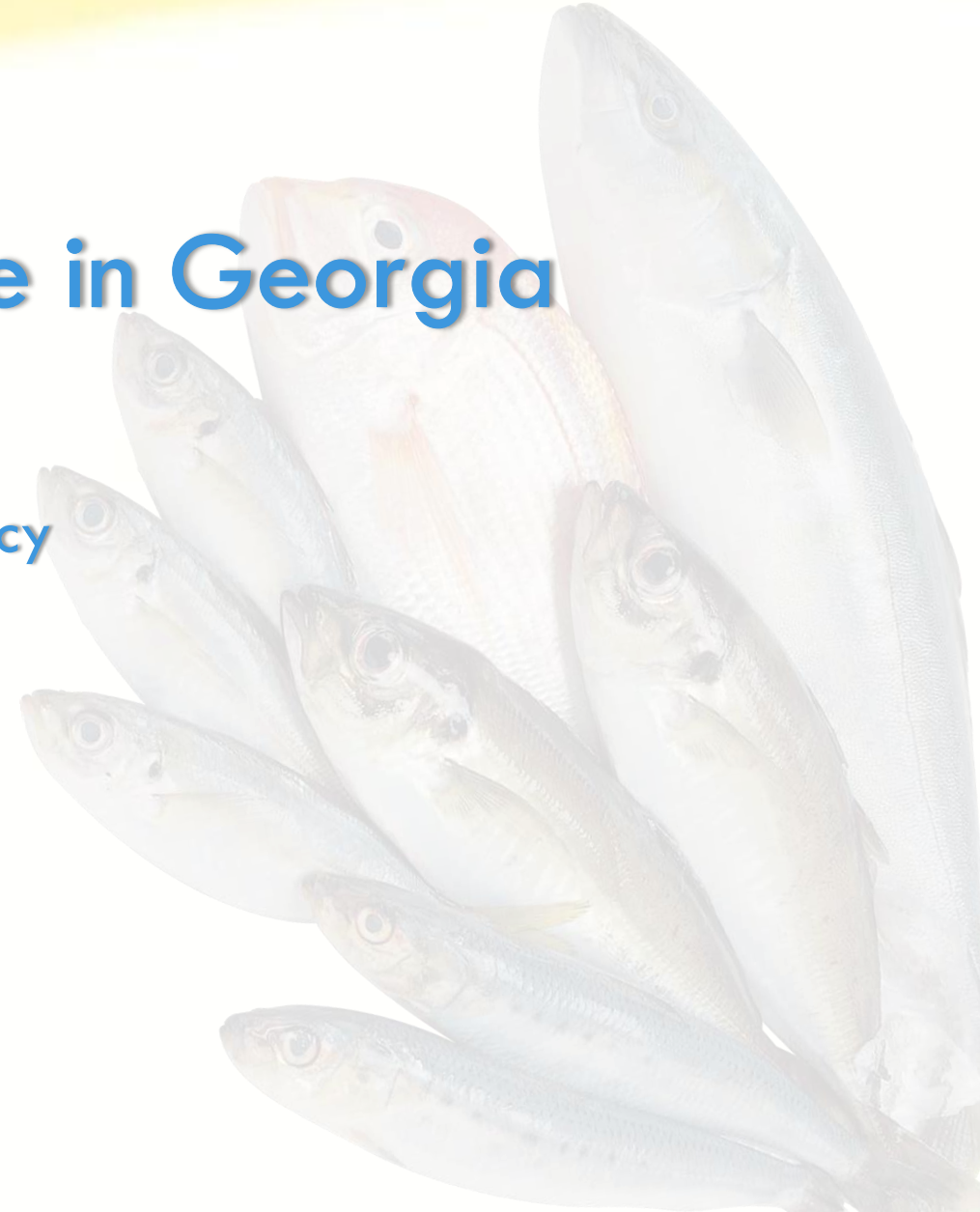


# Situation in Aquaculture in Georgia

National Food Agency





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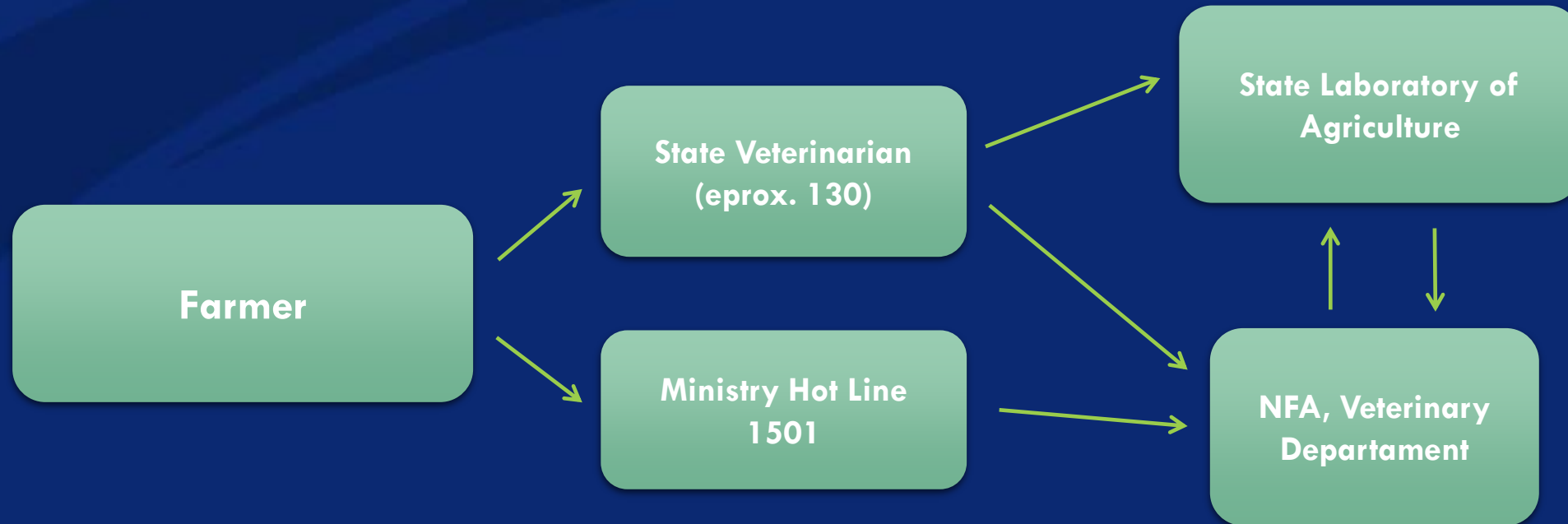
Georgia

- The territory of Georgia covers 69,700 km<sup>2</sup> (20% is occupied by Russia)
- 12 regions, 65 districts, 3211 villages
- Natural and artificial reservoirs – 2.55 km<sup>3</sup> volume
- Rivers pool area suitable for fish farming – 84,519 km<sup>2</sup>
- Lakes – approx. 860 (16,900 ha)



