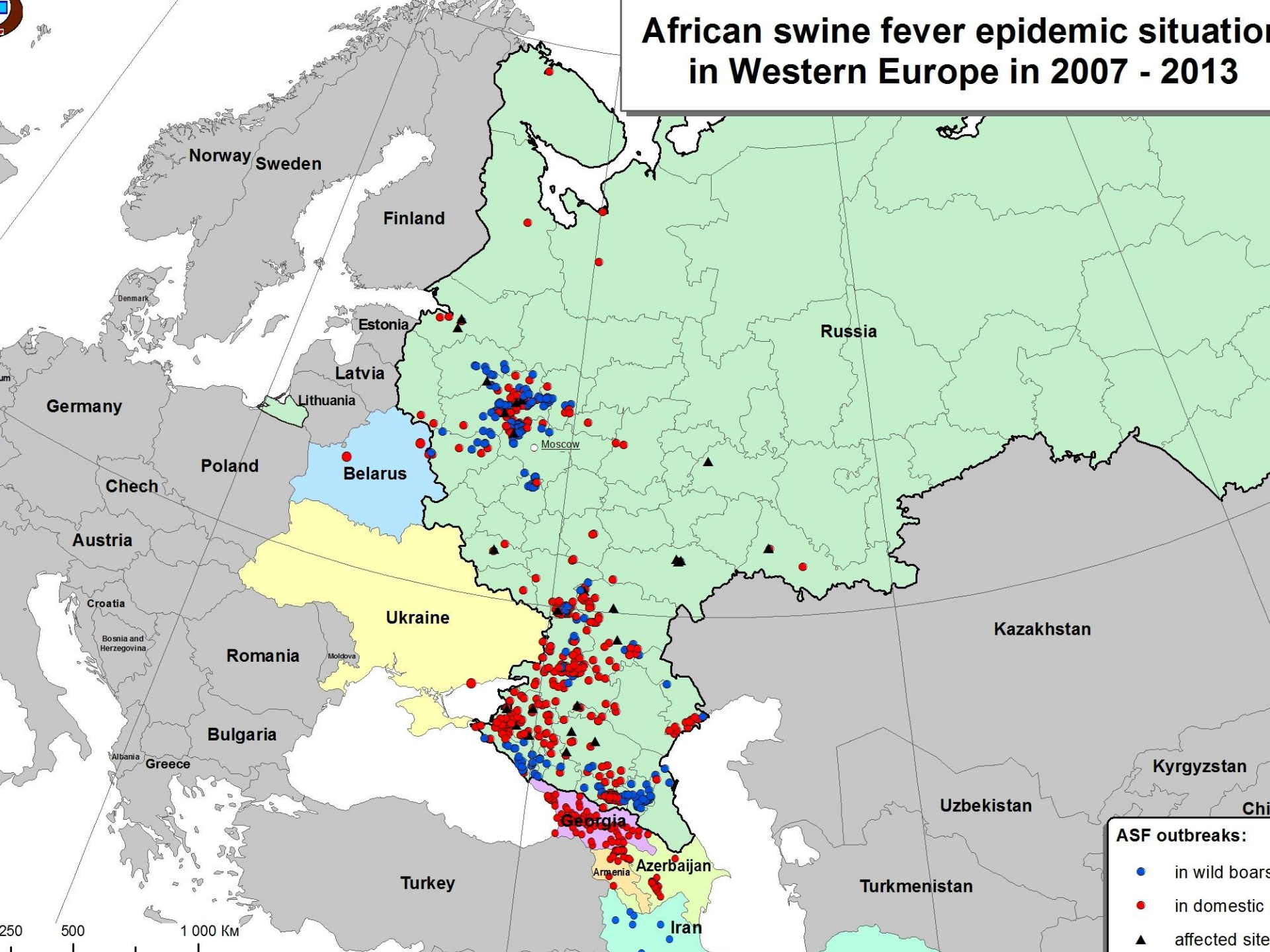


ASF epidemic situation, prevention and control of ASF in Russia

RF Chief Veterinary Officer

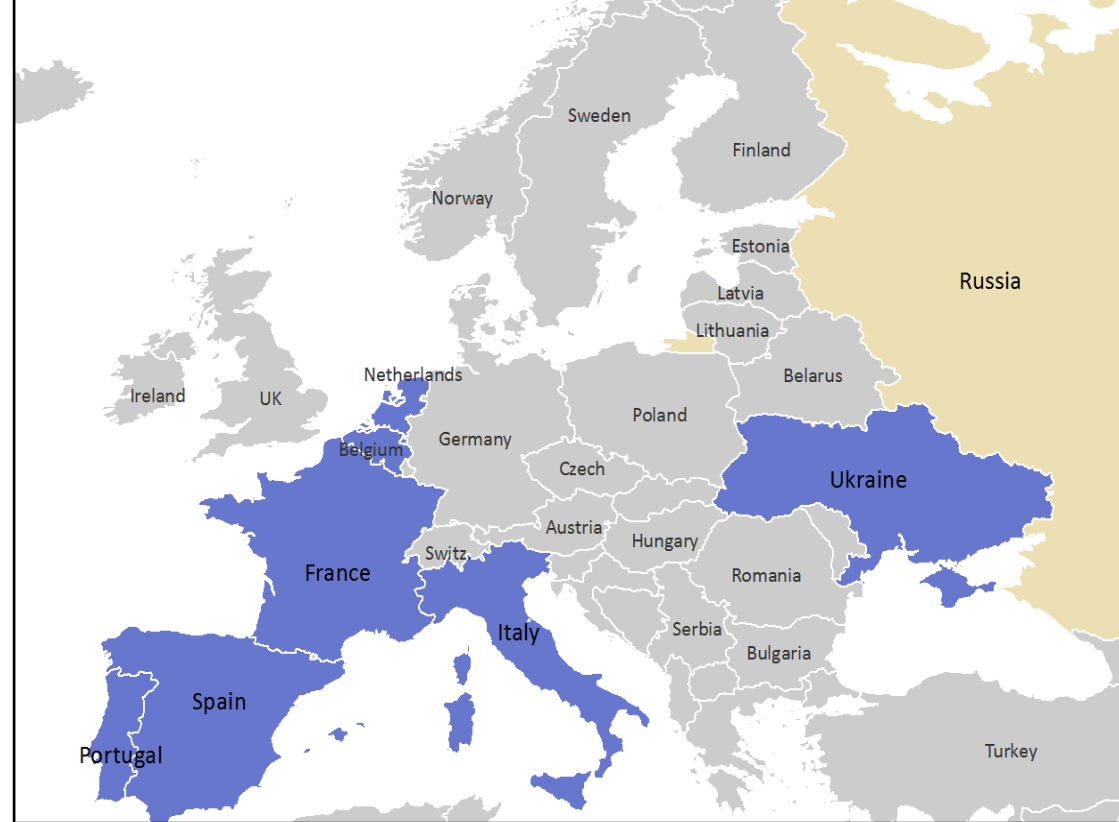
Yevgeny A. Nepoklonov

African swine fever epidemic situation in Western Europe in 2007 - 2013



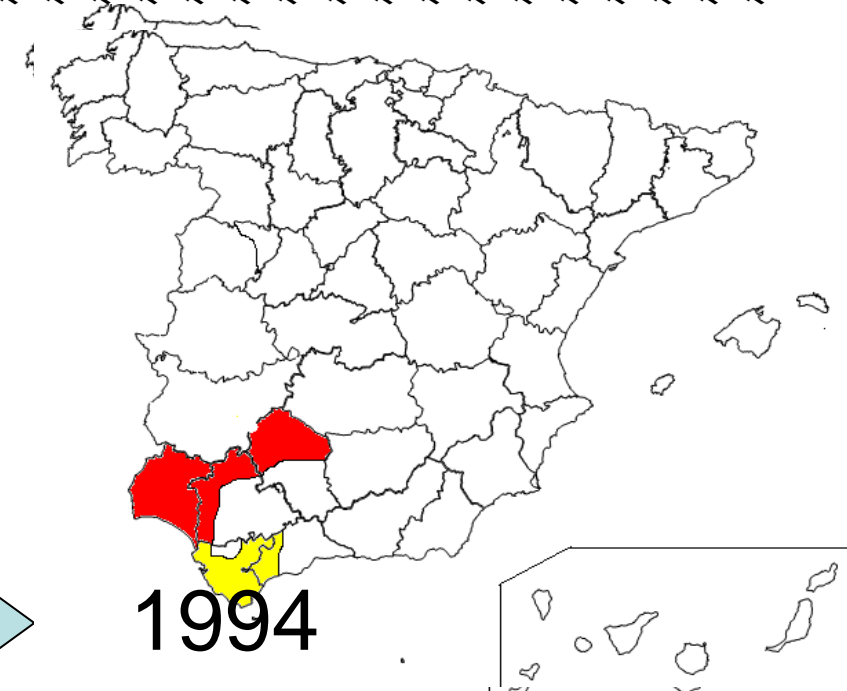
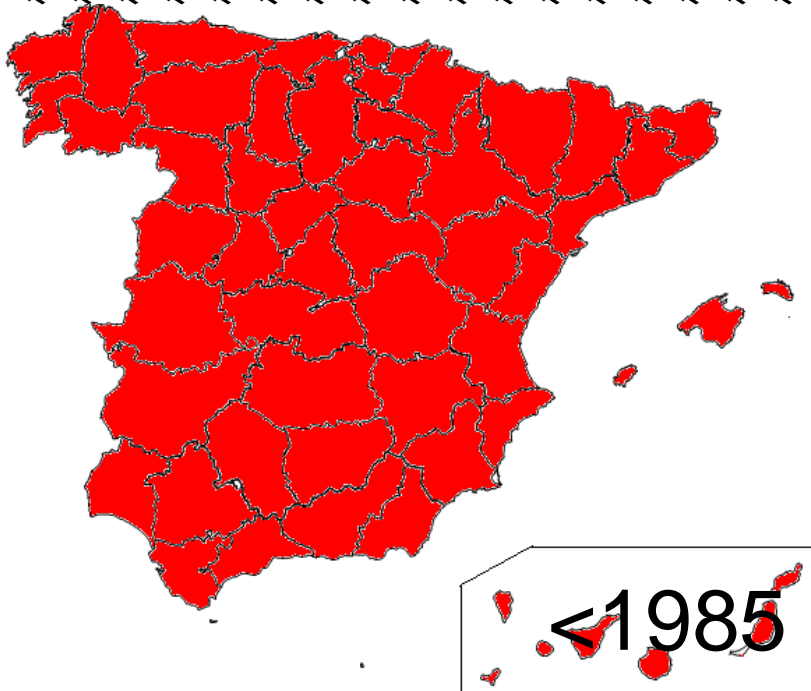
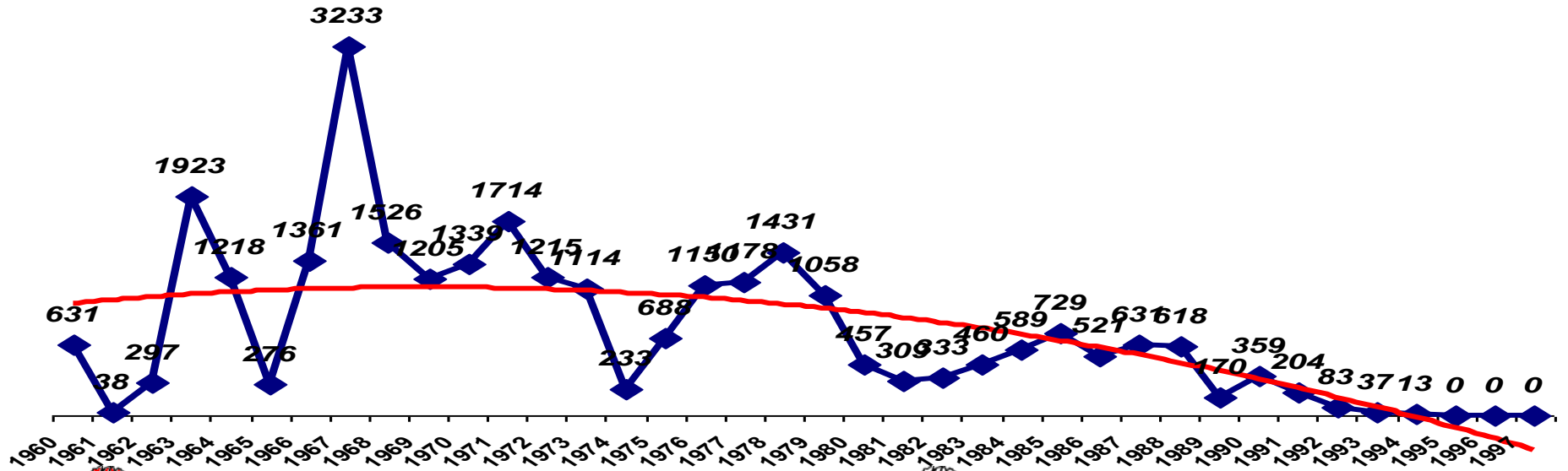


ASF outbreaks in the Europe and America 1957 - 1999



Brazil 1978 - 1979	Belgium 1985	Portugal 1957 - 1999
Cuba 1971 - 1980	France 1964 - 1974	Spain 1960 - 1978
Dominican Republic 1978 - 1980	The Netherlands 1986	
Haiti 1978 - 1980	Italy 1967 - 1978 Sardinia endemic from 1967	USSR 1977

ASF eradication in Spain



<1985 →

1994

ASF epidemic situation in the endemic areas* of the Russian Federation

'Northern' endemic area

The first reported case - April 2011
Total **160** cases from 04.2011 to 09.2013.
Of which: **51** (32%) cases in domestic pigs;
103 (65%) cases in wild boars
6 (3%) affected sites

Regions: Tverskaya obl., Novgorodskaya obl., Smolenskaya obl.,
Yaroslavskaia obl., Moskovskaya obl., Tulskaia obl.,
Vladimirskaia obl., Pskovskaya obl.

