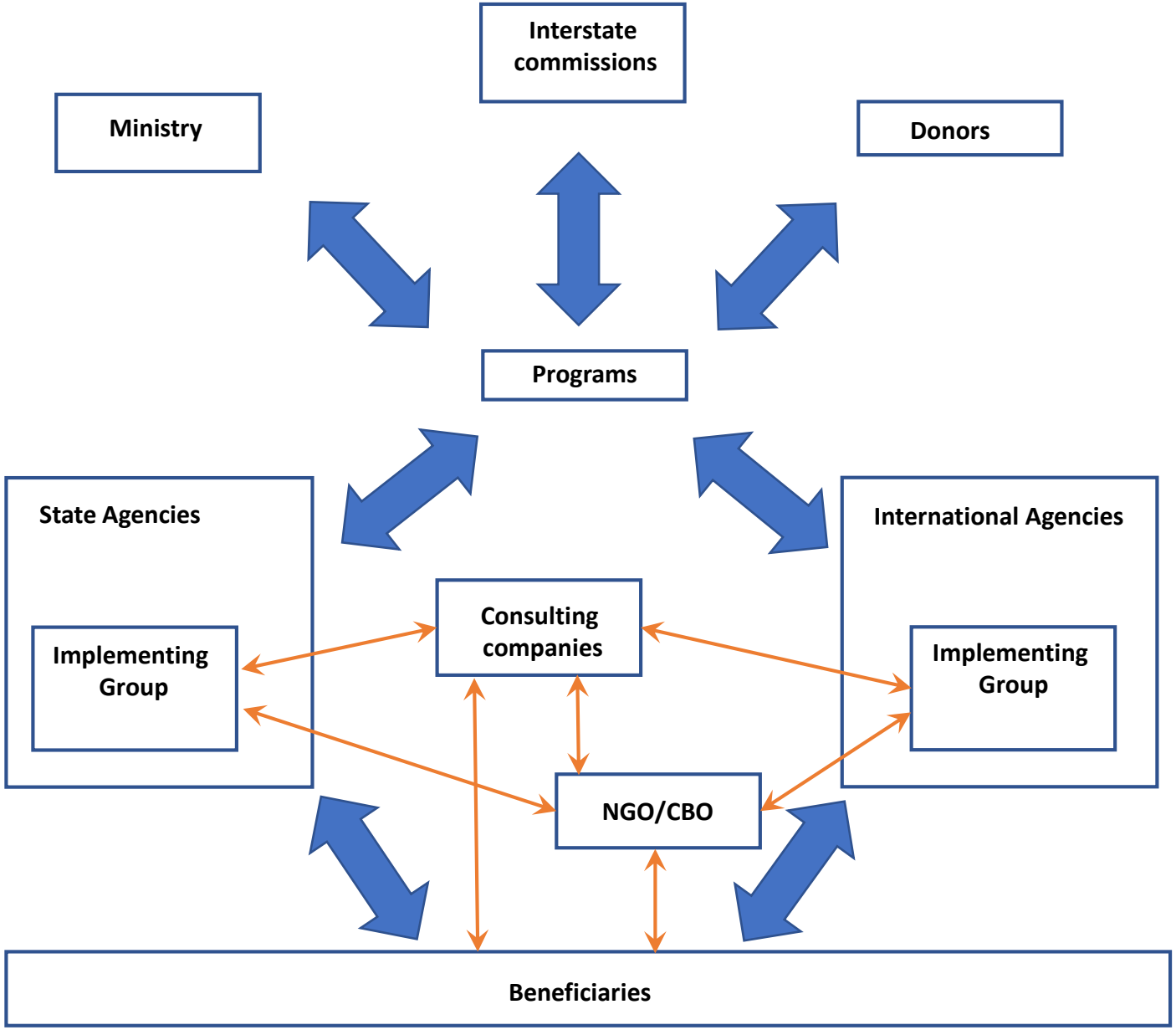
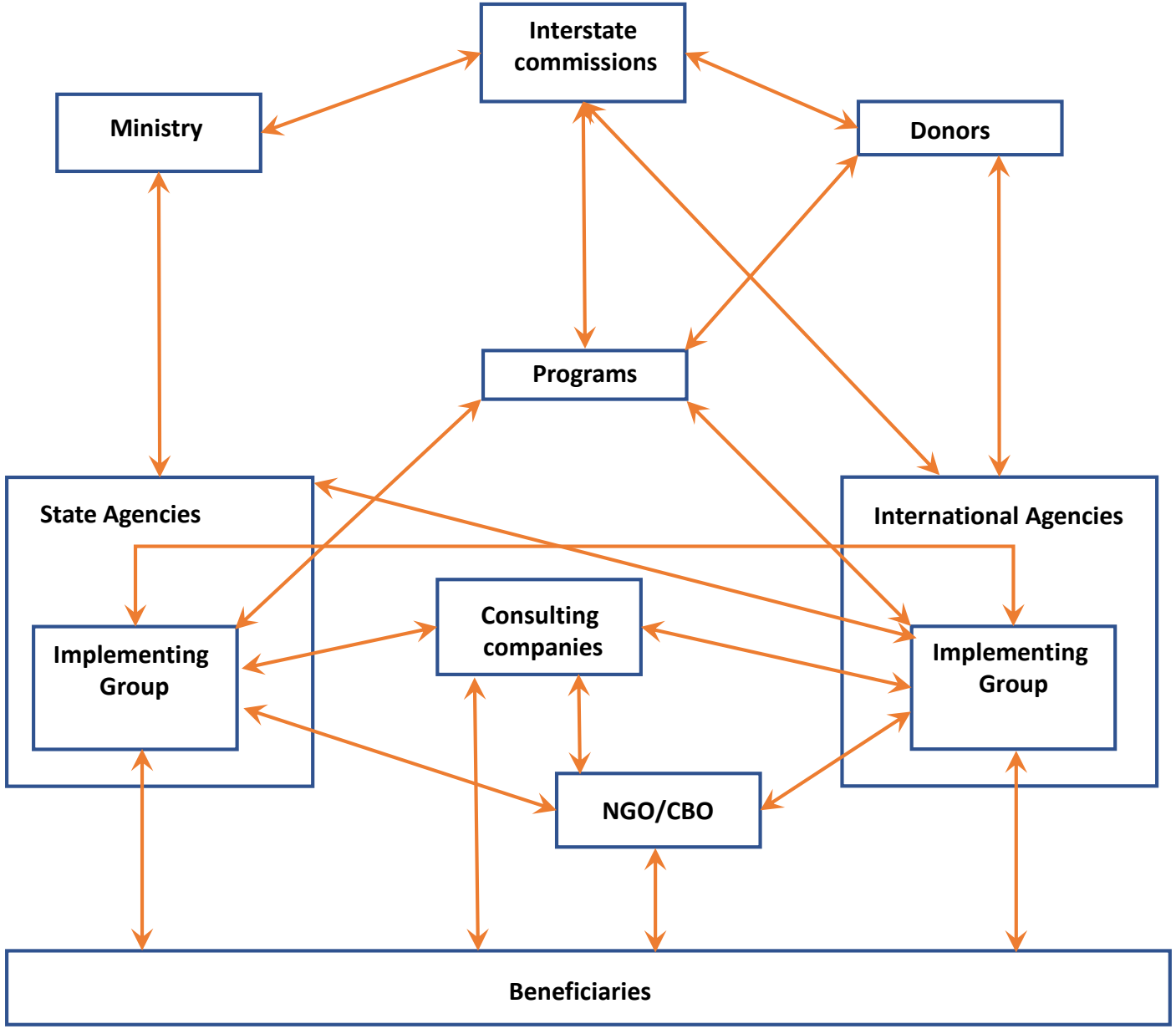


