

Arctic conservation in Russia

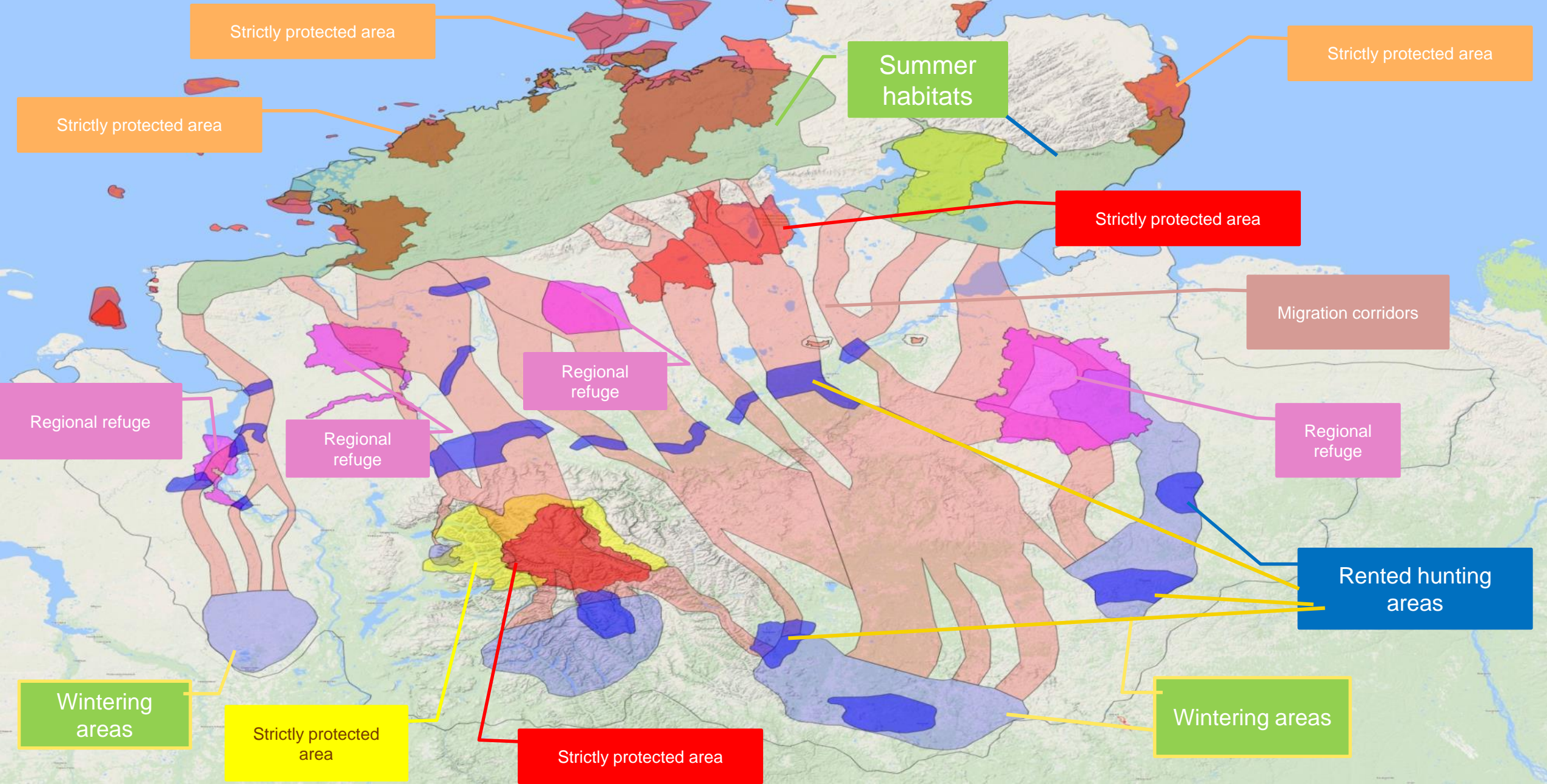
Irina Onufrenya
WWR-Russia





Taimyr Wild reindeer

LANDUSE IN THE AREA OF TAYMYR POPULATION



Taimyr Wild Reindeer

Critical decrease number from 800,000 to 300,000 animals

- Poaching
- Climate change
- Industrial development

- Satellite monitoring of the population
- Design of a unified monitoring and protection program
- Increase in number of full-time state wildlife inspectors
- Anti-poaching raids
- PAs creation
- Work with industry
- Work with local communities