Out-of-endemic 'remote' cases

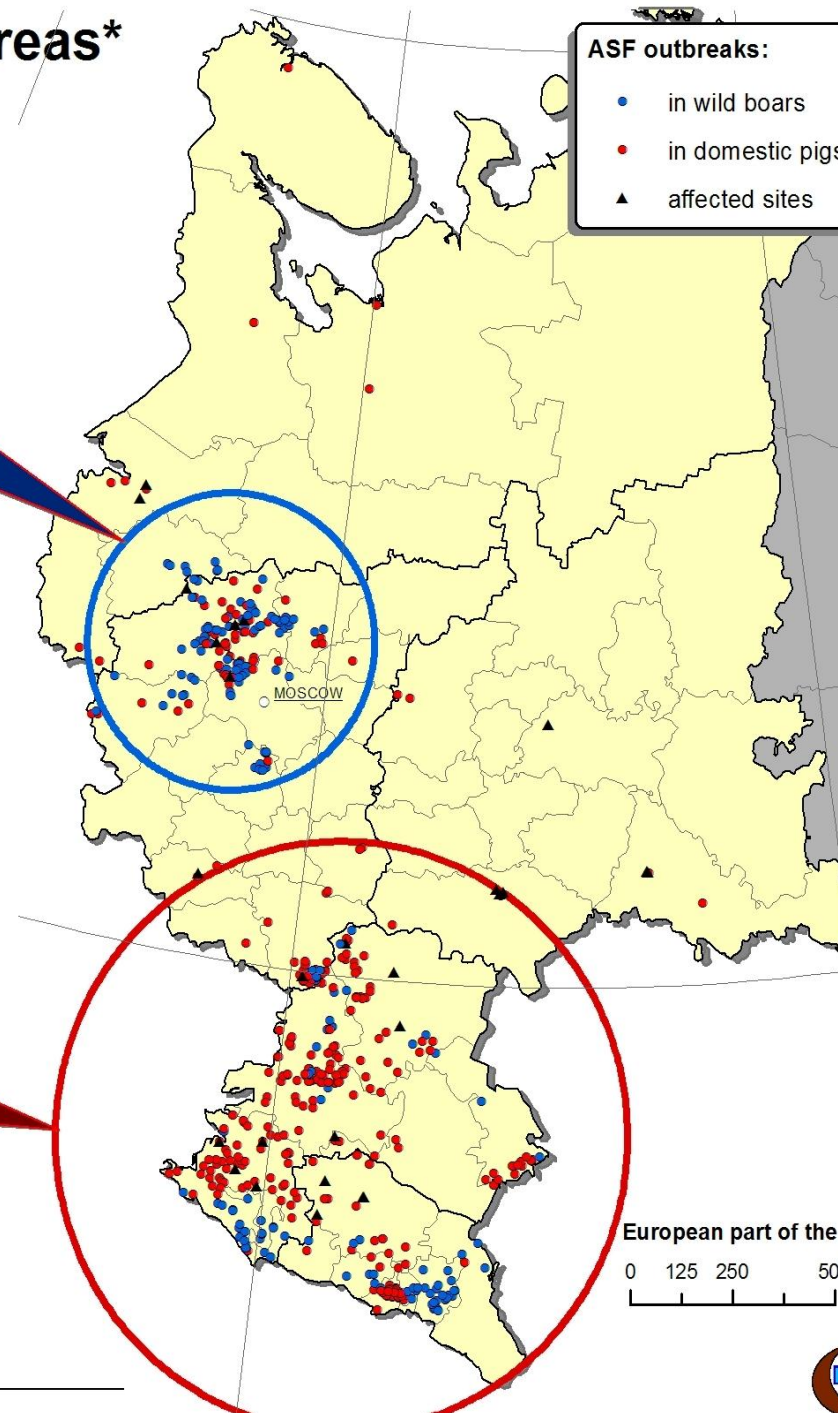
The first reported case - July 2008
Total **30** cases from 07.2008 to 09.2013.
Of which: **17** (71%) cases in domestic pigs;
1 (4%) cases in wild boars;
6 (25%) - affected sites

Regions: Orenburgskaya obl., Saratovskaya obl.,
Voronezhskaya obl., Kurskaya obl., Tulskaia obl.,
Nizhegorodskaya obl., R.Tatarstan,
Ivanovskaya obl., R.Kareliya,
Arkhangelskaya obl., Murmanskaya obl.

'Southern' endemic area

The first reported case - November 2007
Total **368** cases from 11.2007 to 09.2013.
Of which: **261** (71%) cases in domestic pigs;
91 (25%) cases in wild boars;
16 (4%) affected sites

Regions: R.Chechnya, R.Ingushetiya, R.Dagestan,
R. Karachaevo-Cherkesiya, R.North Ossetia,
R.Kabardino-Balkaria, R.Adygeya, R.Kalmykiya
Stavropolsky kraj, Krasnodarsky kraj,
Astrakhanskaya obl., Volgogradskaya obl.,
Rostovskaya obl.

