

EUROPE-INBO 2010
23 September - Megeve

State of Belarus
Trans-boundary Rivers
and Problems

Mikhail Kalinin

Member of NWO EECCA Board of Directors,
Belarus

Трансграничные бассейны рек Республики Беларусь



Источник: ЦНИИКИВР (2003)

The territory of Belarus is a watershed for the Baltic and Black Sea Basins.

The country has a large number of aquatic ecosystems, including rivers (around 21000), lakes (11000), water storage reservoirs (153) and ponds (1 500).

The largest five rivers in the Republic are trans-boundary.

Main Problems

- Improvement of water quality
 - Monitoring network
 - Wastewater treatment facilities
- Implementation of Integrated Basin Management Plans
- Absence of national and inter-state water management commissions

Monitoring system



There are 125 hydrological monitoring stations operate on rivers, including 37 at the rivers bordering with Russia, Poland, Ukraine, Lithuania, Latvia

•Dniiper river basin

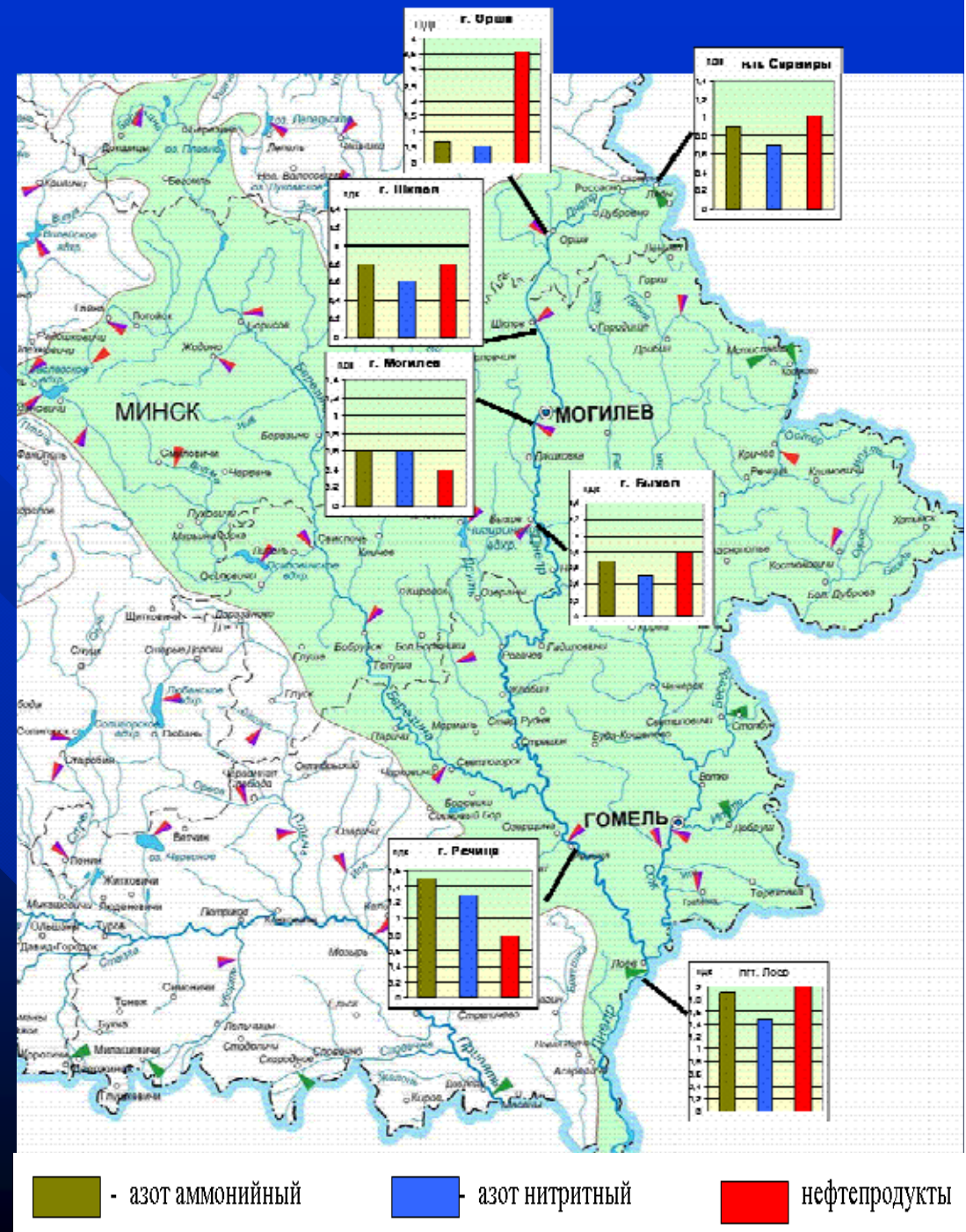
- is the largest trans-boundary in the country

- 71 Monitoring stations on water quality in the Basin are operating in 24 water bodies (19 rivers, 4 reservoirs and 1 lake), including 6 trans-boundary tributaries flowing from the Russian Federation.