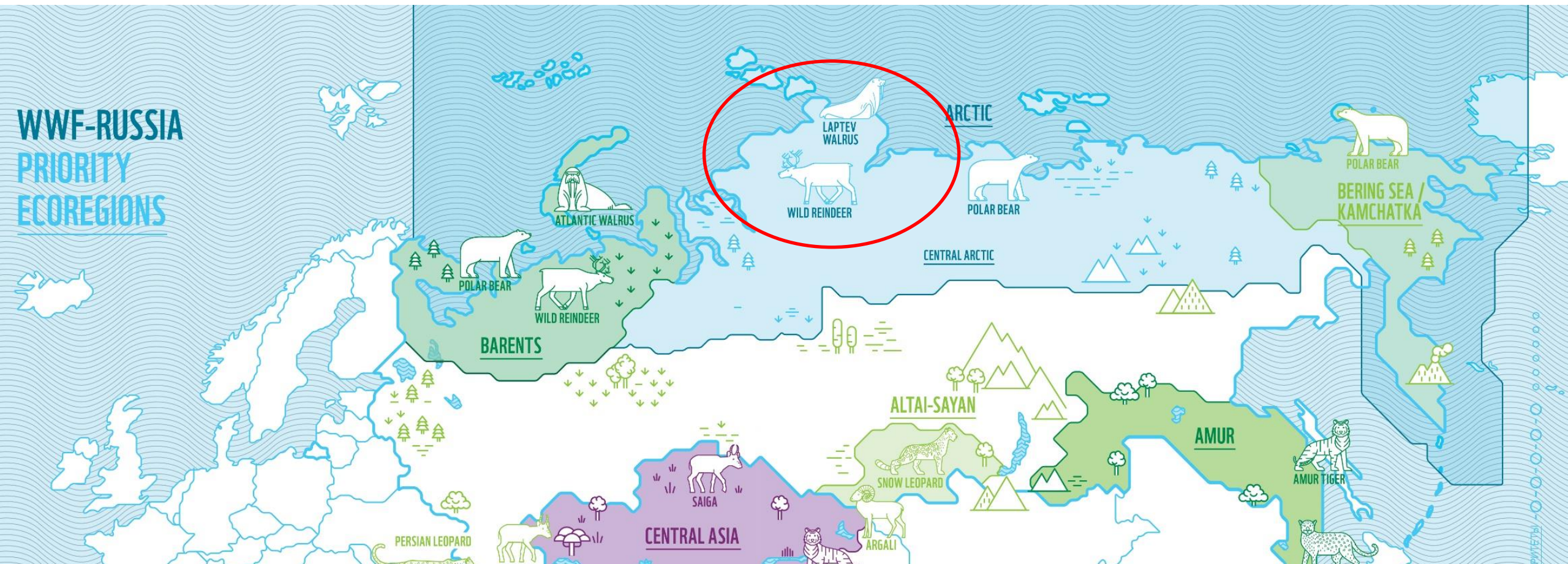
Work on the ground



Reindeer
Polar bear
Walrus
Whales

Protected areas
Business
Scientists

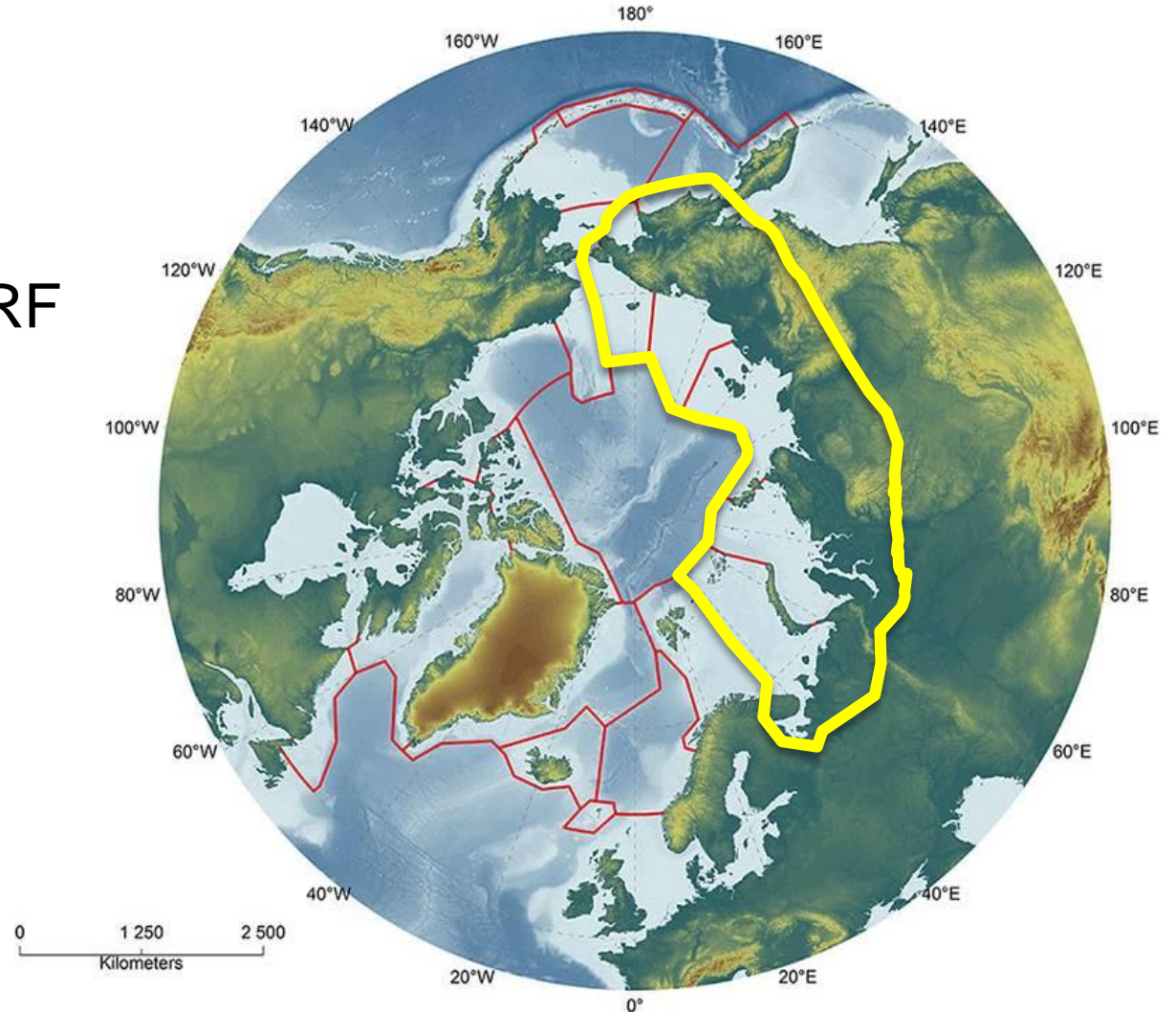
Federal government
Regional governments
Local communities



Russian Arctic



- ❖ 11 times zones
- ❖ the total area ~ 3 million sq. km.
- ❖ 18% of the entire territory of the RF including 2.2 million sq. km of land
- ❖ ~2.4 million people.