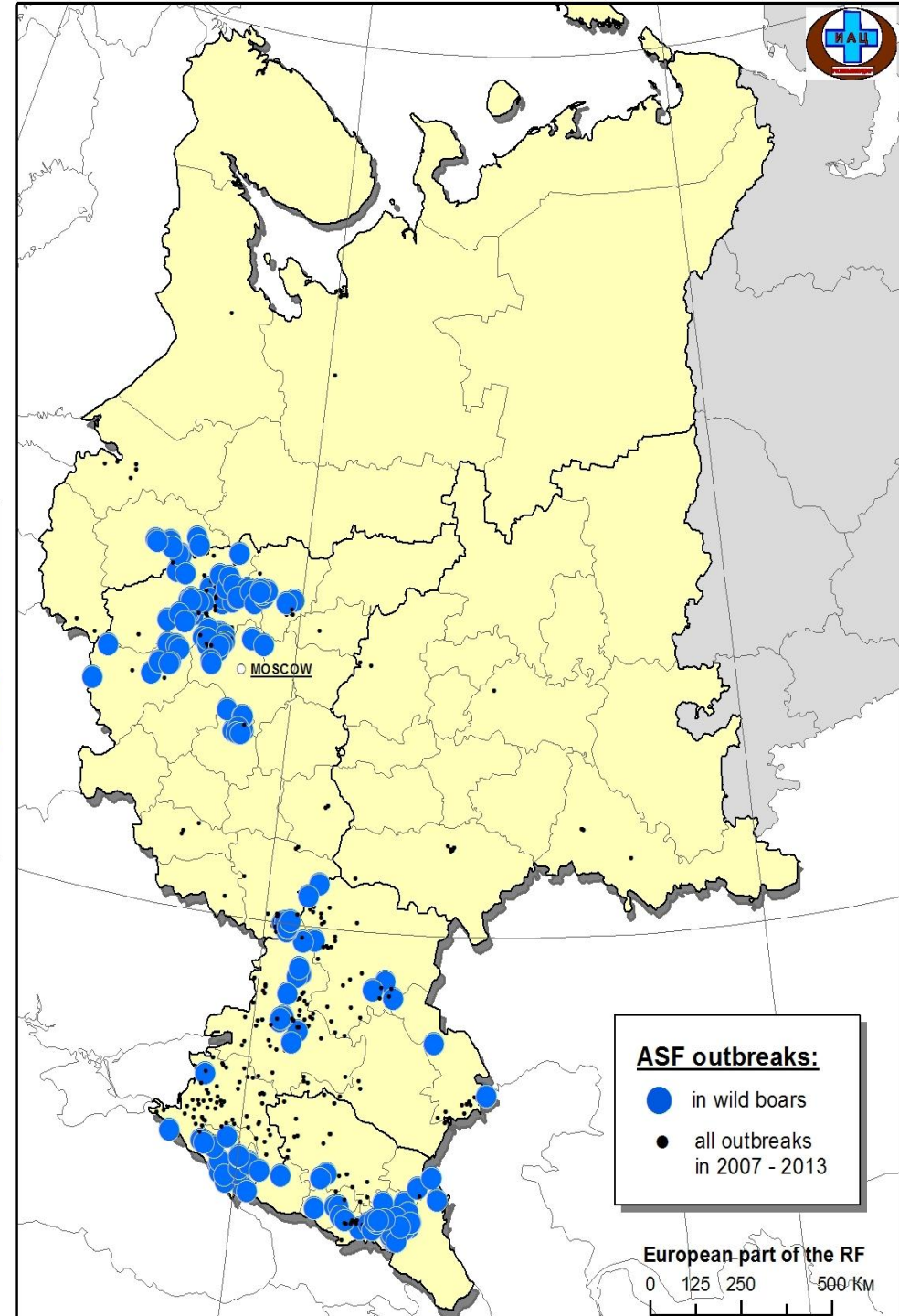
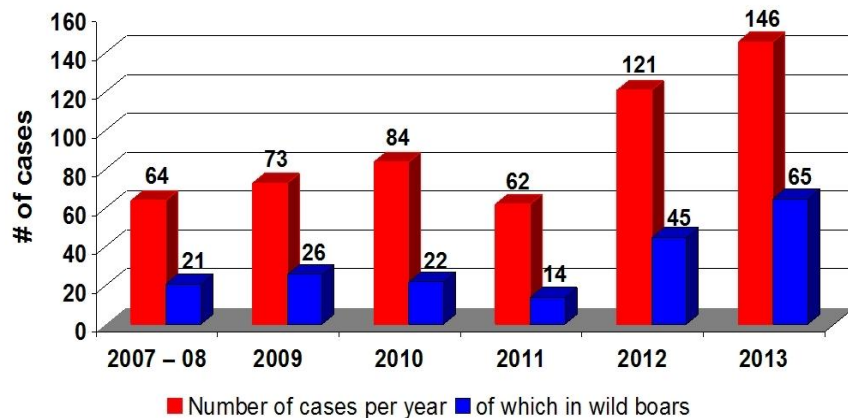


