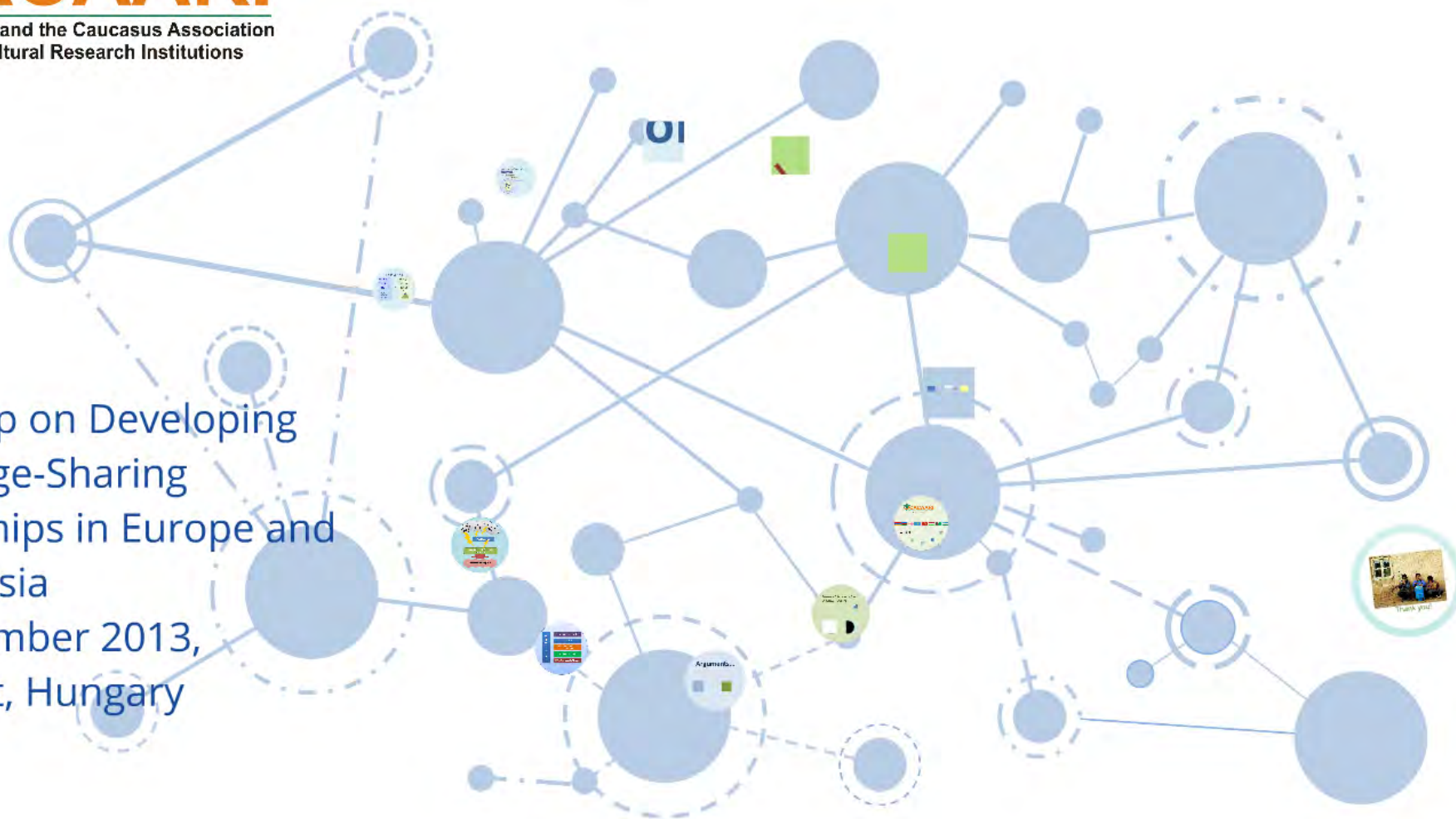


# Central Asia and the Caucasus: Implementing an international agricultural research network



Workshop on Developing  
Knowledge-Sharing  
Partnerships in Europe and  
Central Asia  
4-6 December 2013,  
Budapest, Hungary