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# Response System

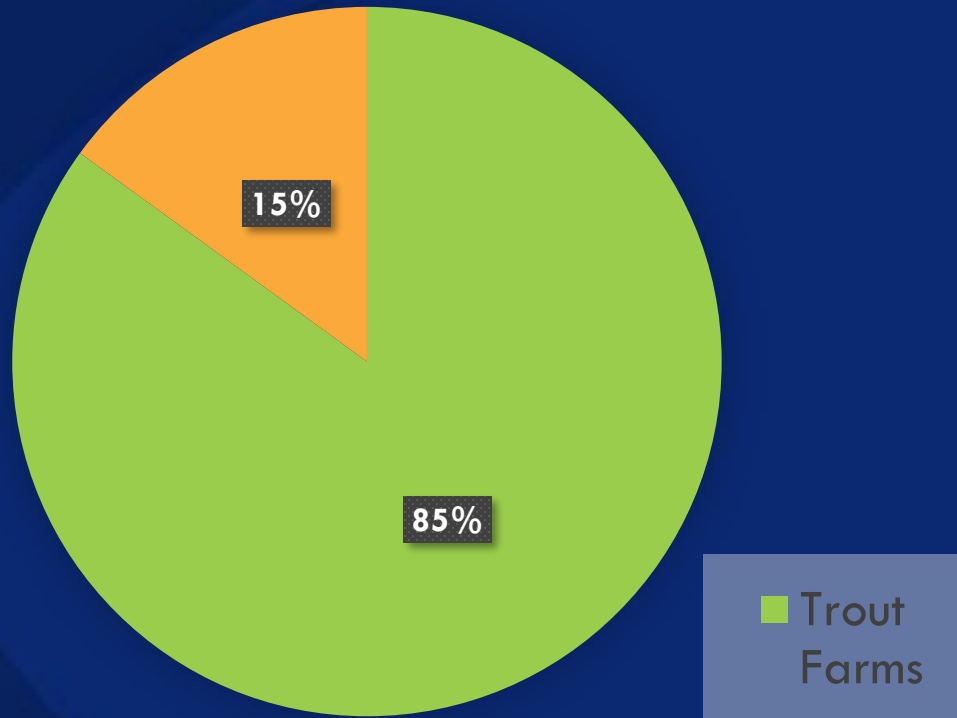




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საქართველოს  
საქართველოს  
საქართველოს

# Trout and Pond Farms in Georgia

■ Trout and Pond Farms - 300 farms in total:



# Distribution of trout and pond farms 2023



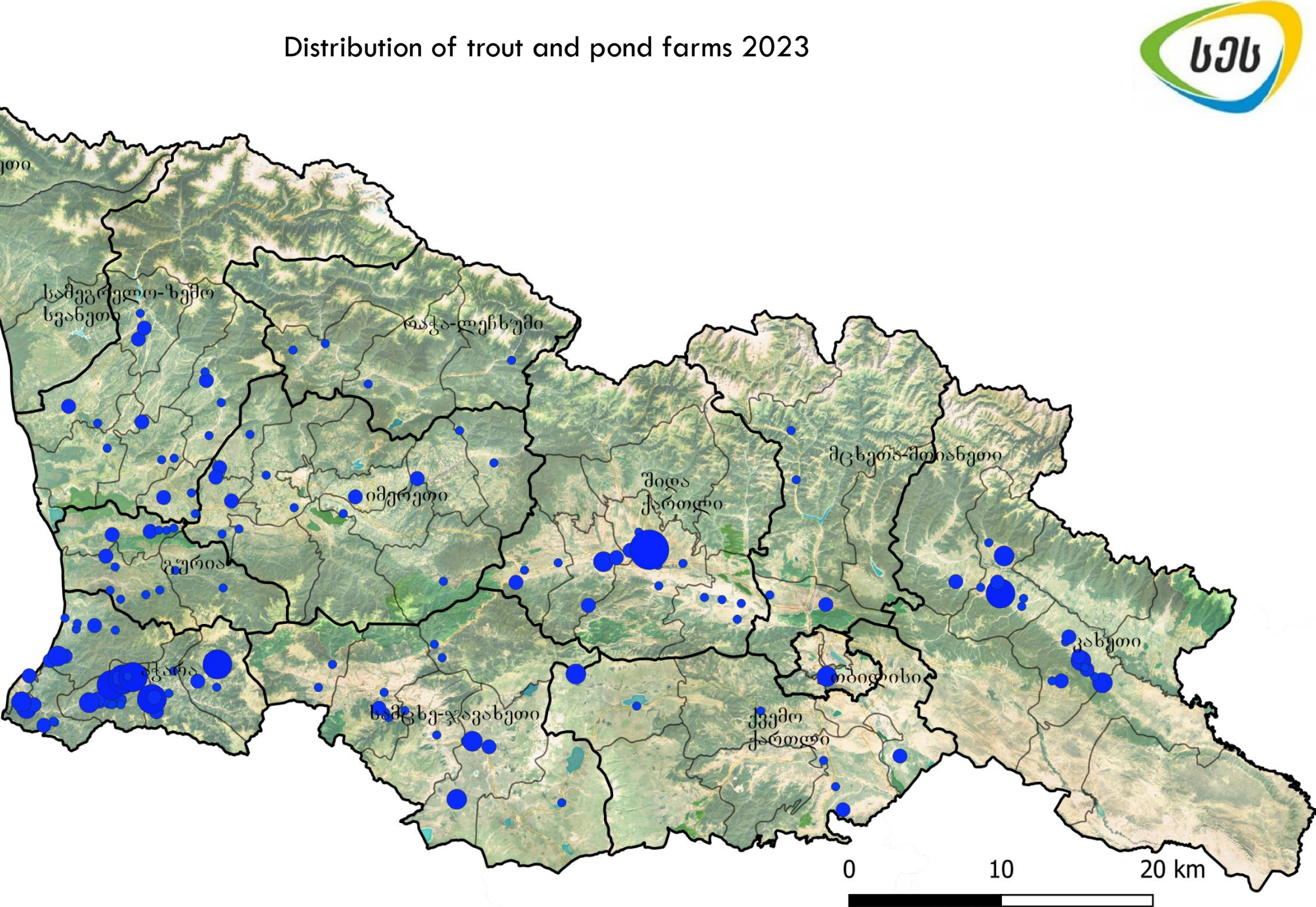
- Adjara
- Kakheti
- Shida Kartli
- Samtskhe-Javakheti