*the endemic areas' borders are defined by means of Standard Distance tool (ArcGIS, Esri)

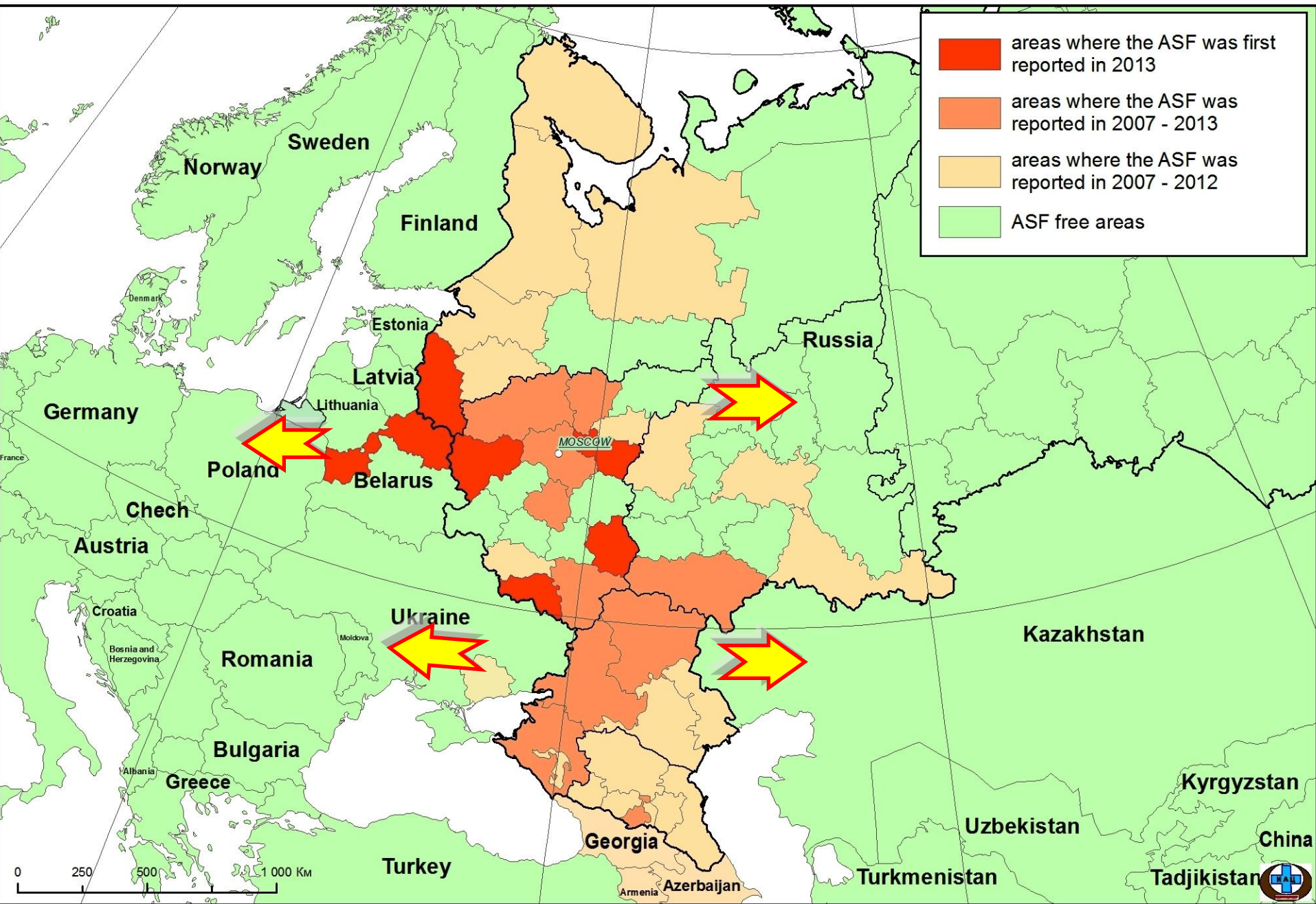
ASF endemic situation in wild boars in the Russian Federation in 2007 - 2013

N = 195 as of 01.10.2013

	2007 - 08	2009	2010	2011	2012	2013
Number of cases per year	64	73	84	62	121	146
of which in wild boars	21	26	22	14	45	65
% of wild boars cases	32	35	25	23	37	44