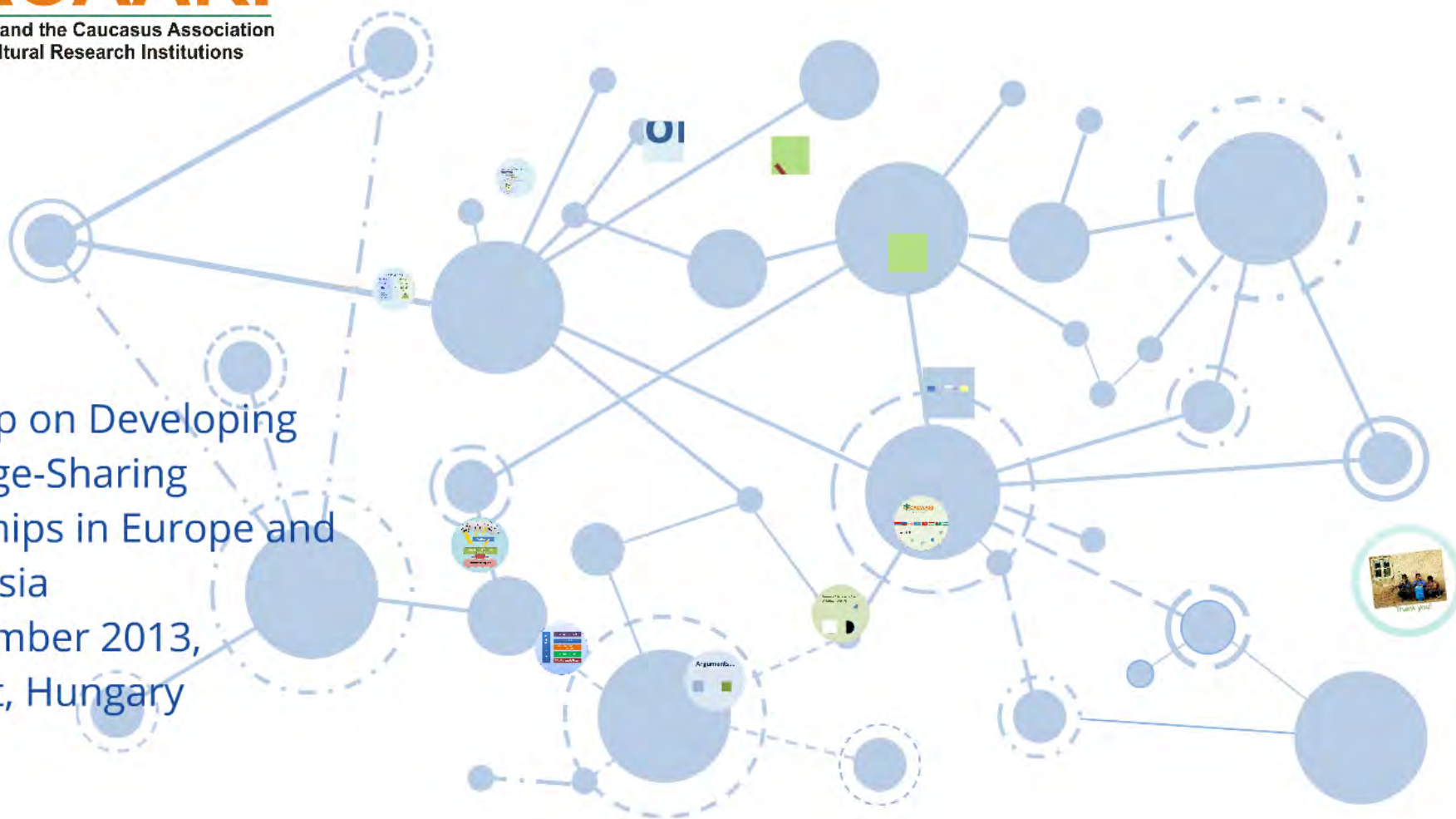


Speaker: Botir Dosov  
dosov.b@gmail.com

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# Authors



Alisher Tashmatov,  
Executive Secretary

Botir Dosov  
Adviser



## Structure of presentation

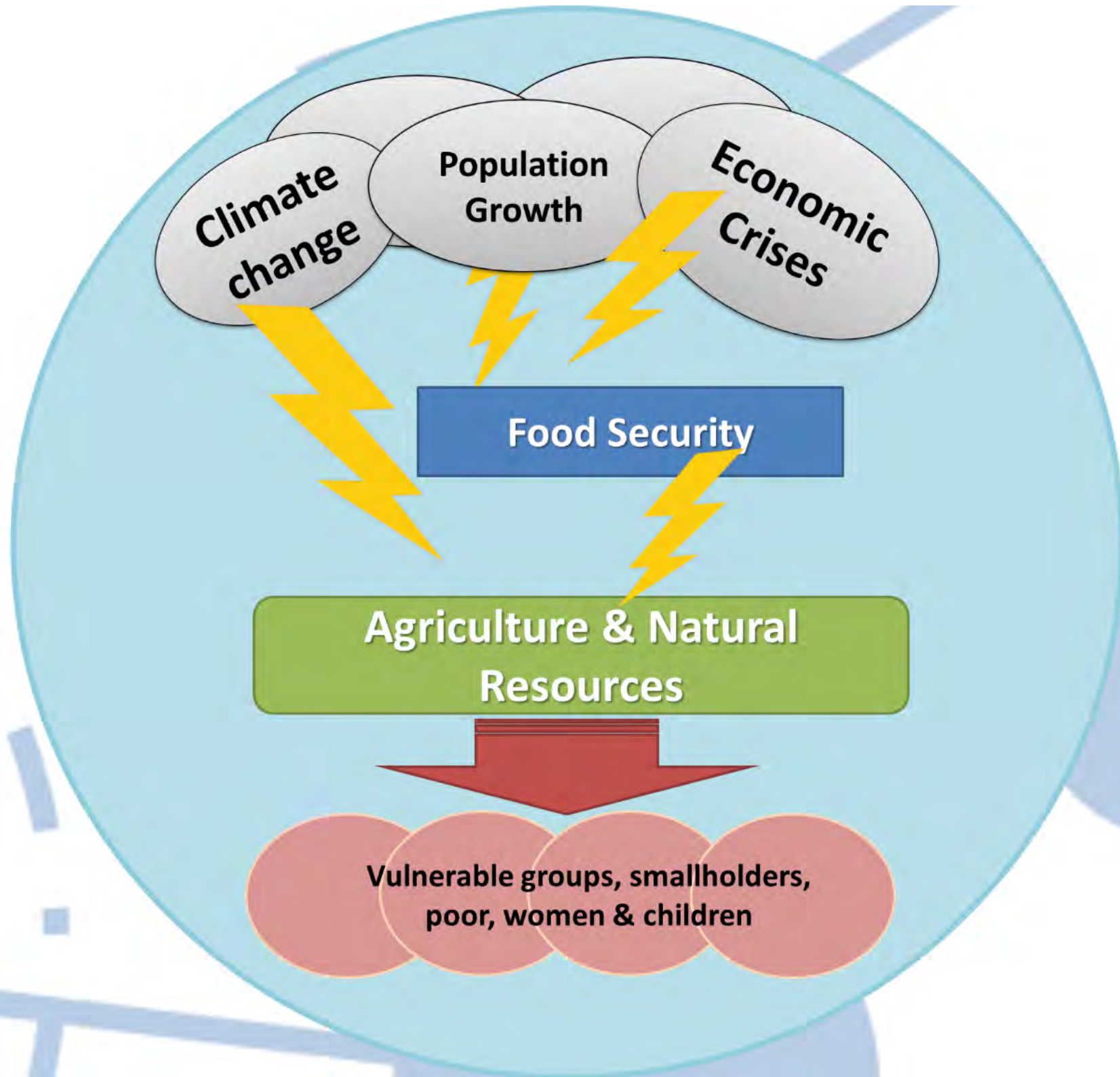
i. Background from global perspectives



ii. CACAARI networking governance



iii. Some insights from our experience



# Objectives of AR4D

```
graph LR; A[Objectives of AR4D] --- B[Agricultural Productivity]; A --- C[Food security & Nutrition]; A --- D[Intensification and diversification]; A --- E[Conservation agriculture]; A --- F[Mitigating Climate Change];