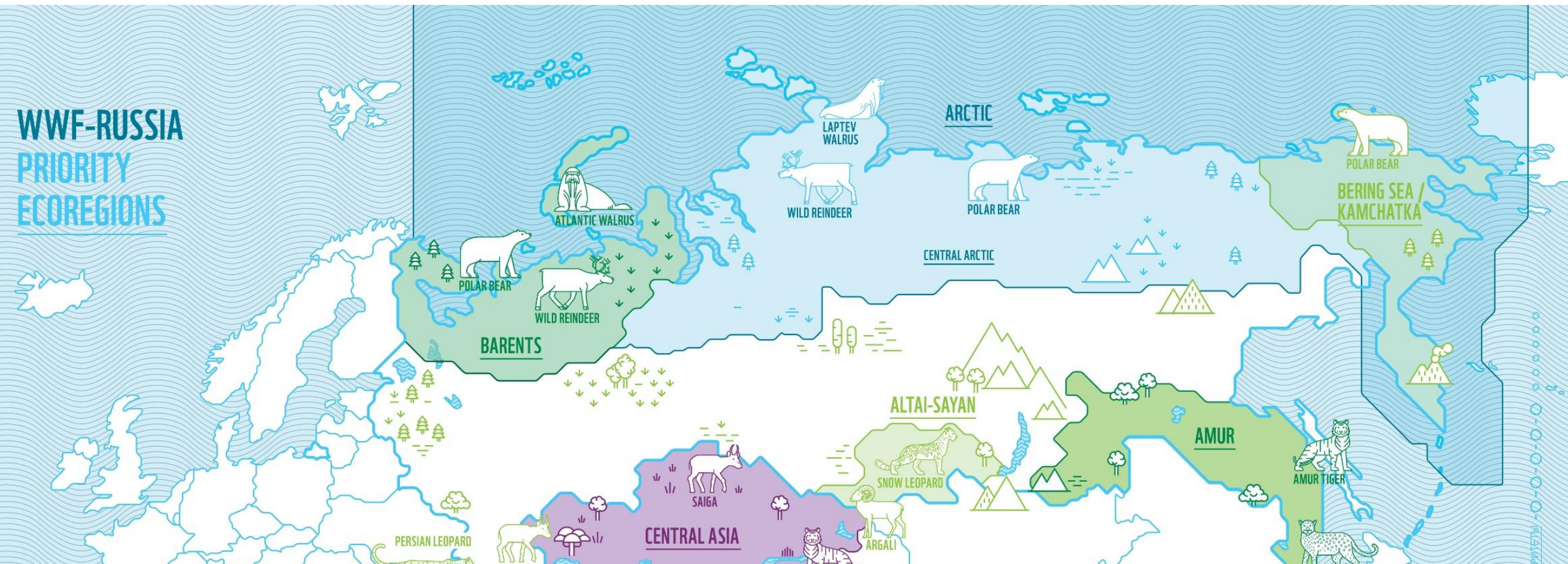
Systematic conservation planning in Russian Arctic

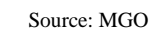
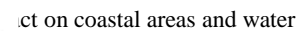
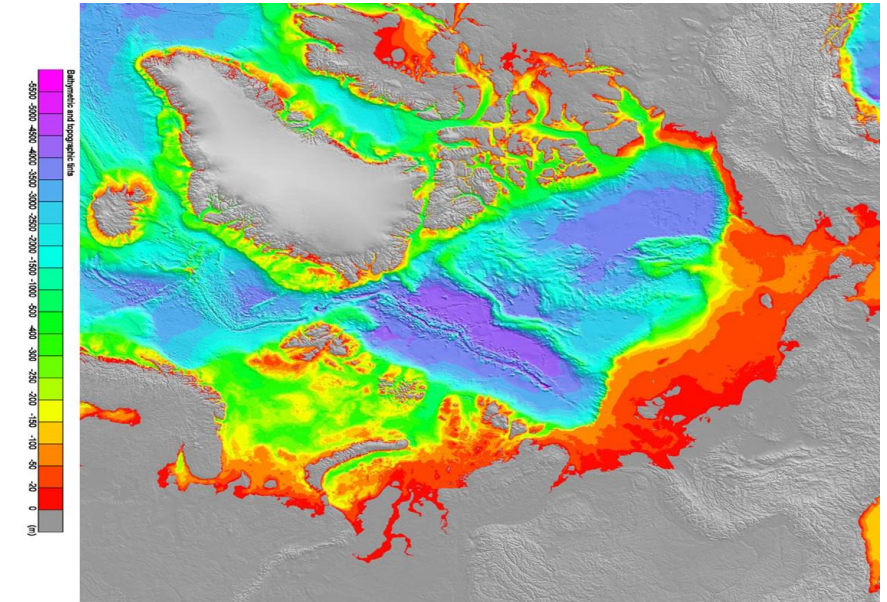
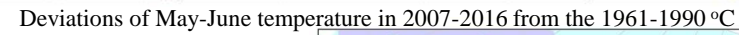