Quantity of Farms

- 1.0 - 1.0
- 1.0 - 3.0
- 3.0 - 7.0
- 7.0 - 14.0
- 14.0 - 55.0

Regions

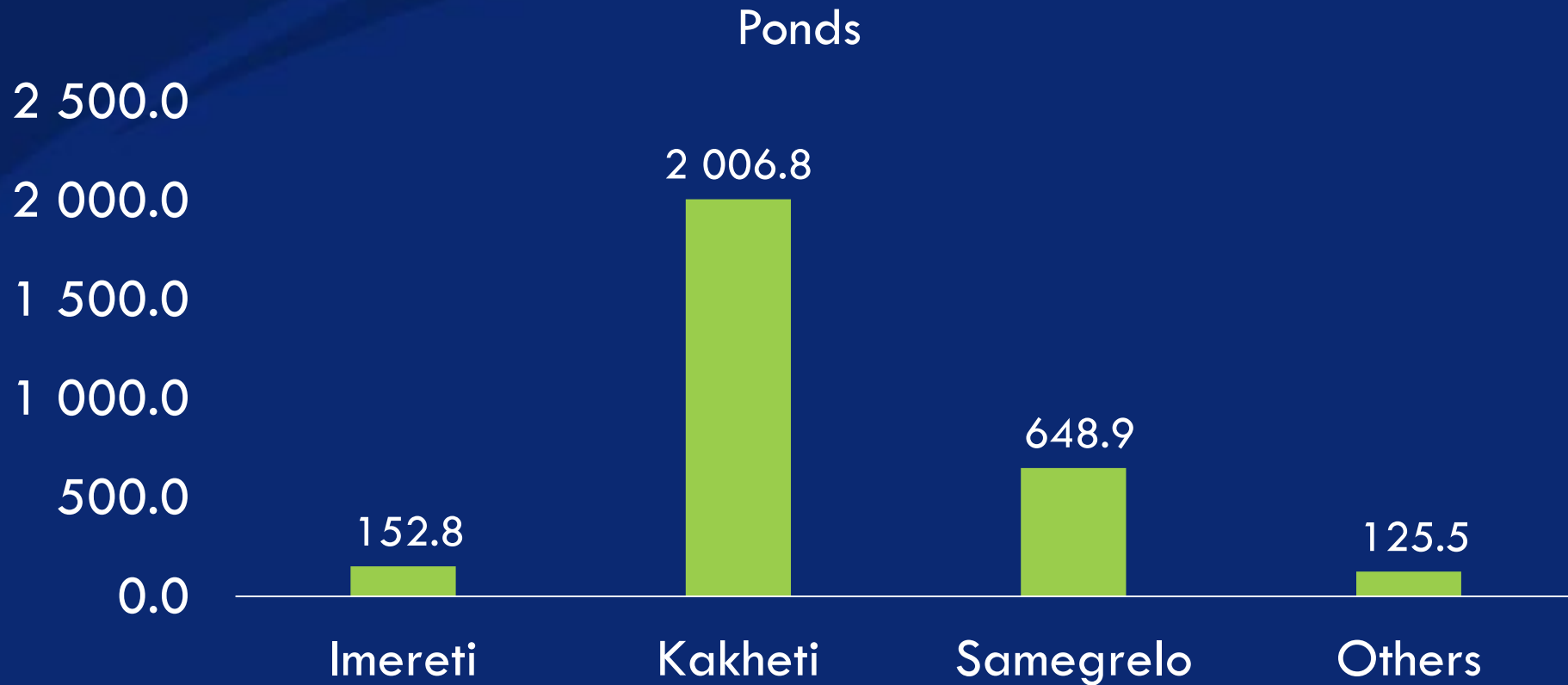
Municipalities