```

Agricultural Productivity

Food security & Nutrition

Intensification and  
diversification

Conservation agriculture

Mitigating Climate Change



# Arguments...



GDP growth in agriculture is  
**4 times more effective**

Agriculture Gross Output  
(Agricultural GDP)

*Poor  
people*

GDP

then in other sectors

*in raising incomes of poor*



# Investing Agricultural Research



**Agricultural  
Research**

**x9**



(Nwanze, n.d.)

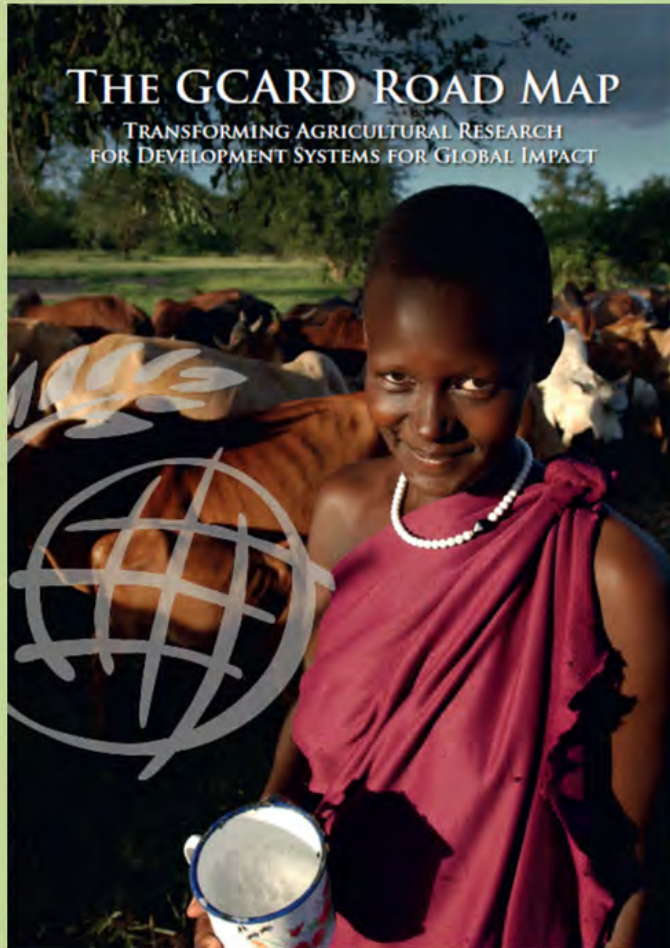
**x33**



(Alston, 2010)

