



Food and Agriculture  
Organization of the  
United Nations



# The Central Asia Animal Health Network (CAAHN)

**Formation of an AI and ND diagnosis and surveillance subnetwork, 29 Jan 2021**

Daniel Beltran-Alcrudo, FAO Regional Office for Europe and Central Asia (REU)



## Why animal health networks are needed?

- The control of TADs requires a regional approach
- Common challenges → Sharing of best practices and lessons learned between countries
- Successful experience setting up animal health networks in other regions



Regional AH networks offer a framework for building strong technical capacity, competency, leadership and a critical mass of regionally networked specialists.



## What is an animal health network?

- 1) **exchange** of information and experiences
- 2) **standardize** laboratory, field prevention/control, operating, communication and other procedures;
- 3) **harmonize** policies and approaches in accordance with international standards
- 4) **identify** gaps, weaknesses and priorities
- 5) **fulfil** these gaps, e.g. by providing training
- 6) **efficient coordination** of disease/theme specific sub-networks
- 7) **promote trade** in livestock and livestock products





# The Central Asia Animal Health Network (CAAHN)

## Countries

- [The Committee of Veterinary Control and Supervision of the Republic of \*\*Kazakhstan\*\*](#)
- [The State Inspection for Veterinary and Phytosanitary Safety of the Government of the \*\*Kyrgyz Republic\*\*](#)
- [The Committee of Food Security of the Government of the Republic of \*\*Tajikistan\*\*](#)
- [The Ministry of Agriculture and Environment Protection of \*\*Turkmenistan\*\*](#)
- [The State Veterinary Committee of the Republic of \*\*Uzbekistan\*\*](#)

## International organizations

- [FAO Office for Europe and Central Asia \(FAO REU\)](#)
- [OIE](#) Sub-Regional Representation for Central Asia

## Other associate partners (ad hoc)

- [WHO Regional Office for Europe](#)
- World and regional FAO/OIE reference centres/laboratories, e.g. APHA, CDC
- Private sector (e.g. producer and veterinary associations, etc.)



## CAAHN's structure and functioning

- Launched on 14-15 Nov 2019 ([First CAAHN Meeting, Tashkent, Uzbekistan](#))
- FAO & OIE (initial drivers) through projects and regular program funds
- Country ownership
- Sustainability: To be gradually taken over by regional economic/political institutions and national governments

[Recommendations of the  
CAAHN first meeting,  
Tashkent, November 2019](#)

### Coordination

- Memorandum of Understanding (MoU)
- Meetings on an annual basis (plus ad-hoc meetings)
- Regular communications: email, teleconferences, webinars
- Steering Committee: CVOs, FAO & OIE
- Lab and epi focal points from each country
- Disease-specific or topic-specific subnetworks
- Website (upcoming)





## Epidemiology networks

1. Timely share outbreak and surveillance information ([Central Asia animal health data sharing platform](#))
2. Harmonize surveillance and platforms
3. Discuss prevention and control strategies
4. Coordinate, harmonize and plan interventions in the region, particularly in border areas
5. Assess the improvement of regional technical skills and continuous training of technical staff and perform risk analysis for the region and beyond

### [CAAHN Epidemiology Action Plan](#)



## Laboratory networks

1. Share and update info on lab diagnostic techniques and algorithms
2. Management of Laboratory Information generated in the laboratories
3. Biosafety and Biosecurity issues
4. Quality Assurance implementation (harmonized quality assurance programs)
5. Develop regional technical collaborations and catalyze experience sharing
6. Ensure a minimum and harmonized supply of reagents
7. Develop opportunities to participate in diagnostic proficiency tests
8. Collectively benefit from international expertise (from OIE/FAO Reference Centres)
9. Assess the improvement of regional technical skills and continuous training of technical staff

### [CAAHN Laboratory Action Plan](#)



## Who is who in CAAHN?

### FAO:

- Eran Raizman [Eran.Raizman@fao.org](mailto:Eran.Raizman@fao.org)
- Daniel Beltran-Alcrudo [Daniel.BeltranAlcrudo@fao.org](mailto:Daniel.BeltranAlcrudo@fao.org)
- Dinara Imanbayeva [Dinara.imanbayeva@fao.org](mailto:Dinara.imanbayeva@fao.org)