Climate change,
Biological diversity
Economic development
Indigenous population
Landscapes and Seascapes

integrated assessment

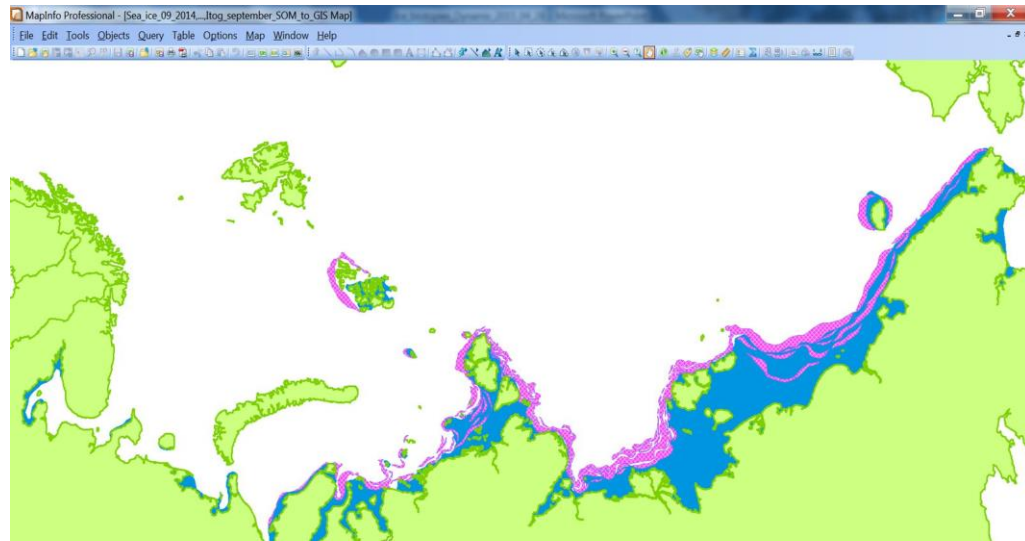
new PA system



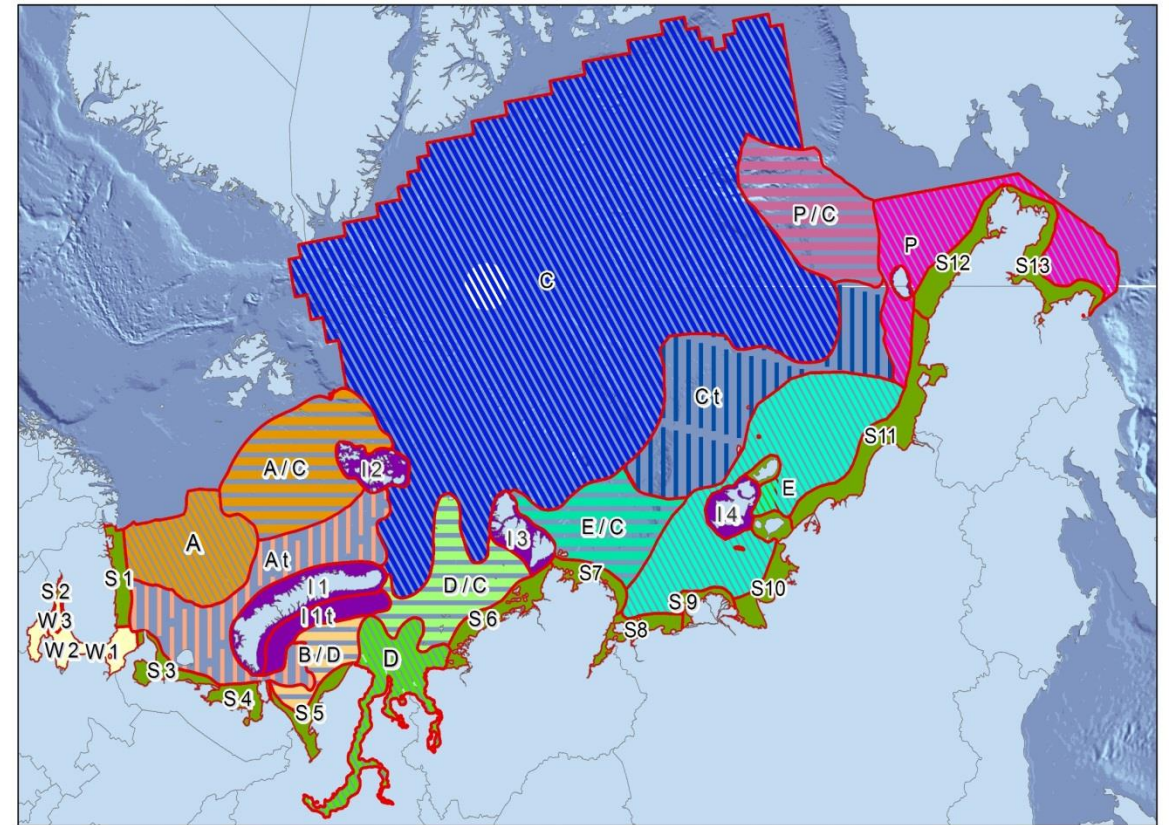


Climate change intensity in different parts of the Russian Arctic.