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სტატისტიკის  
აგენტობა

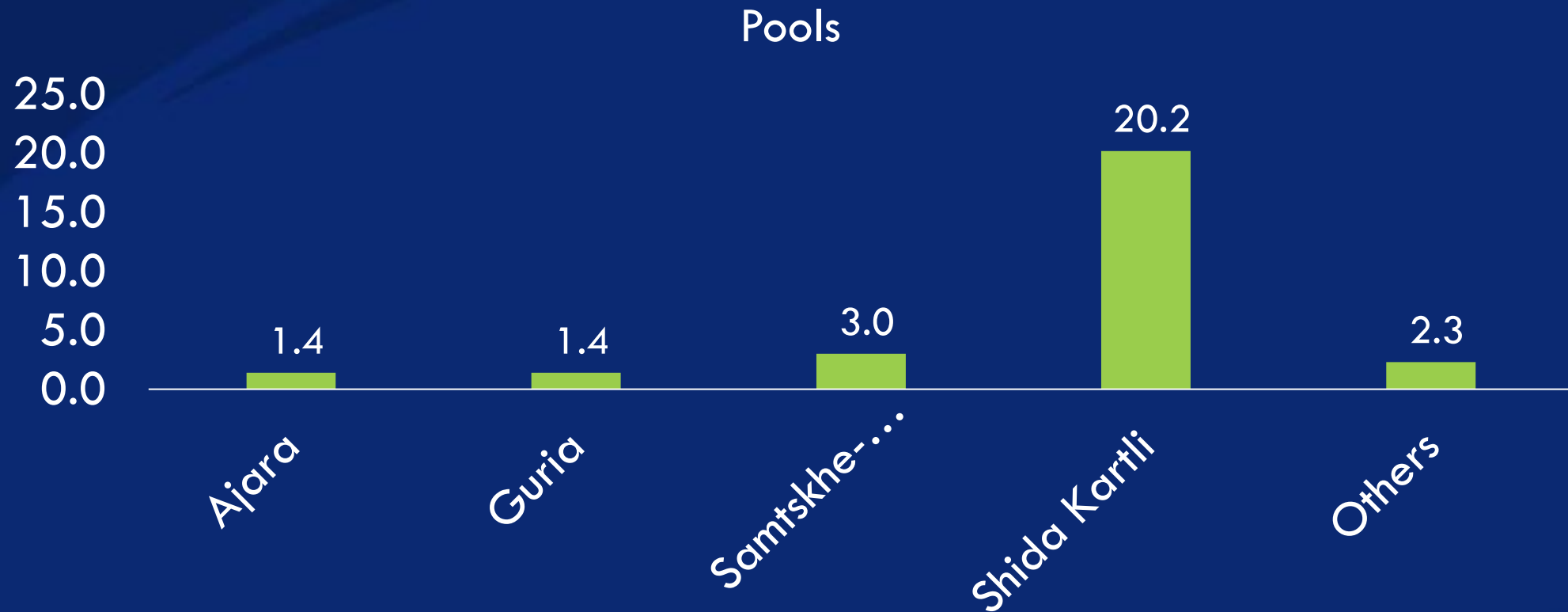
# Area of ponds for aquaculture by regions (ha)