….Processes get complicated



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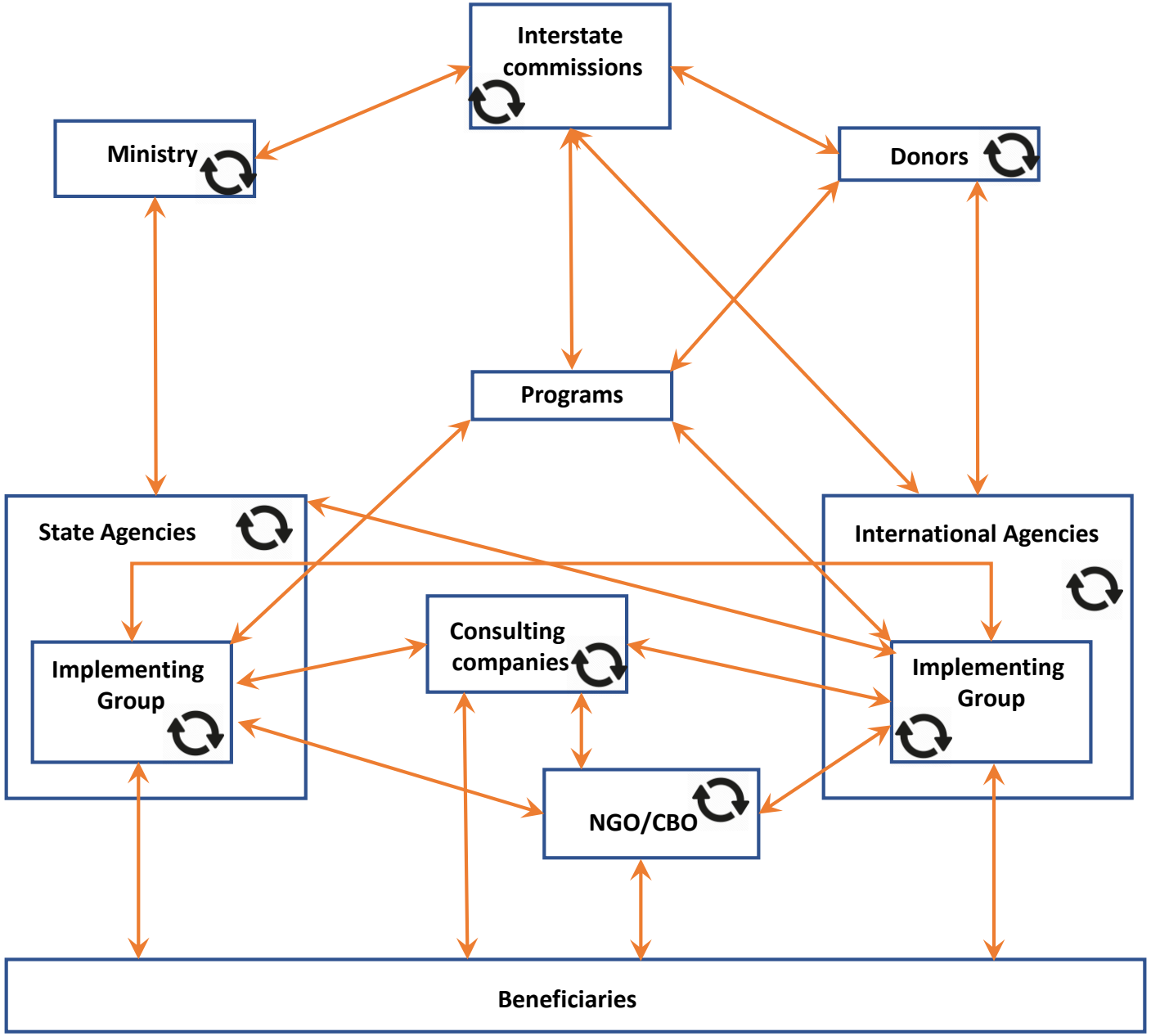
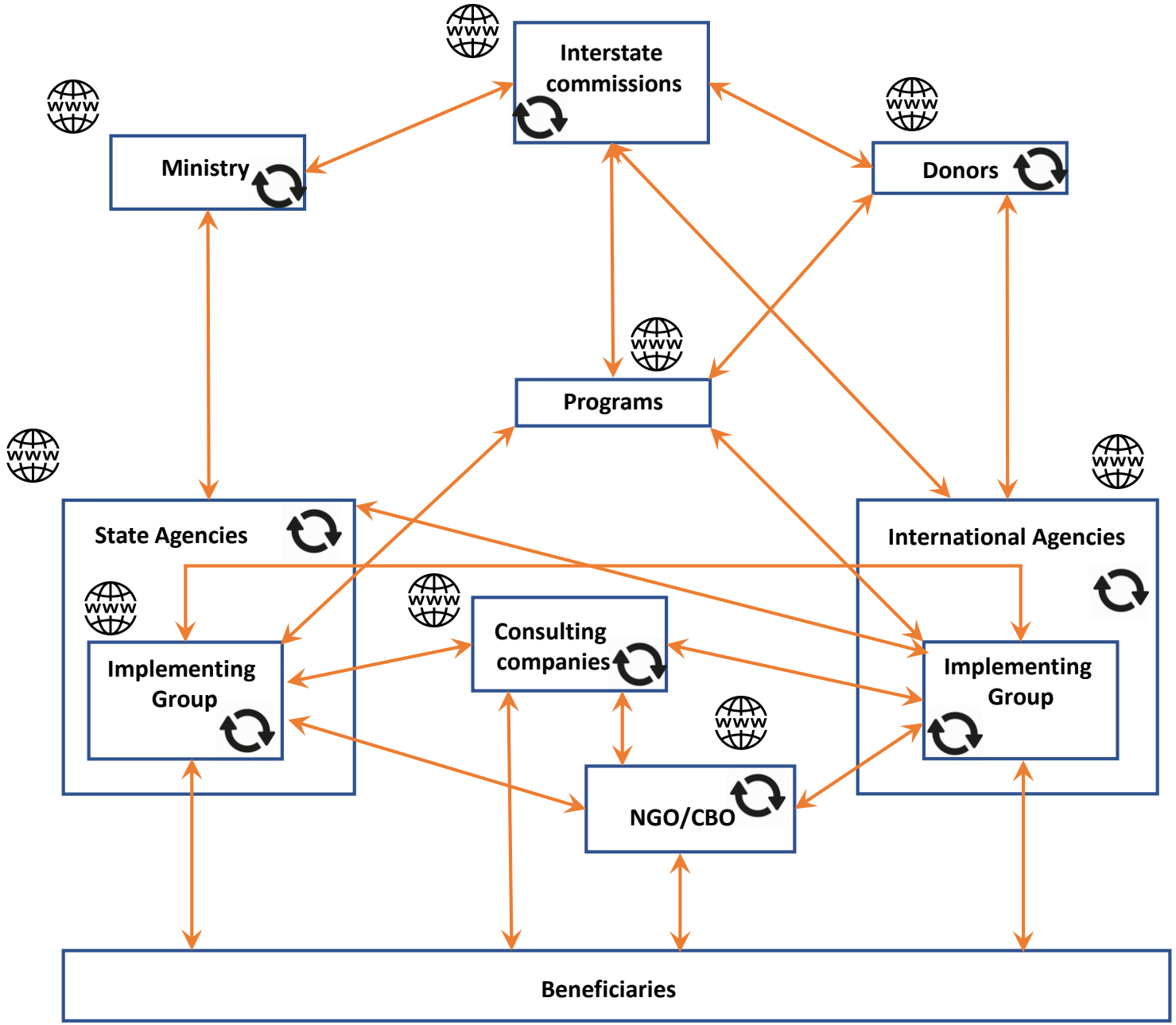