# Towards Future with Food security... (CGIAR)





## Six AR4D principles for global impact

1. Collective focus on key priorities
2. True and effective partnership
3. Increase investments
4. Increase capacities
5. Embed research in the development
6. Demonstration impact and awareness



# GFAR

**The Global Forum on Agricultural Research is a multi stakeholder platform for dialogue on critical issues related to agricultural research for development, advocate and facilitate collaborative action through partnerships and assess impact of these actions.**



## Regional Forums



**FORAGRO**

Forum of the Americas for  
Agricultural Research and  
Technological Development

**EFARD**

European Forum on  
Agricultural Research  
& Development

**AARINENA**

Association of  
Agricultural  
Research Institutes  
Near East and  
North Africa

**FARA**

Forum for Agricultural  
Research in Africa

**CACAARI**

CAC Association  
of Agricultural  
Research Institutes

**APAARI**

Asia-Pacific Association  
of Agricultural Research  
Institutes



# CACAAARI

Central Asia and the Caucasus Association  
of Agricultural Research Institutions



since 2000







**R U S S I A**

**KAZAKHSTAN**

**UZBEKISTAN**

**TURKMENISTAN**

**IRAN**

**AFGHANISTAN**

**KYRGYZSTAN**

**TAJIKISTAN**

**CHINA**

**PAKISTAN**

Tehran

Scale 1:19,000,000

Conformal Conic Projection,

parallels 47°N and 62°N

kilometers

Boundary representation is

not necessarily authoritative

## **Mission:**

foster Agricultural Research for Development (ARD) in Central Asia and the Caucasus Region.

## **Objectives:**

- provide a platform for **dialogue** on critical issues related to agricultural research and innovation and **collaborative action** through national, regional and international **partnerships**;
- advocate and foster actions for increased and improved **information and knowledge sharing** for agricultural research and innovation for development;
- assist in strengthening of **capacity**, organizational and management **capability** of institutions and organizations for agricultural research and development;
- strengthen **cross-linkages** between national, regional and international research and development centers and ARD stakeholders through involvement in **jointly-planned** research, training, education and extension programmes.



# Objectives:

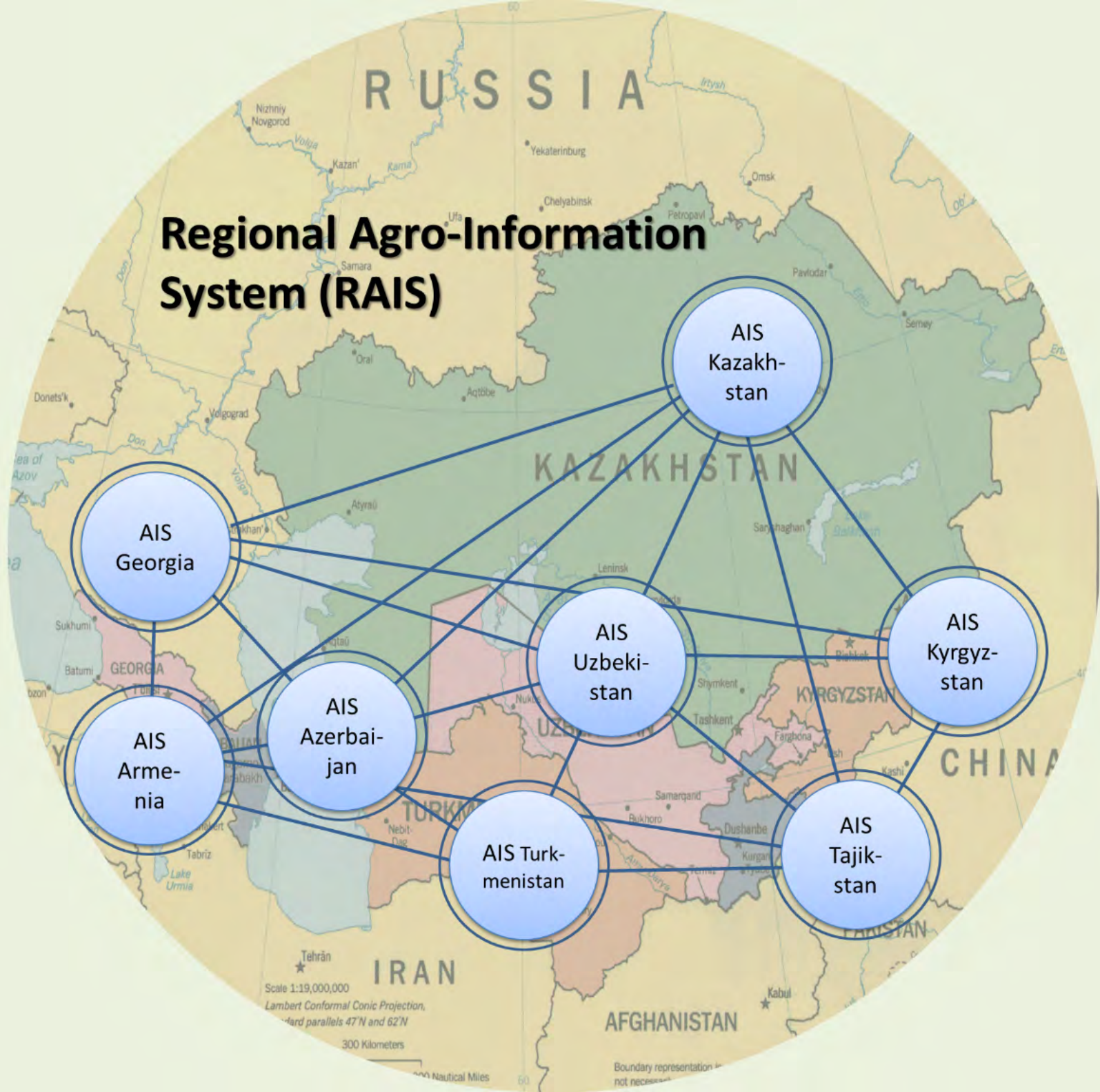
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CACAARI Governance Structure