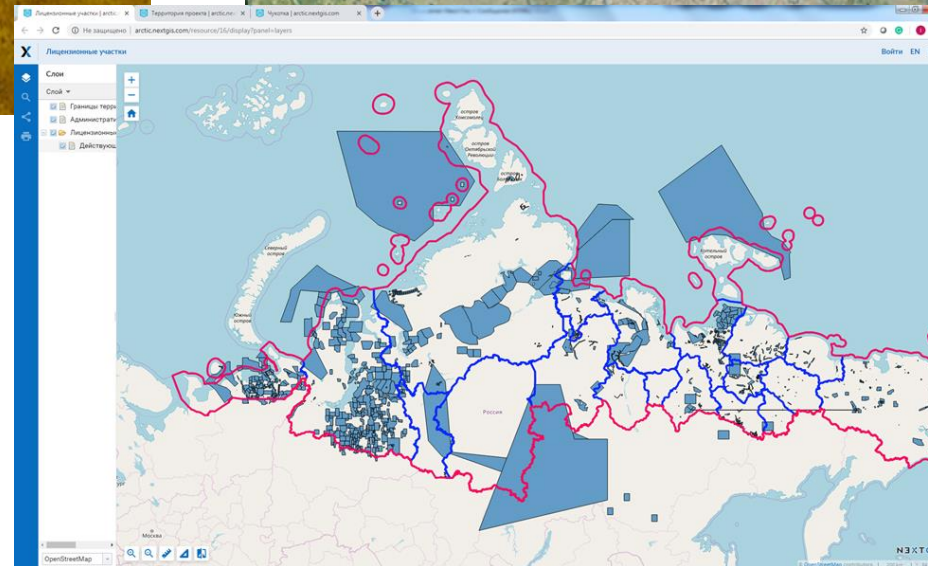
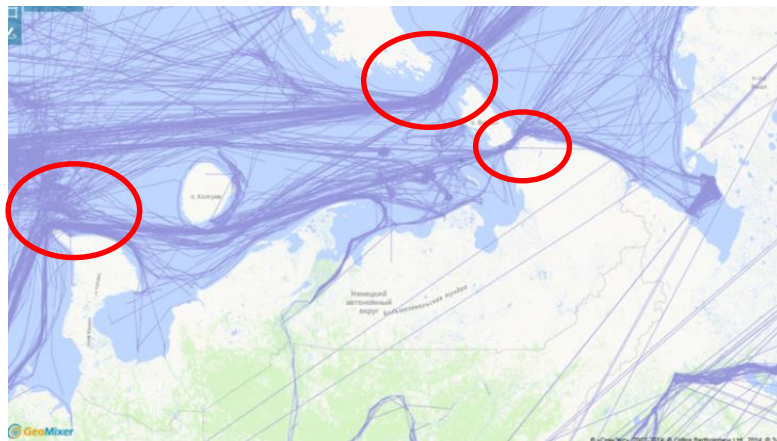
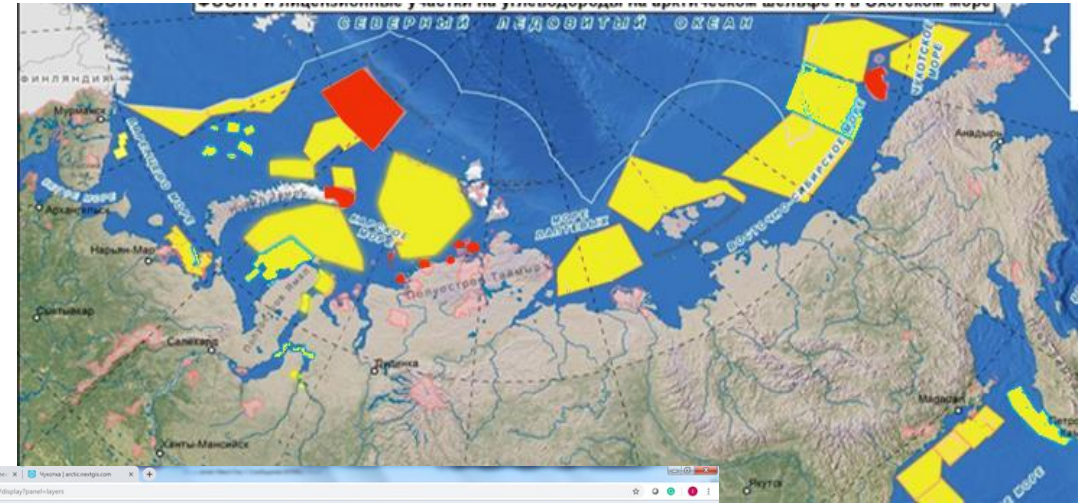