..and each organization has its own internal communication process

….Processes get kind of difficult



..and each organization and program have their own website for publishing data

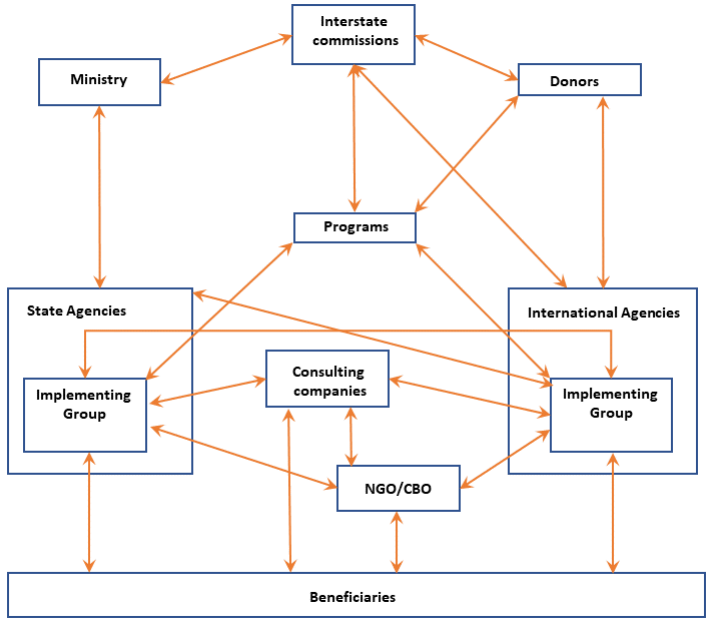
….Processes get kind of complex

Institution

team

Institutional Processes

(e.g., how does it work the financial reporting within a specific NGOs) - team



community

Sharing Processes

(e.g., how does it work the production of data within a specific project implementation) - network

WWW

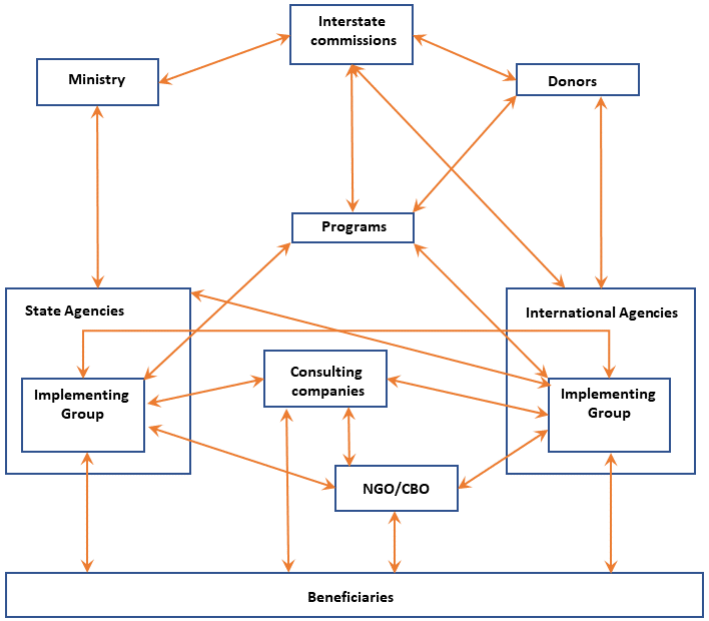
network

Publishing Processes

(i.g., what rules applies to published data)