# Regional Agro-Information System (RAIS)



AIS Georgia

AIS Armenia

AIS Azerbaijan

AIS Turkmenistan

AIS Uzbekistan

AIS Kazakhstan

AIS Kyrgyzstan

AIS Tajikistan

Scale 1:19,000,000  
Lambert Conformal Conic Projection,  
Standard parallels 47°N and 62°N  
300 Kilometers

Boundary representation is not necessarily accurate

# CACAARI network structure

Country	Country	Country	Country	Country	Country



- NGOs
- Farmers
- Private Sector
- Universities
- Women
- Youth
- Meteorologists
- Socio-economists
- Food security professionals
- CAC RAIS



Country	Country	Country	Country	Country	Country





**Armenia**

**Azerbaijan**

**Georgia**

**Kazakhstan**

**Kyrgyzstan**

**Tajikistan**

**Turkmenistan**

**Uzbekistan**

**NGOs**

**Farmers**

**Private Sector**

**Universities**

**Women**

**Youth**

**Meteorologists**

**Socio-economists**

**Food security professionals**

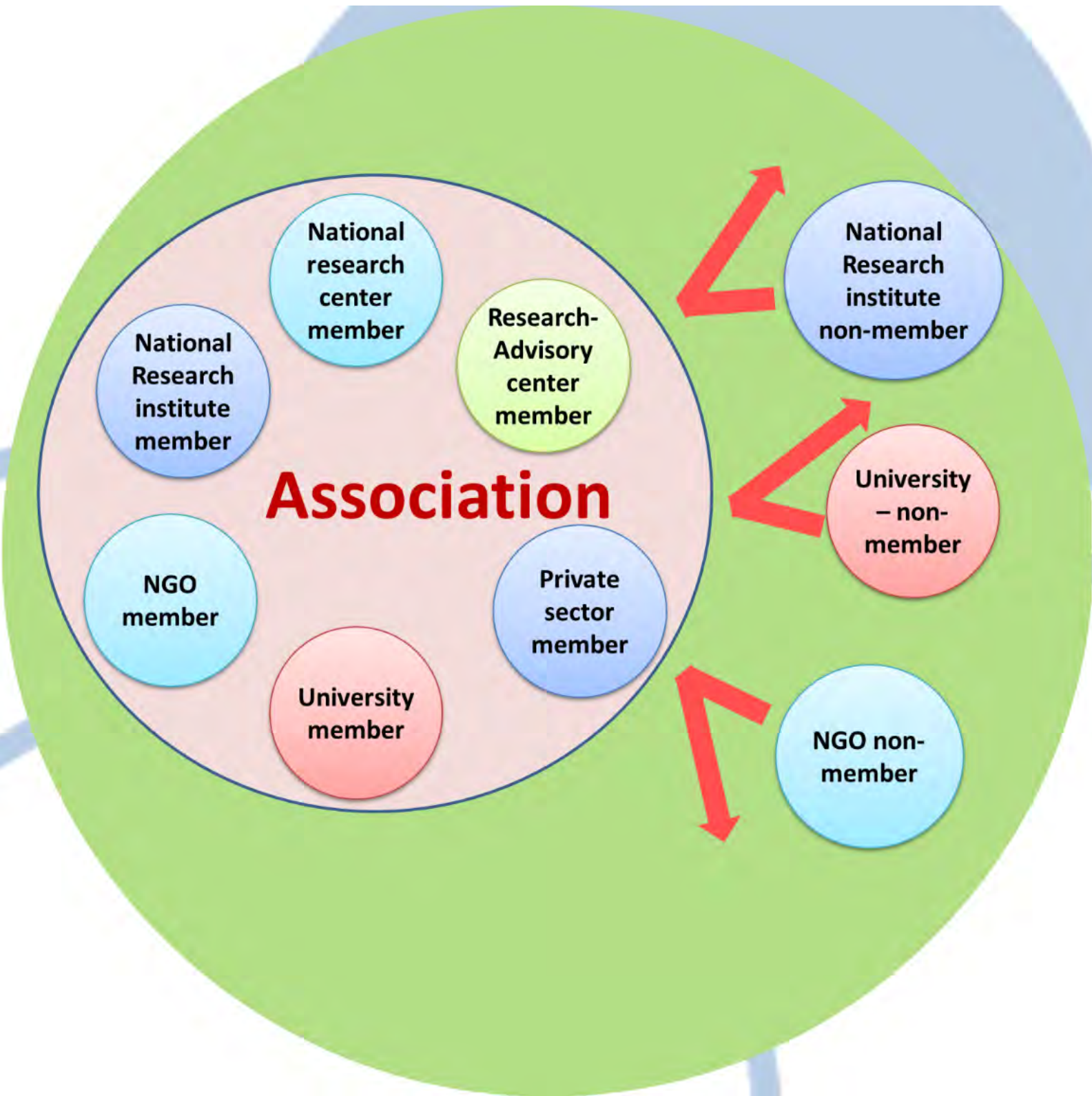
**CAC RAIS**

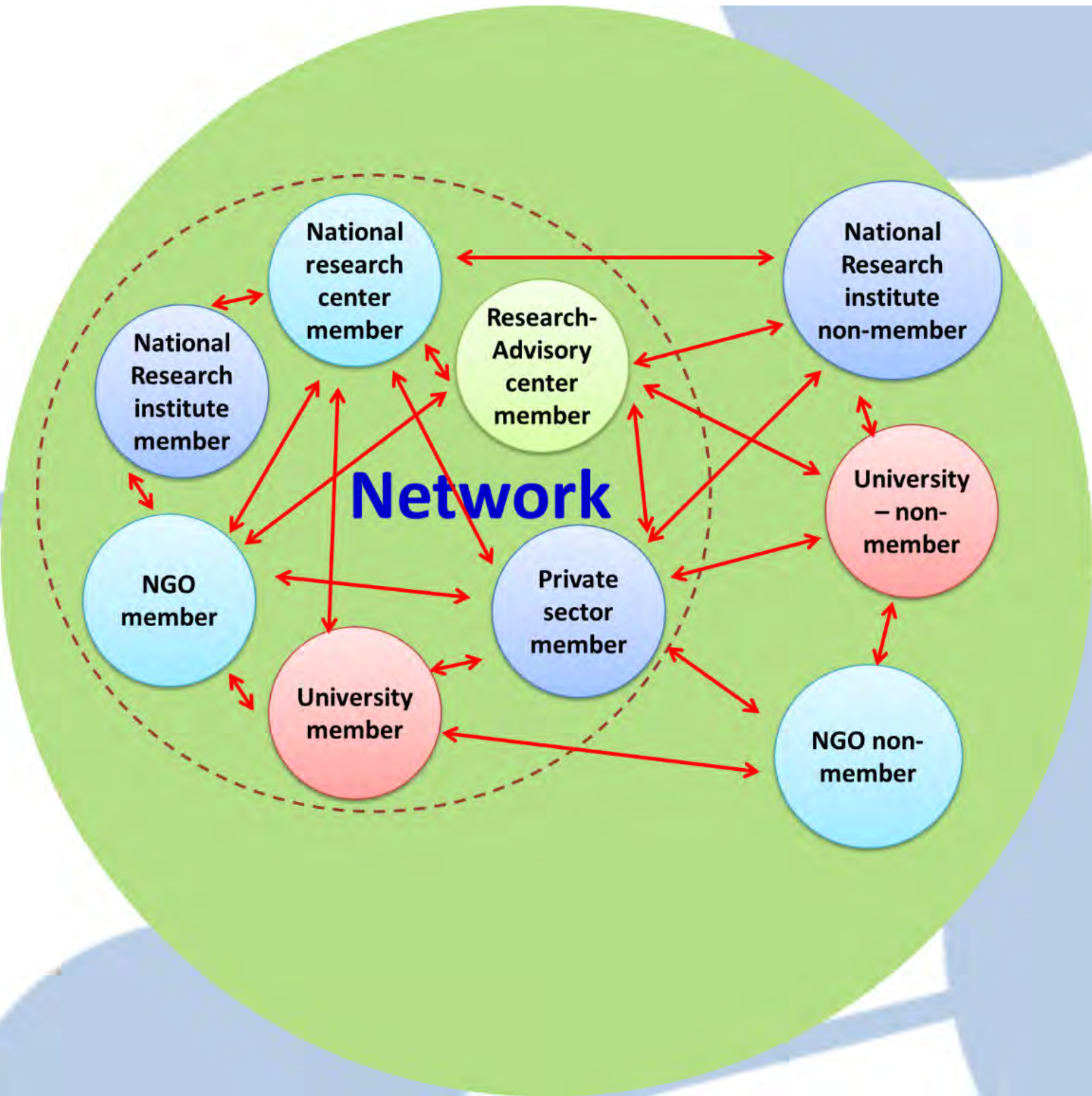
	Armenia	Azerbaijan	Georgia	Kazakhstan	Kyrgyzstan	Tajikistan	Turkmenistan	Uzbekistan
NGOs								
Farmers								
Private Sector								
Universities								
Women								
Youth								
Meteorologists								
Socio-economists								
Food security professionals								
CAC RAIS								