Dniپر river basin

• In order to assess the state of Dniپر basin, including level of pollution, more than 700 surface water samples are taking and around 28 000 hydro-chemical analysis conducting annually.

• The result of analysis indicates overall improvement of the water quality

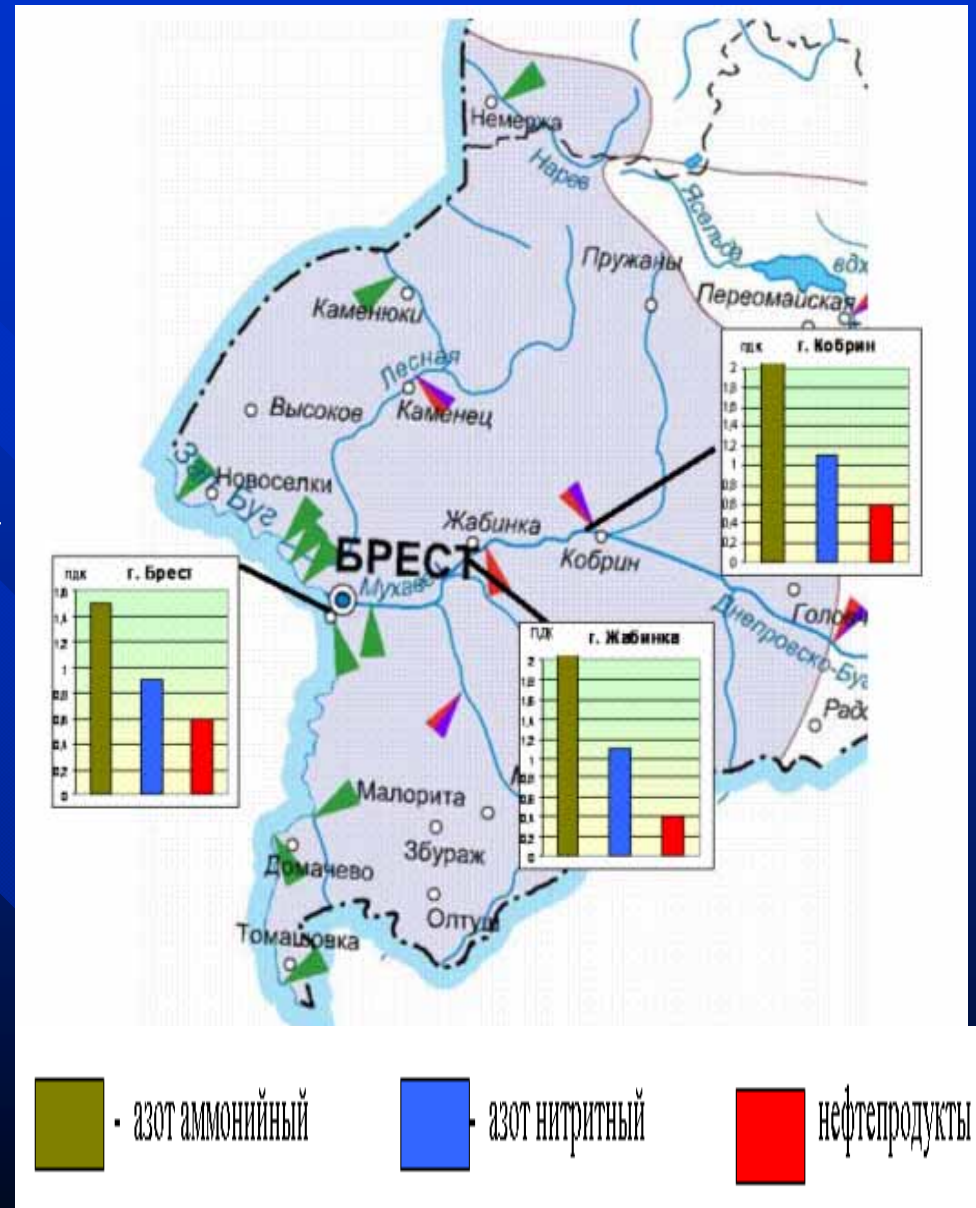


**Monitoring network for other basins can be observed
on the slides presented below**

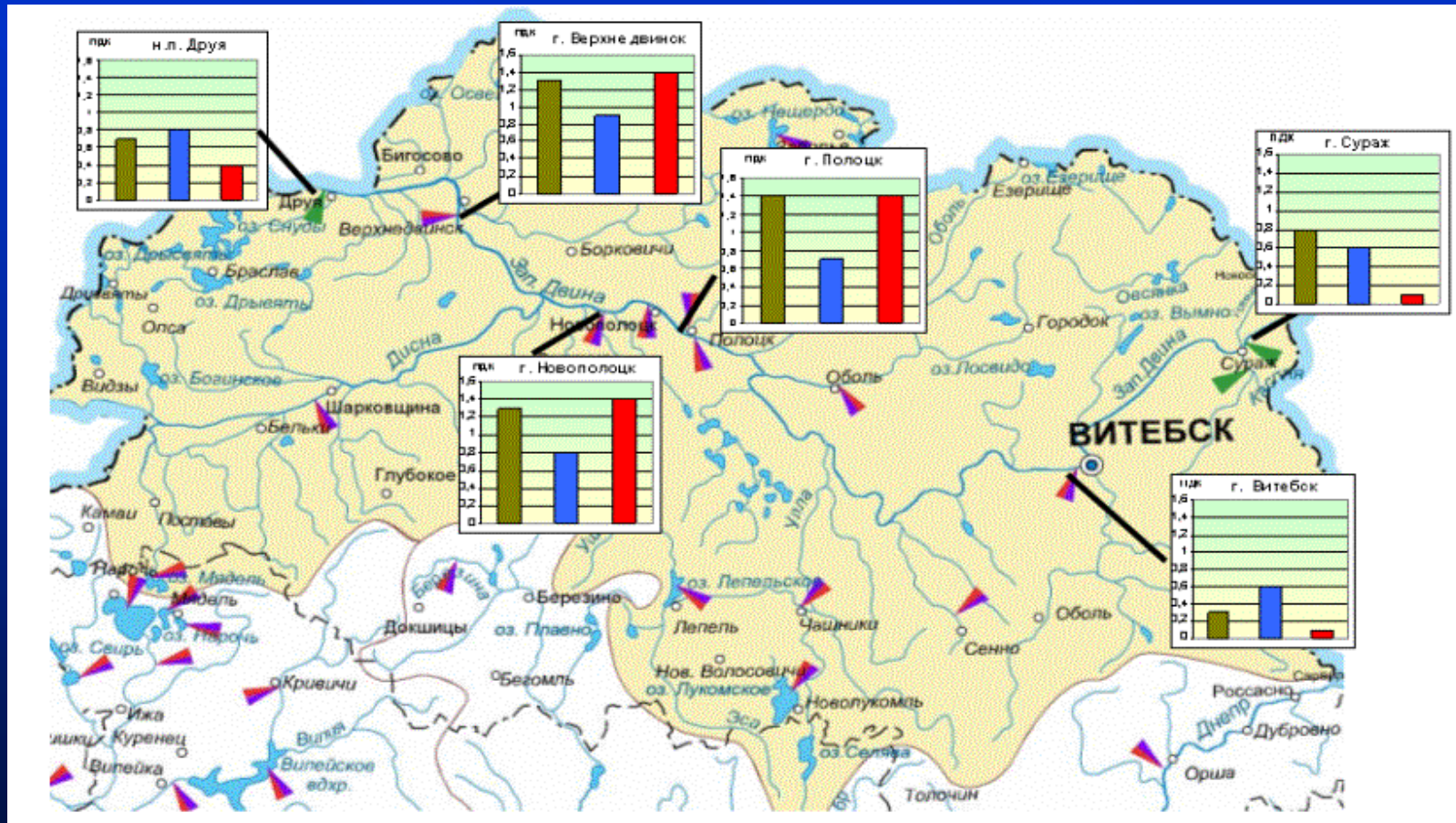



Bug River Basin


- 18 monitoring stations.
- 200 water samples annually
- 7 000 hydro-chemical analysis