Institution

team



community

network

Institutional Processes

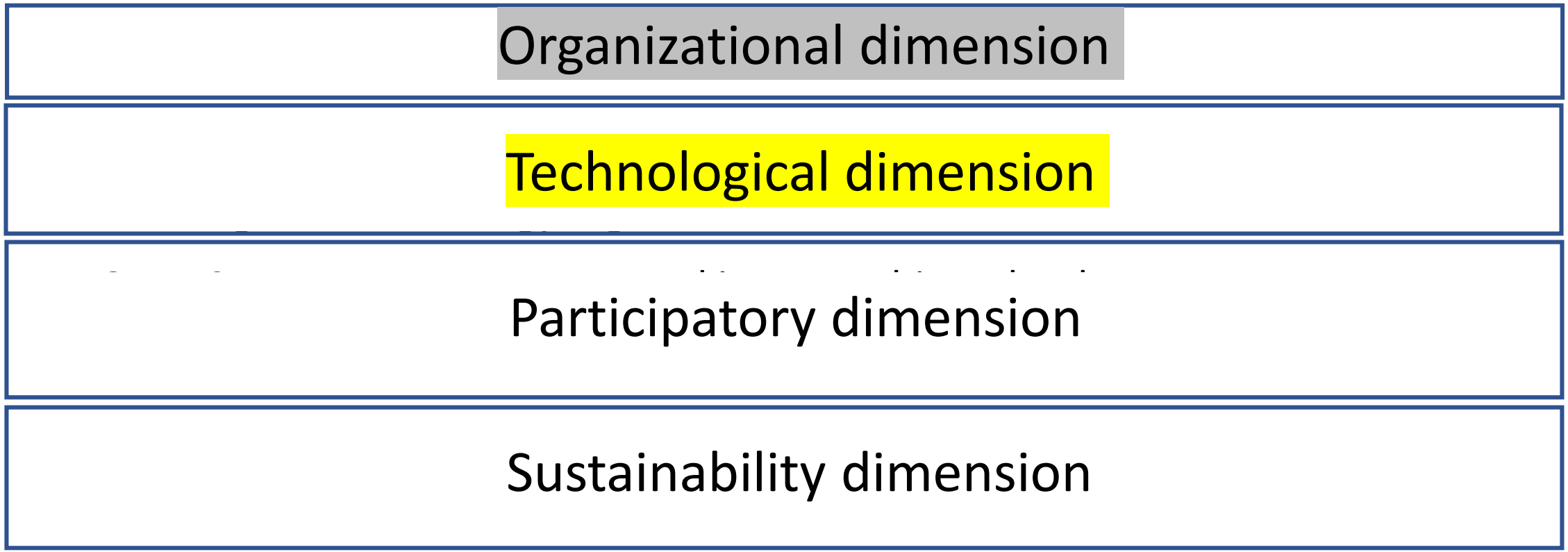
Sharing Processes

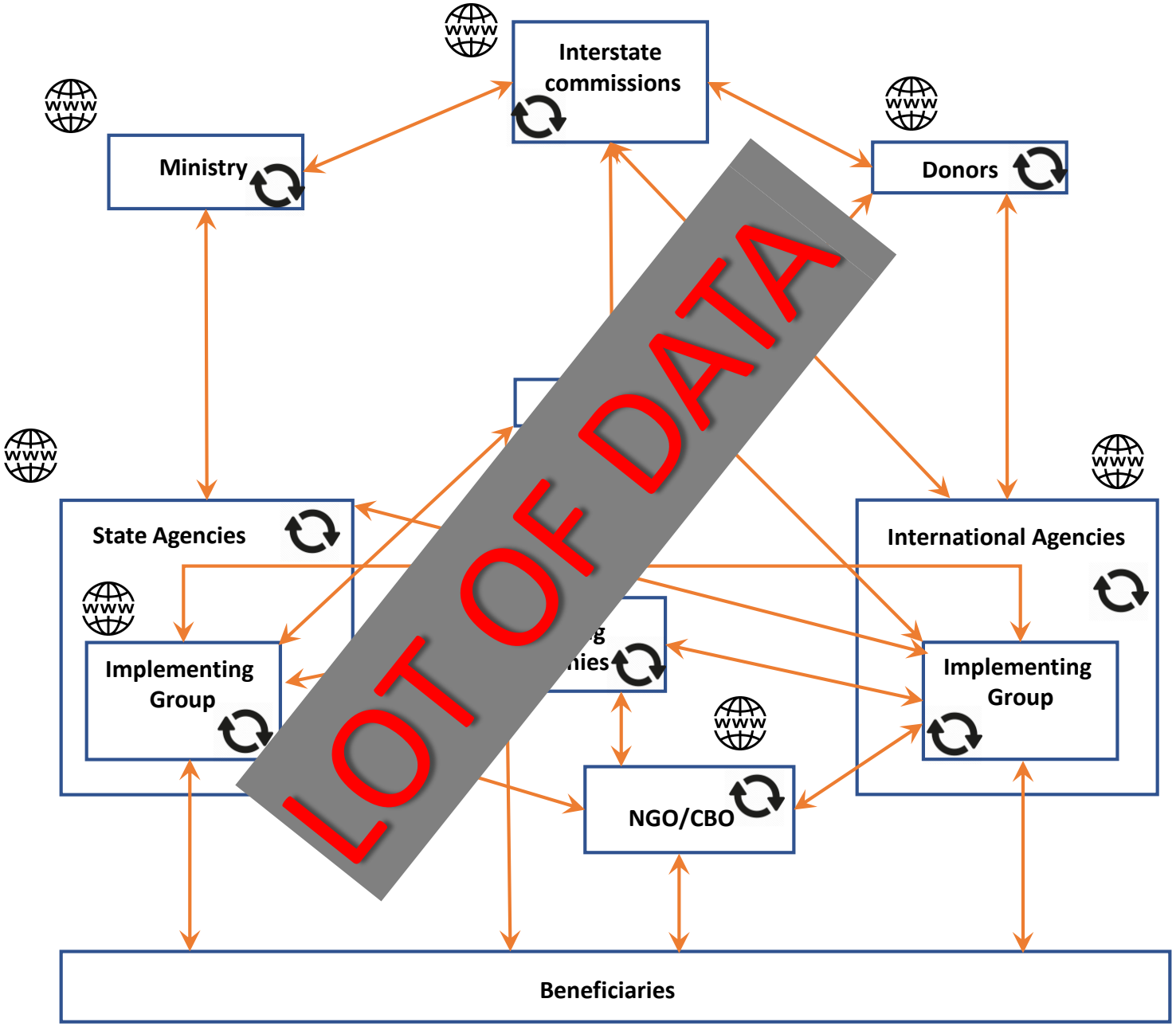
Publishing Processes

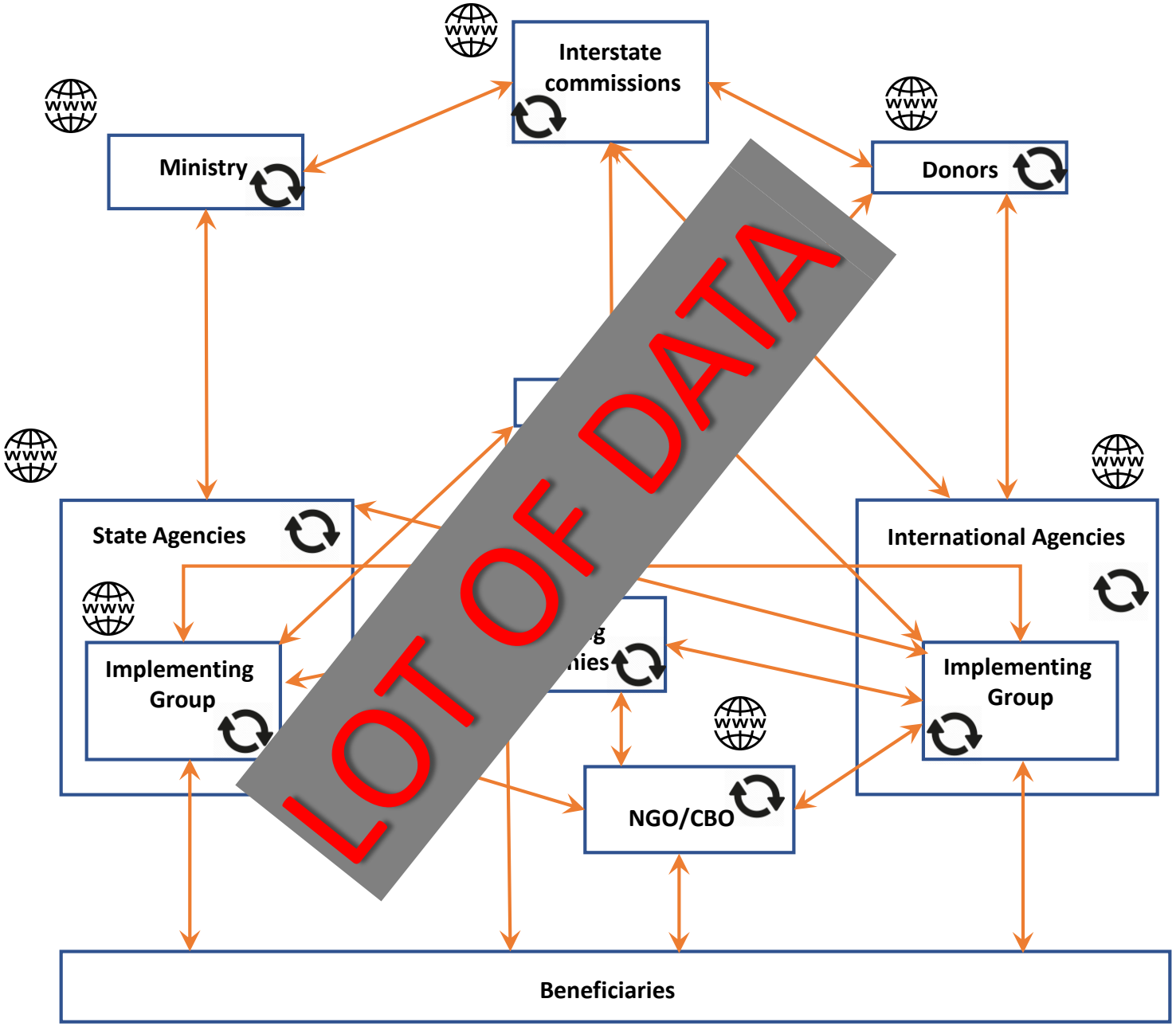
K-LINK

First Step: organizational assessment

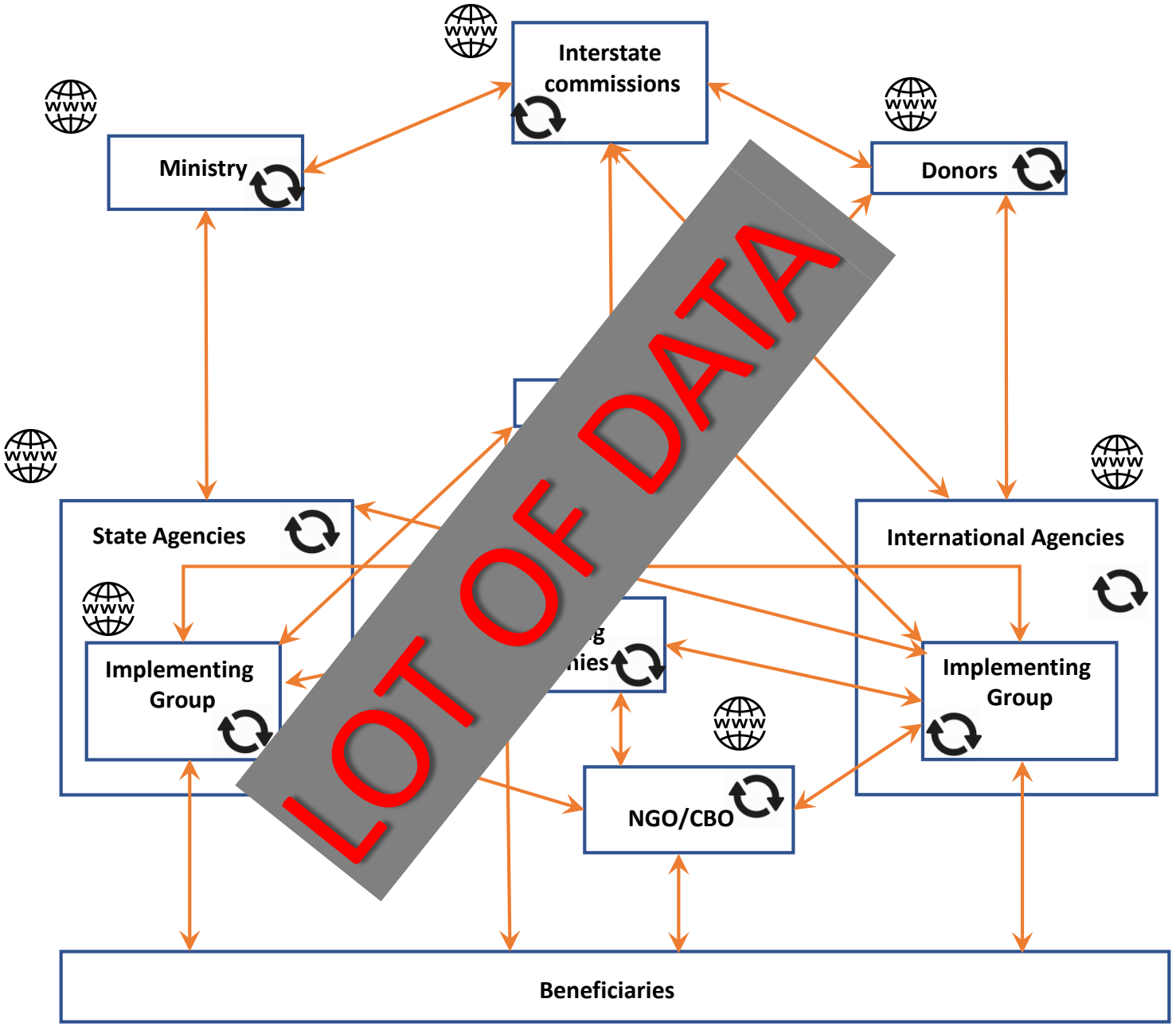
K-Link: the vision




Interstate commissions
Ministry
Donors
LOT OF DATA
State Agencies
International Agencies
Implementing Group
Implementing Group
NGO/CBO
Beneficiaries



Where is the data?
What kind of data?
How can I use data?
Who is the data owner?
What about the data quality?