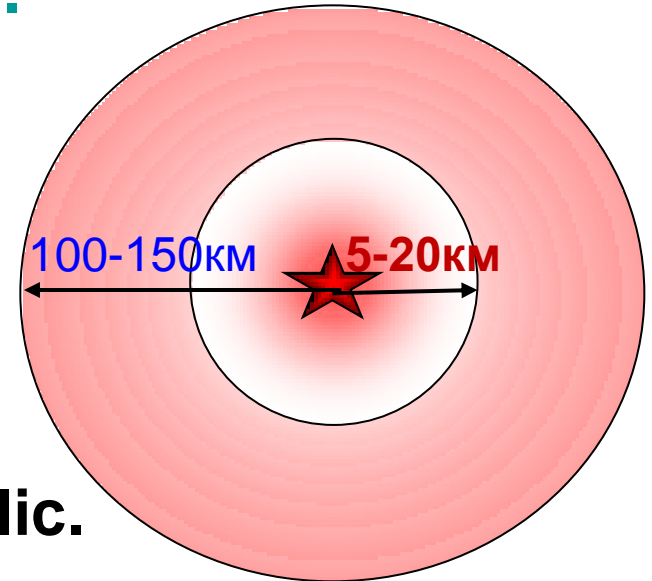


ASF spread tendency

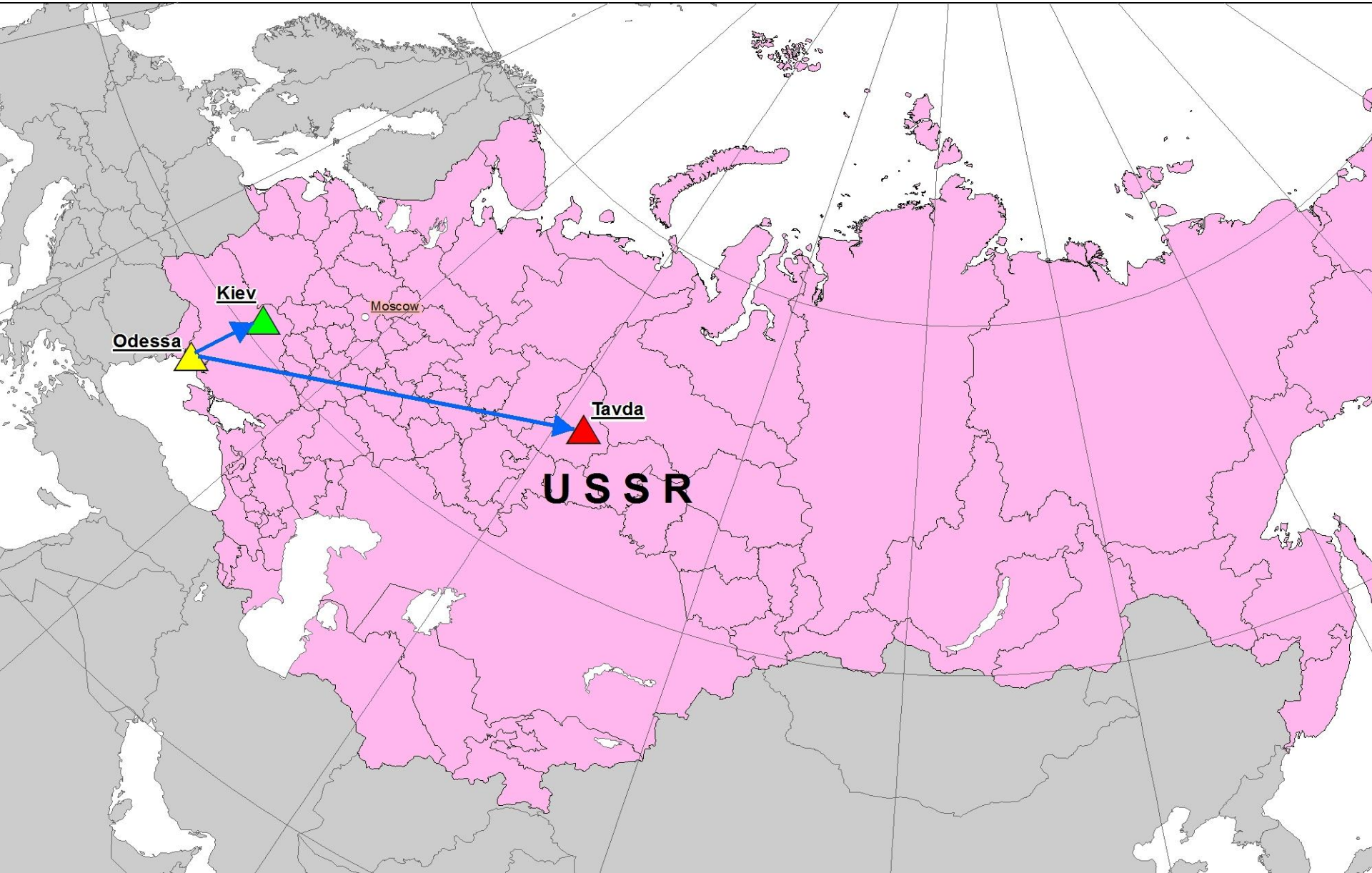


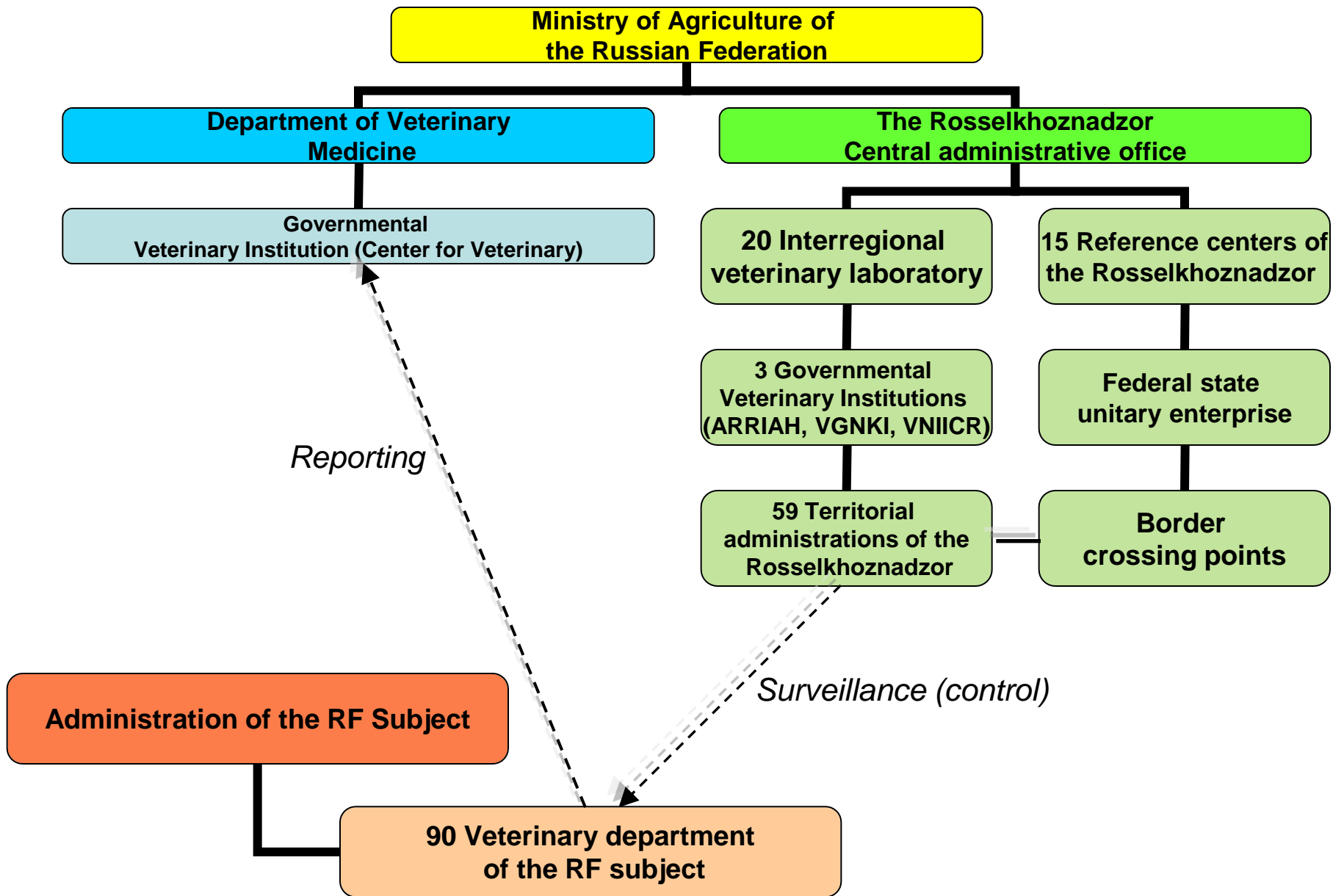
«Statement on ASF prevention and eradication», USSR Ministry of Agriculture, 21.11.1980.

- **Mandatory notification;**
Registration of pig population;
Quarantine;
Stamping Out;
Cleaning and disinfection;
Restrictive measures;
Passive surveillance;
Informing the owners and the public.



ASF introduction into the USSR territory, 1977
(Primary outbreak – Odessa, secondary outbreak – 455 km, tertiary outbreak – 2 600 km)





Major barriers for successful ASF eradication

- Fragmentation of the national veterinary service along with decentralization of mandate;
- Inadequacy of veterinary legal basis;
- A large number of susceptible animals are kept on small farms with low biosafety level;
- The agent circulates in wild animal populations.

Rosselkhoznadzor proposals on ASF and CSF control in the European countries

Fastness of transboundary movements of animals and animal products require joint electronic systems to trace animal and animal products movements.

In order to respond adequately to emerging risks veterinary services of different countries should be of similar structure.

Thank you for your attention!

Europe