### CAAHN Epidemiology Network focal points:

- Rahym Ashyrov (Turkmenistan) [ahmet-ashyrov@mail.ru](mailto:ahmet-ashyrov@mail.ru)
- Murat Abdyrayev (Kyrgyzstan) [abdyraev71@mail.ru](mailto:abdyraev71@mail.ru)
- Yerbol Kamsayev (Kazakhstan) [kamsaev@mail.ru](mailto:kamsaev@mail.ru)
- Khurshed Boboshoev (Tajikistan) [kboboshoev@gmail.com](mailto:kboboshoev@gmail.com)
- Khabibulo Khamdamov (Uzbekistan)  
[khabibulo.khamdamov@gmail.com](mailto:khabibulo.khamdamov@gmail.com)

### OIE:

- Mereke Taitubayev [m.taitubayev@oie.int](mailto:m.taitubayev@oie.int)
- Aigerim Zhorgabayeva  
[a.zhorgabayeva@oie.int](mailto:a.zhorgabayeva@oie.int)

### CAAHN Laboratory Network focal points:

- Larissa Yermakova (Kyrgyzstan) [larisa1993-1971@mail.ru](mailto:larisa1993-1971@mail.ru)
- Sabira Alpysbayeva (Kazakhstan)  
[sabira\\_31@mail.ru](mailto:sabira_31@mail.ru)
- Faizali Karimov (Tajikistan) [faiz65@mail.ru](mailto:faiz65@mail.ru)
- Batyr Amanov (Turkmenistan)  
[batyr201@mail.ru](mailto:batyr201@mail.ru)





## First activities/outcomes (disease-specific)

*Initial focus on neglected zoonoses, e.g. brucellosis, echinococcosis, rabies, tuberculosis, anthrax...*

### Regional coordination of diseases

- [Brucellosis Progressive Control Workshop for Central Asia](#) (11-13 Nov 2019, Tashkent) (every 1.5 years)
  - [The periodic STEB assessments](#)
  - Focal points
  - Assessment missions
  - Lab trainings
  - Periodic data sharing
- [OIE/WHO Sub-Regional Workshop on echinococcosis](#) (10-11 December 2019, Bishkek, Kyrgyzstan)
- Formation of an **Avian influenza** and **Newcastle disease** diagnosis and surveillance subnetwork (29 Jan 2020)
- **Lumpy skin disease** preparedness for Central Asia (2021-2022)

### Ad-hoc trainings in Russian:

- [Online training on laboratory diagnosis for poultry diseases](#) (7-24 Sept 2020)
- [Online lumpy skin disease preparedness course](#) (20 Oct - 17 Nov 2020)

### Awareness events:

- World **Rabies** Day webinar for Central Asia Countries, 9 Oct 2020
- World Antibiotic Awareness Week (Nov 2021)



Food and Agriculture  
Organization of the  
United Nations

## OIE and FAO Corporate Tools to assist countries

### PVS Sustainable Laboratory Support

Assessments of laboratories using FAO's Laboratory Mapping Tool (**LMT**)

### Veterinary Statutory Bodies

FAO Assessment Tool for Laboratories and AMR Surveillance (**ATLASS**)

### Veterinary and Veterinary Paraprofessionals Education

OIE Tool for the Evaluation of Performance of Veterinary Services (**PVS**)



Assessment of surveillance capacities of vet services using FAO's Surveillance Evaluation Tool (**SET**)

### Public-Private Partnerships (PPPs) in the veterinary domain

FAO Progressive Management Pathway for Antimicrobial Resistance (**PMP-AMR**)

PVS Pathway Veterinary Legislation Support Programme (**VLSP**)



Food and Agriculture Organization  
of the United Nations



# The Workshop on the establishment of a Central Asian Animal Health Network (CAAHN)

14 - 15 November 2019 Tashkent, Uzbekistan

TCP/SEC/3702



**Thank you**