How to avoid data will disappear after the project termination?



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Better Data

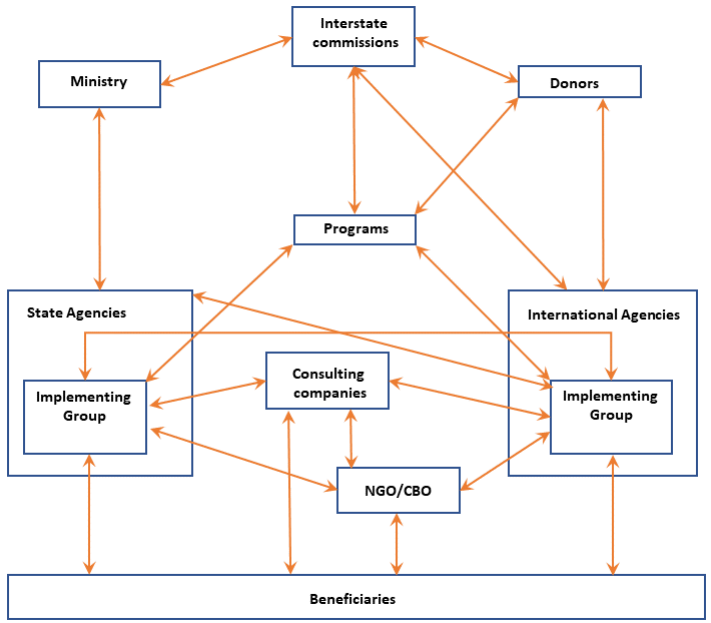
Better Knowledge

. Increase learing processes
. Enhance the reputation and project goals achievement
. Enhance inclusion and participation
. Ease the hand over mechanisms

Institution

team

Institutional Data
(e.g., financial files of NGOs)



community

Shared Data
(e.g., working documents produced by project members)

WWW

network

Published Data
(e.g., final reports and dissemination materials)