**Is a precise structure of the network sufficient for its efficient performance and impact?**







# Network

National  
research  
center  
member

National  
Research  
institute  
member

National  
Research  
institute  
non-member

Research-  
Advisory  
center  
member

University  
- non-  
member

NGO  
member

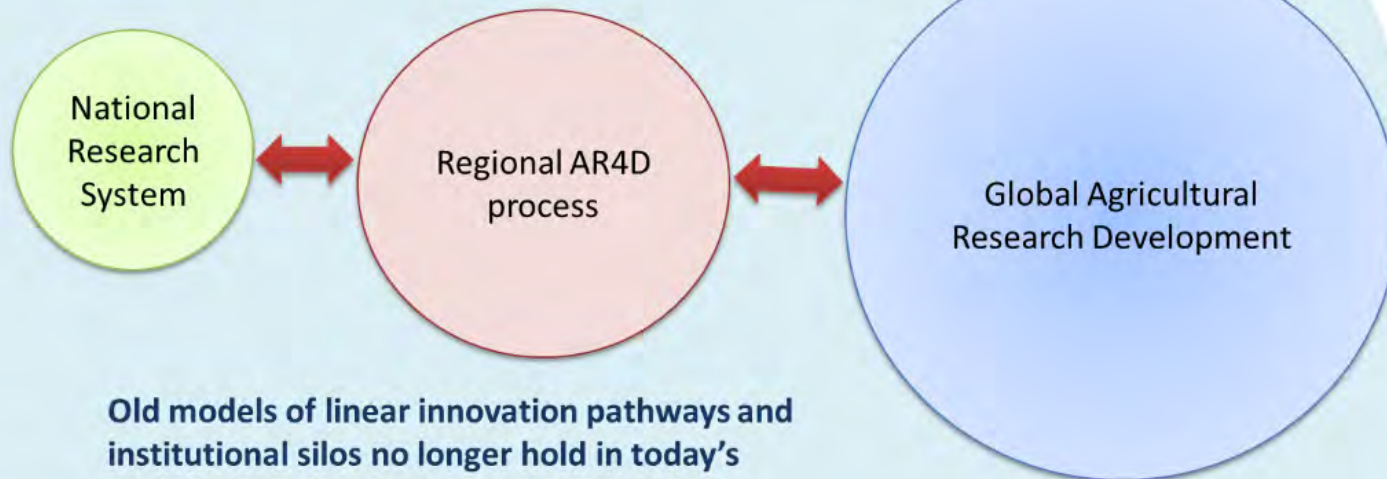
Private  
sector  
member

University  
member

NGO non-  
member



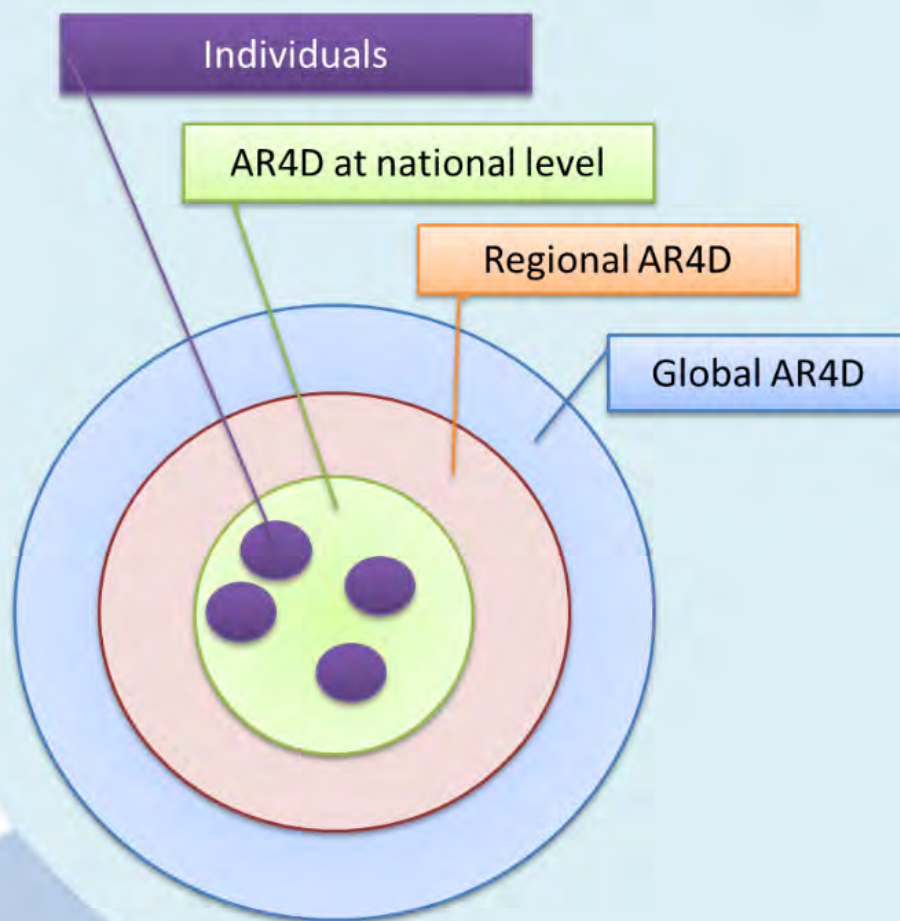
## The role of **DCP** – **D**elivery, **C**onnectivity, **P**articipatory in implementation of development processes