West Dvina River



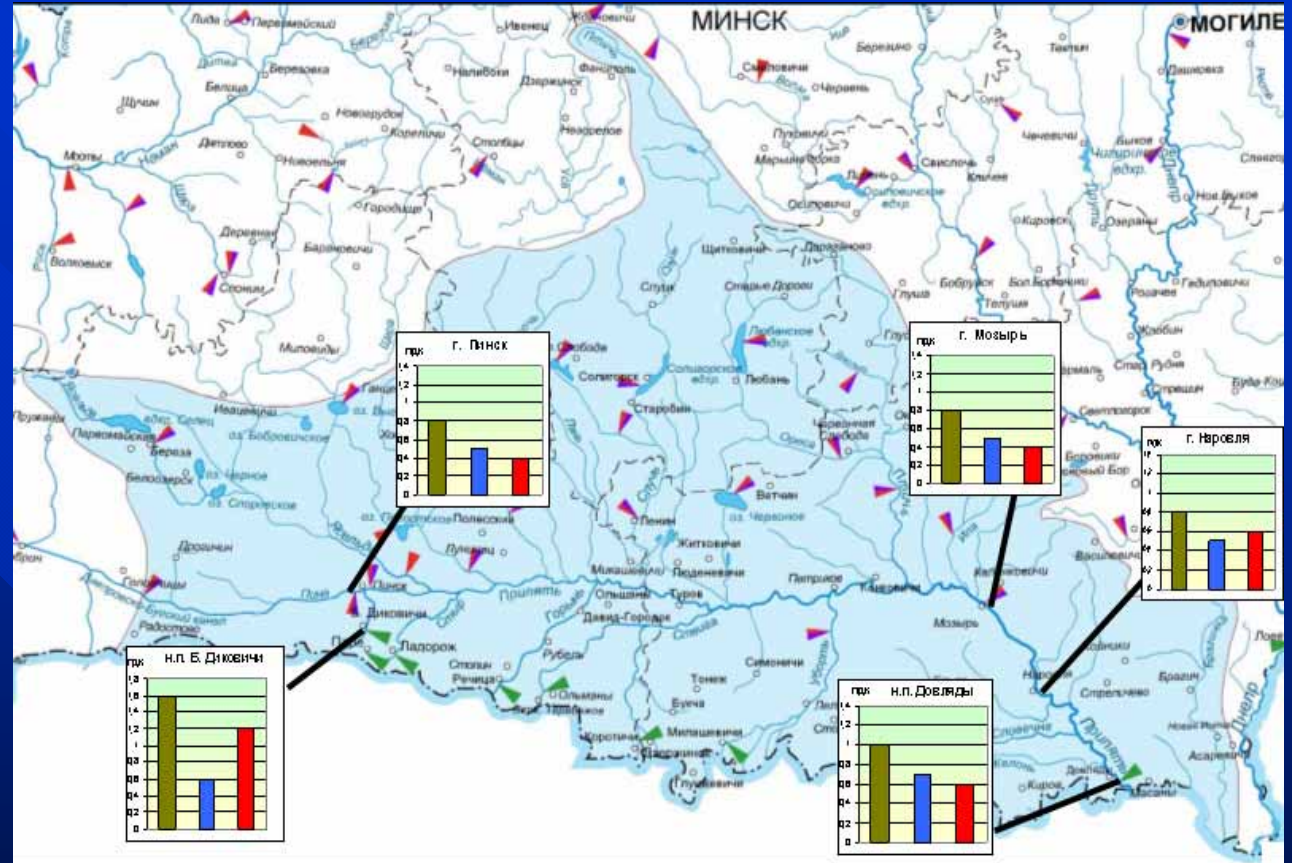
 - азот аммонийный

 - азот нитритный

 - нефтепродукты

Pripyat River Basin

- 38 observation stations
- 300 water samples annually
- 11 000 hydro-chemical analysis



- азот аммонийный



- азот нитритный



- нефтепродукты

General situation

Only 10 % of total river runoff is in use

Although all large cities in the Republic are equipped with waste water treatment plants, some of them are old and need to be modernized.

Quantity of non-treated wastewater discharge into surface water sources has been steadily decreasing since 1995.





There are no river commissions created in Belarus, however there are several bilateral inter-ministerial Agreements and Trans-boundary Working Groups created.

Basin management plans developed within the frame of international projects are not in use.

The Scheme of “Complex Use of Water Resources” for the river Neman is currently under elaboration.

“The National Strategy for Water Resources Use” was approved in 2010.

Implementation of the strategy will allow to considerably improve quality of trans-boundary waters.



- More useful information can be found on www.cricuwr.by
- [*kamu@tut.by*](mailto:kamu@tut.by)
- Thank you for your attention