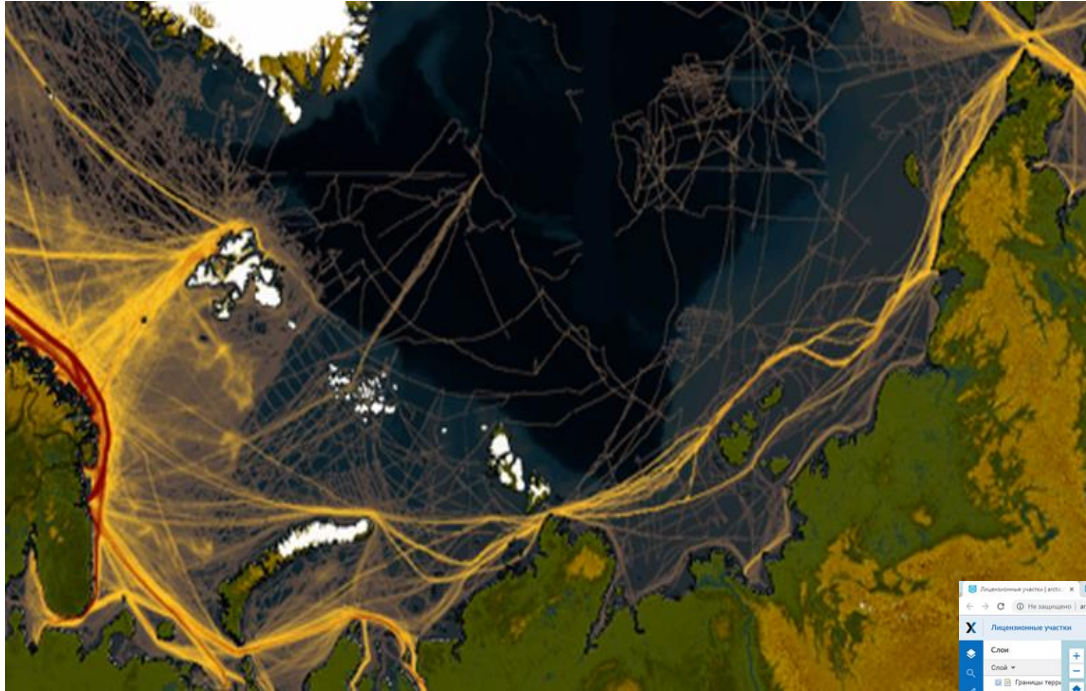
Assessment of the biological diversity landscapes and seascapes