Old models of linear innovation pathways and institutional silos no longer hold in today's rapidly changing agricultural systems and stakeholders are interconnected in multiple directions and pathways across a spectrum of interactions, depending on the context concerned.

*The GCARD Roadmap*

## The role of **DCP** – **D**elivery, **C**onnectivity, **P**articipatory in implementation of development processes (2)



# NARIN vs. NARS

**NARIN - National Agricultural Research and Innovation Network:**

- Inclusiveness
- Transparency
- Flexibility
- Capacious
- Participatory



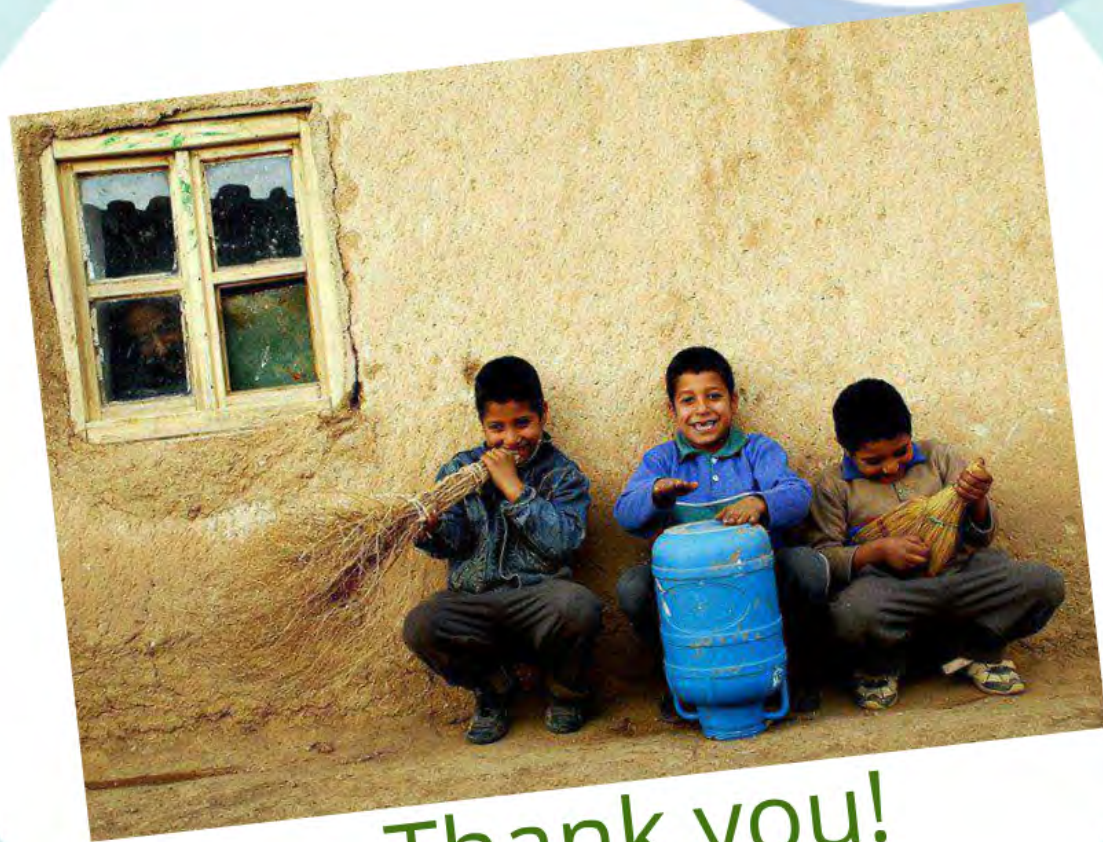
**vs.**

**NARS - National Agricultural Research System:**

- Governance
- Accountability
- Orderliness
- Procedurality
- Unity







Thank you!