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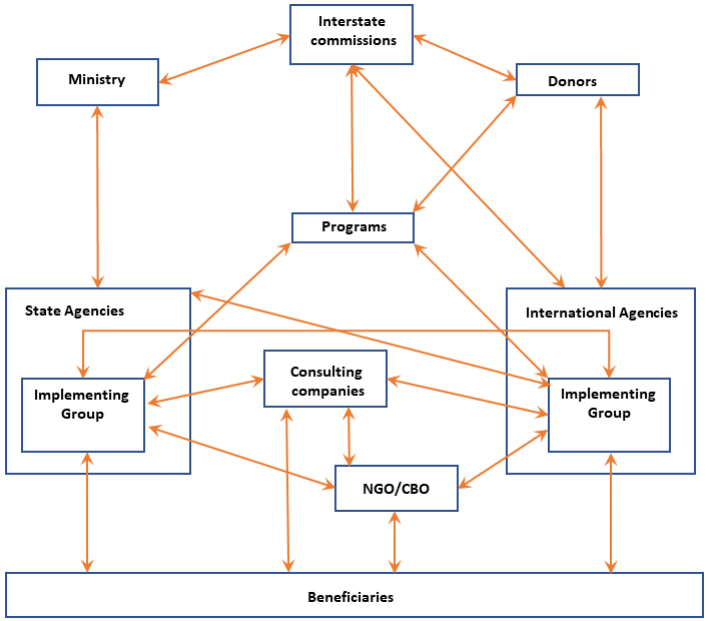
team



community

network

K-LINK

Encrypt your data

Data Security

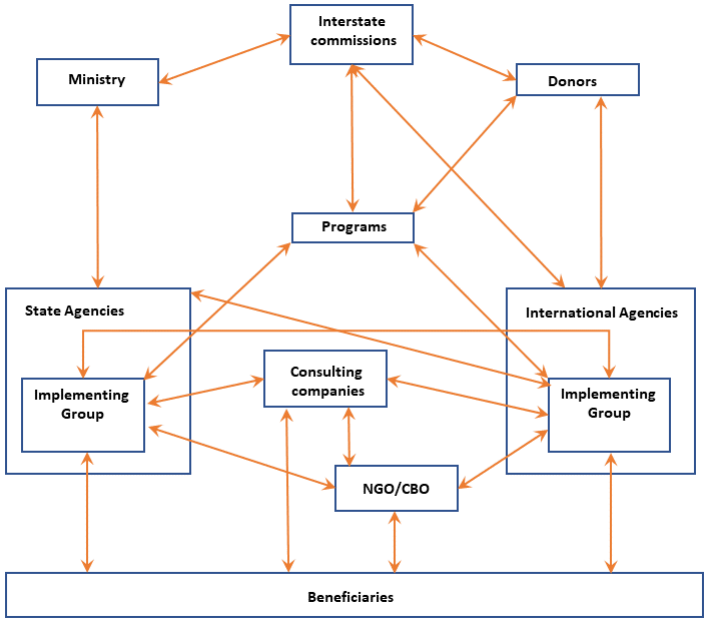
Second Step: choose the technology

Make data surviving the project termination

DATA Persistency

Institution

team



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K-LINK

USERS Feedback

Requirements collection

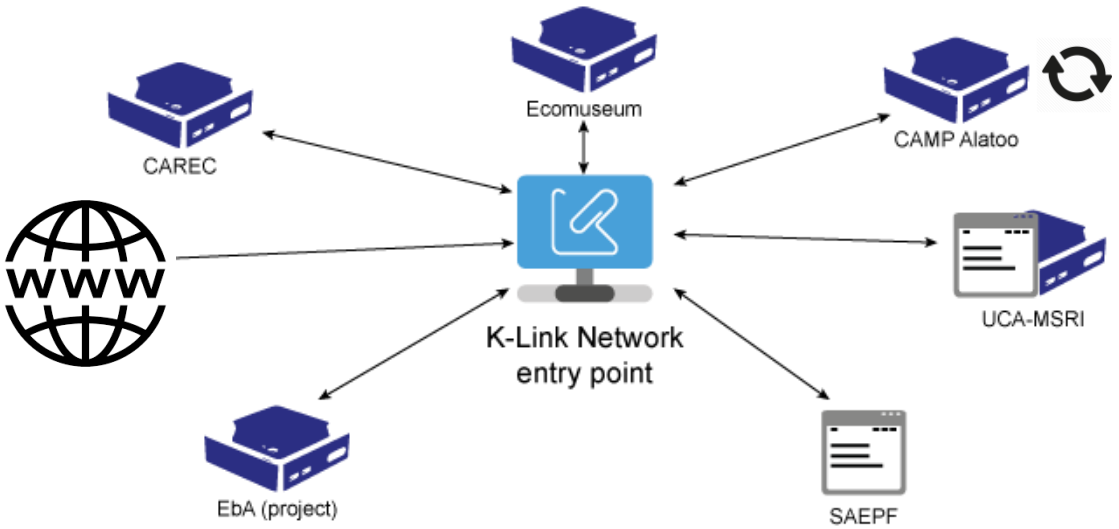
Third Step: tune the technology

Co-Design

ADAPTATION of Technology

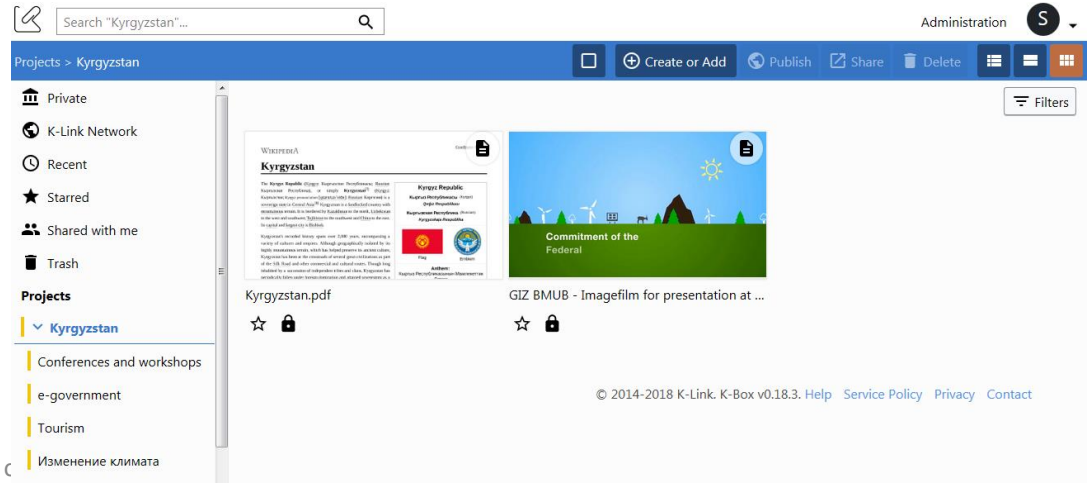
What is K-Link?