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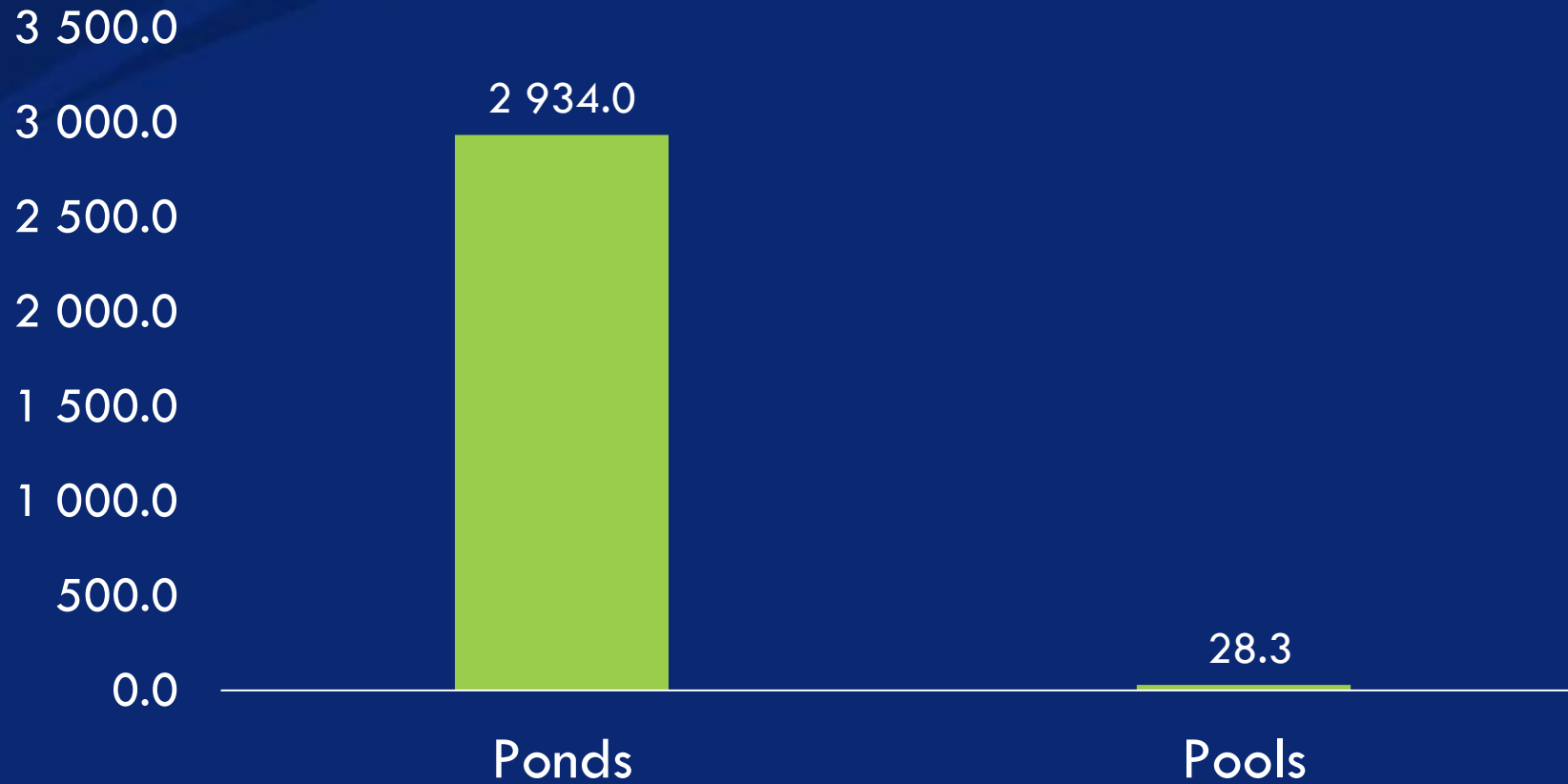
# Area of pools for aquaculture by regions (ha)





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# Area of ponds and pools intended for aquaculture in Georgia, 2022