- Not a central repository
- Network of ´´knowledge´´ nodes (websites, DMSs, CMSs)
- Linking existing platforms

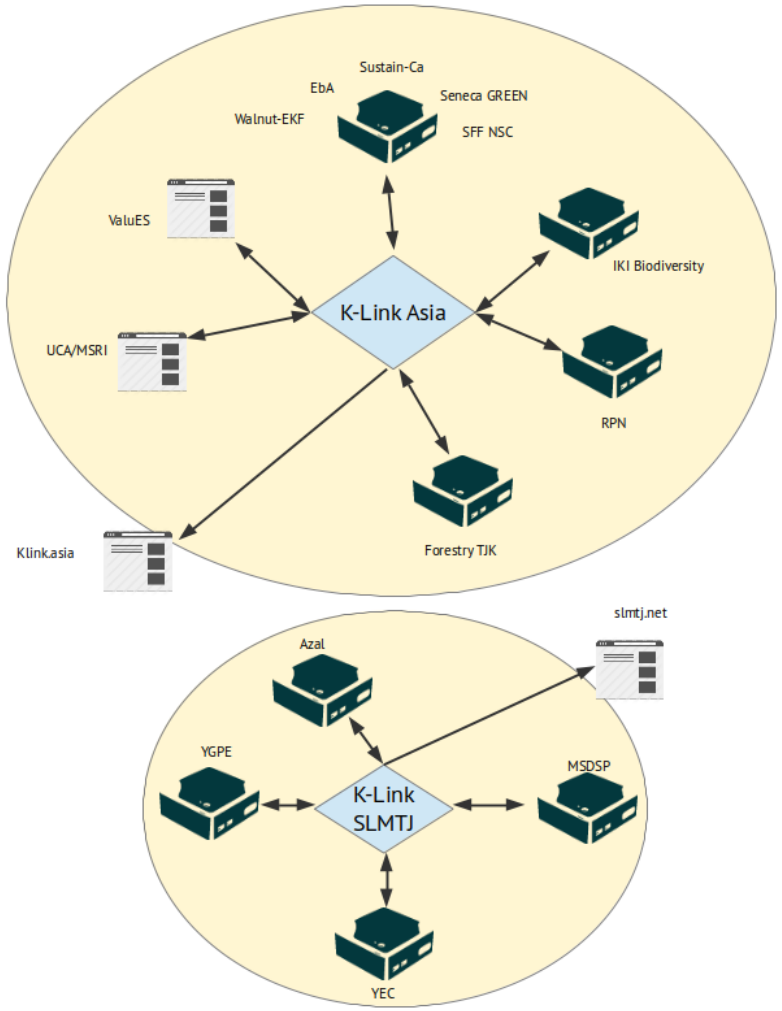


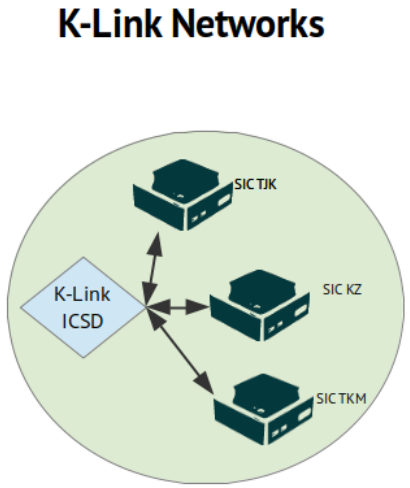
K-Box: what is it?

- Not all partner institutions have a DMS or CMS
- => Need for a custom DMS, natively integrated with K-Link
  - Multi-lingual (English, Russian, and French)
  - Flexible structure for documents
  - Easy sharing within / outside of institutions



Current K-Link Ecosystem



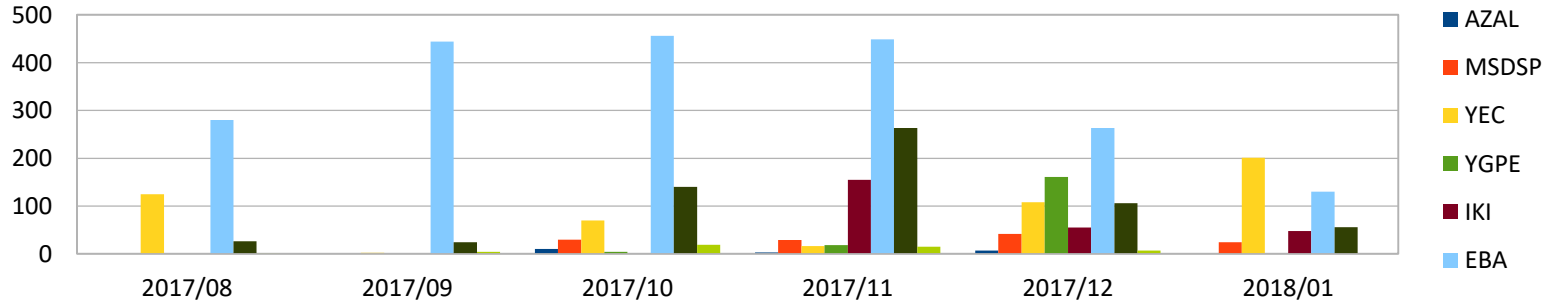


Legend

- K-Link orchestrator
- K-Box
- Website (with adapter)
- Open K-Link network
- Closed K-Link network

Files uploaded

Month	AZAL	MSDSP	YEC	YGPE	IKI	EBA	RPN	Forestry
Earlier						7316	5099	211
2017/08			125			280	26	1
2017/09			2			444	24	4
2017/10	10	30	70	4		456	140	19
2017/11	3	29	16	18	155	449	263	15
2017/12	7	42	108	161	55	263	106	7
2018/01		24	201		48	130	56	
Total	20	125	522	183	258	9338	5714	257
								Sum:
								16417



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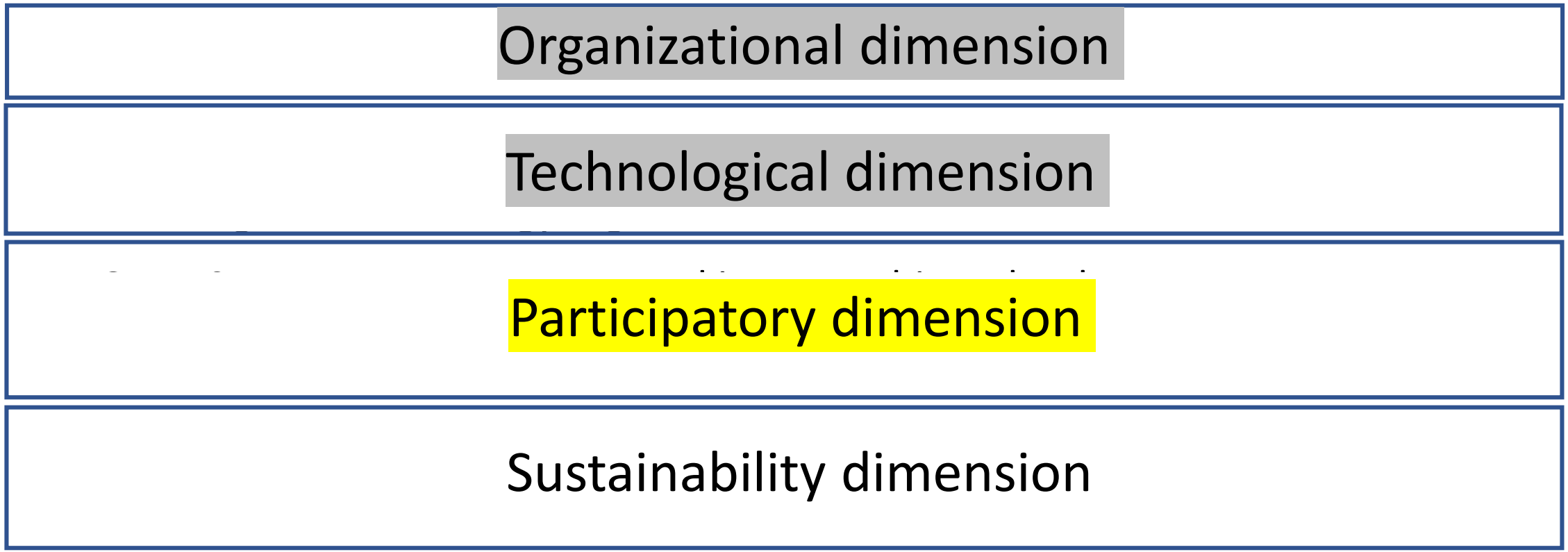

Institution

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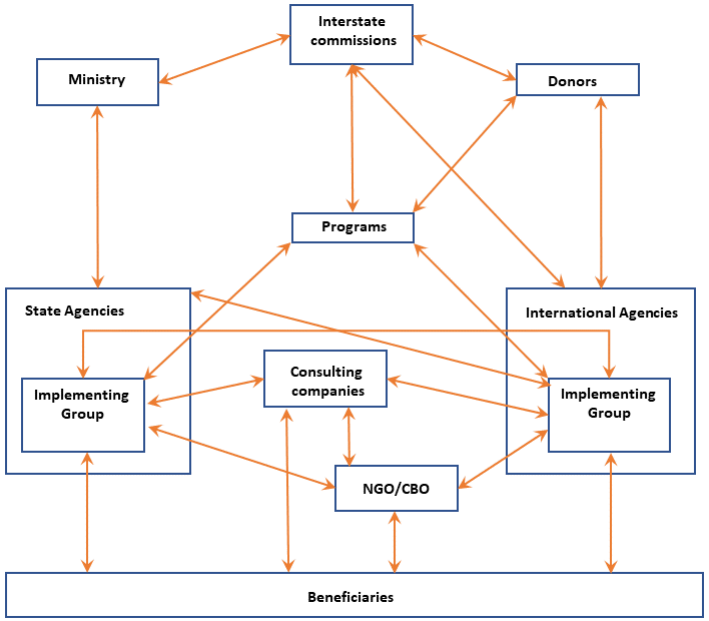


community

network

K-LINK

OPEN SOURCE

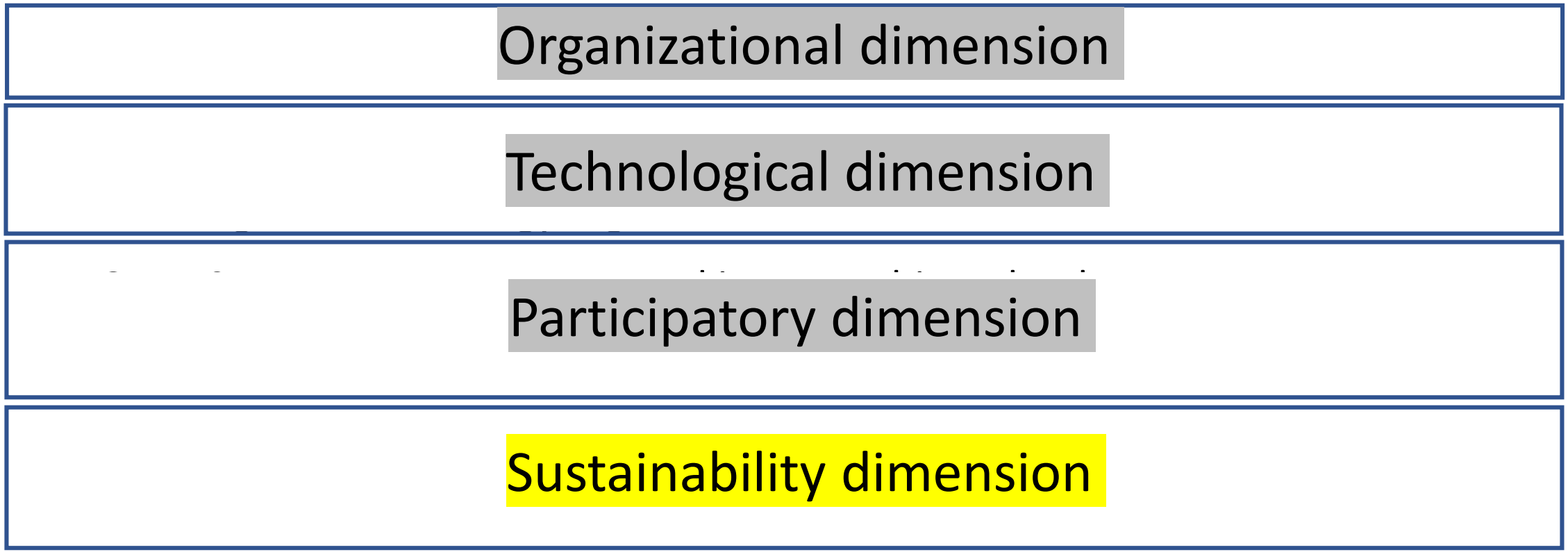
Participation leads to innovation

Fourth Step: Participation

Innovation leads to prosperity

ANCHOR Technology

K-Link: the vision



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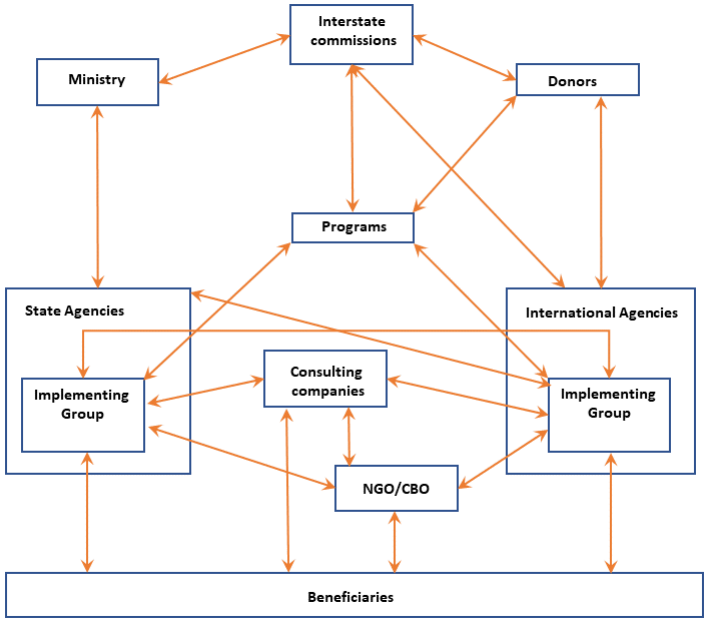

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K-LINK

OWNERSHIP

Economic Opportunities

Fifth Step: sustainability

Distributing investement

REDUCING cost

Thanks!

Questions?