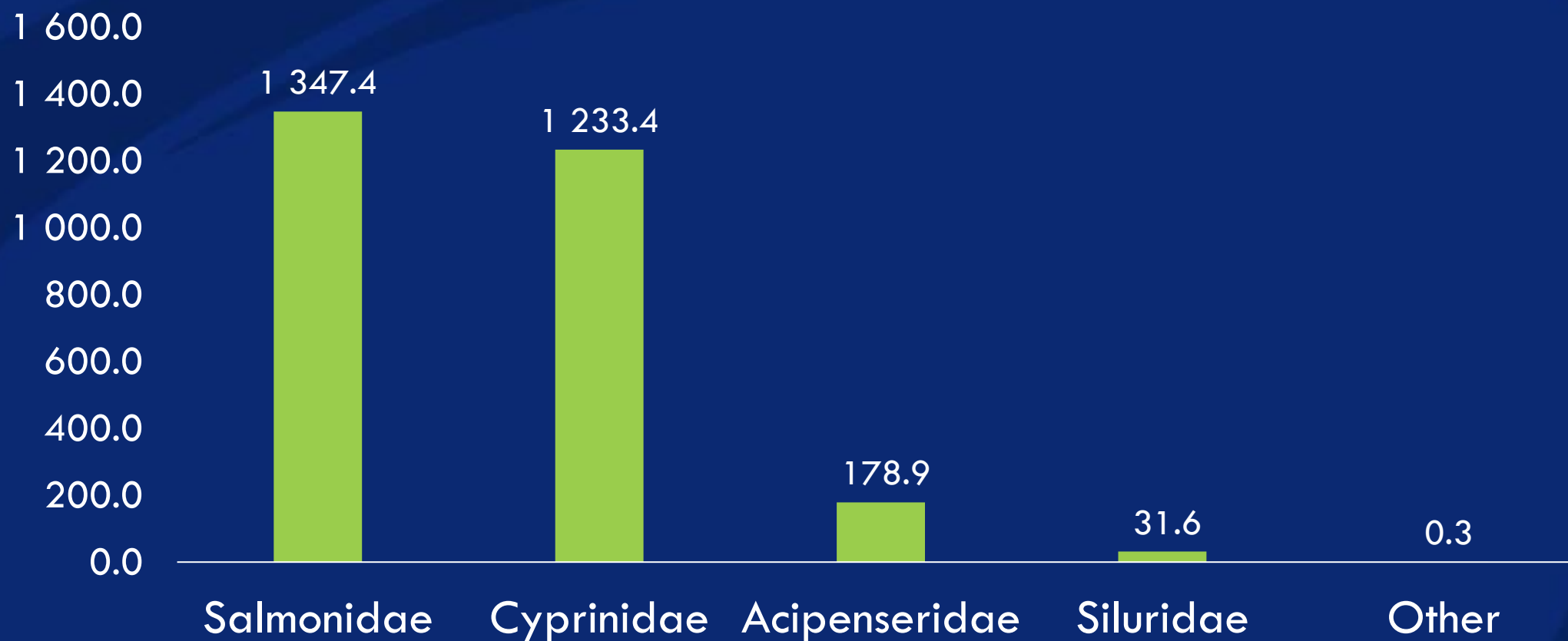






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სტატისტიკის  
აგენტობა

# Fish Production (in tones) by Fish Families in Georgia, 2022





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# State Control for Primary Production

- State Control for Aquaculture and its Products Enterprises 2023
  - 182 farms were inspected

## Supervision in live fish for Malachite Green/Leuco Malachit (primary production)

2022		2023	
Samples	Positive	Samples	Positive
68	25 (37%)	239	31 (13%)



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# State Control for Food Safety

- In 2023, 44 fish samples of 175 were positive for malachite green, taken from retail trade facilities.

2023 survey in BIOR laboratory		
	n=30	Positives
Veterinary drug residues (chloramphenicol, enrofloxacin, ciprofloxacin)		3
Organochlorine pesticides DDT and its metabolites		4
Leucomalachite, Malachite, Diamond Green, Leucocrystal Violet, Crystal Violet		22



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THANK YOU



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საბრუნავი

# Requirements for Aquaculture Products Enterprises

- State Requirements for Business Operators (harmonized with EC 852/2004):
  - Must be registered in the Register of Economic Activities
  - Business operator activities must be admitted by National Food Agency
  - Good hygiene practices (GHP)
  - Good manufacturing practice (GMP)
  - Hazard analysis and critical control point (HASSP) – will be activated in 2021



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# State Control for Food Safety

- The Food Safety State Control is conducted, using 5 mechanisms
  - Inspection - Production process
  - Monitoring - Check the conditions and labeling of aquaculture and their products in retail
  - Supervision
  - Documentary check
  - Sampling - For laboratory control of various residues (contaminants) (EC 96/23)



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# Main Challenges

- Lack of ichthyopathology knowledge in veterinary specialists
- Lack of laboratory capacity
- Lack of awareness of farmers
- Lack of aquaculture animal health higher education programs
- Unregistered aquatic farms
- Sanitary conditions in aquatic farms
- Malachite green prohibited uses



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## Actions for Improvement

- Collaborate with foreign donors to conduct trainings
- Implementation of some disease diagnosis as VHS and IHN
- Awareness raising activities are underway
- Lack of aquaculture animal health higher education programs
- Unregistered aquatic farms
- Sanitary situation in aquatic farms
- Malachite green prohibited uses





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- REVIEW OF FISHERIES AND AQUACULTURE DEVELOPMENT POTENTIALS IN GEORGIA (FAO Fisheries and Aquaculture Circular No. 1055/1 REU/C1055/1)
- National Food Agency