Zoom: 5 540 000



Economic development

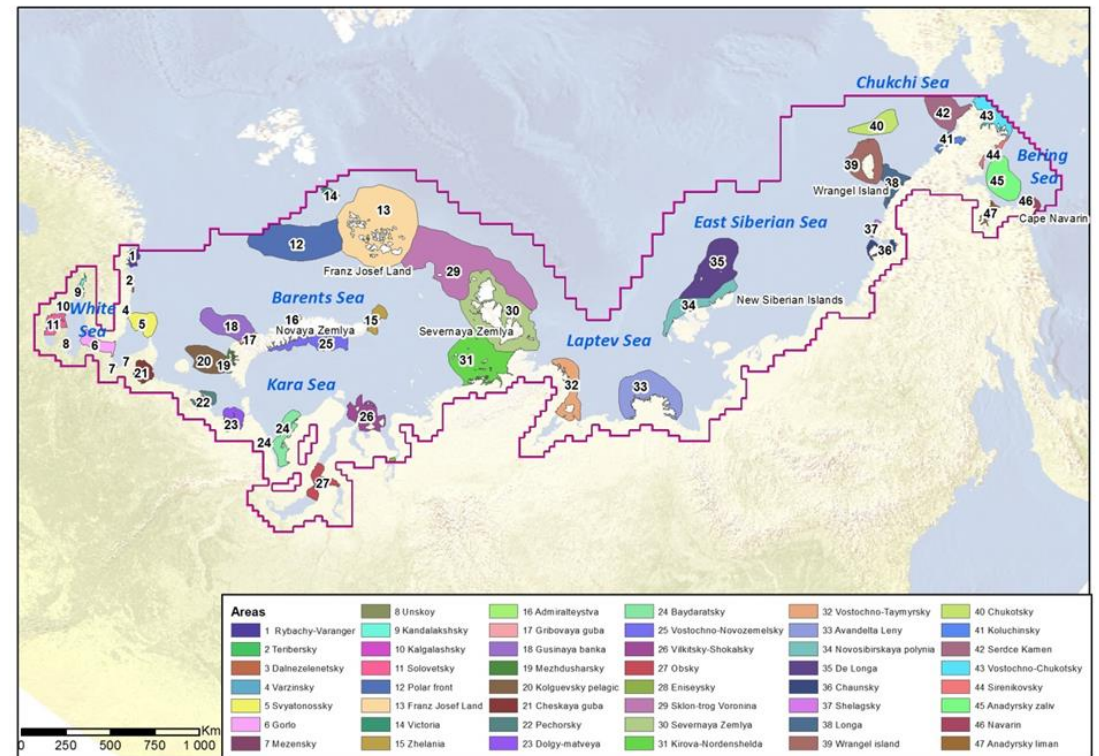


Priority conservation areas



- 47 new MPAs
- 25% of EEZ of RF

- 376 new terrestrial PAs
- 26% of Arctic terrestrial zone



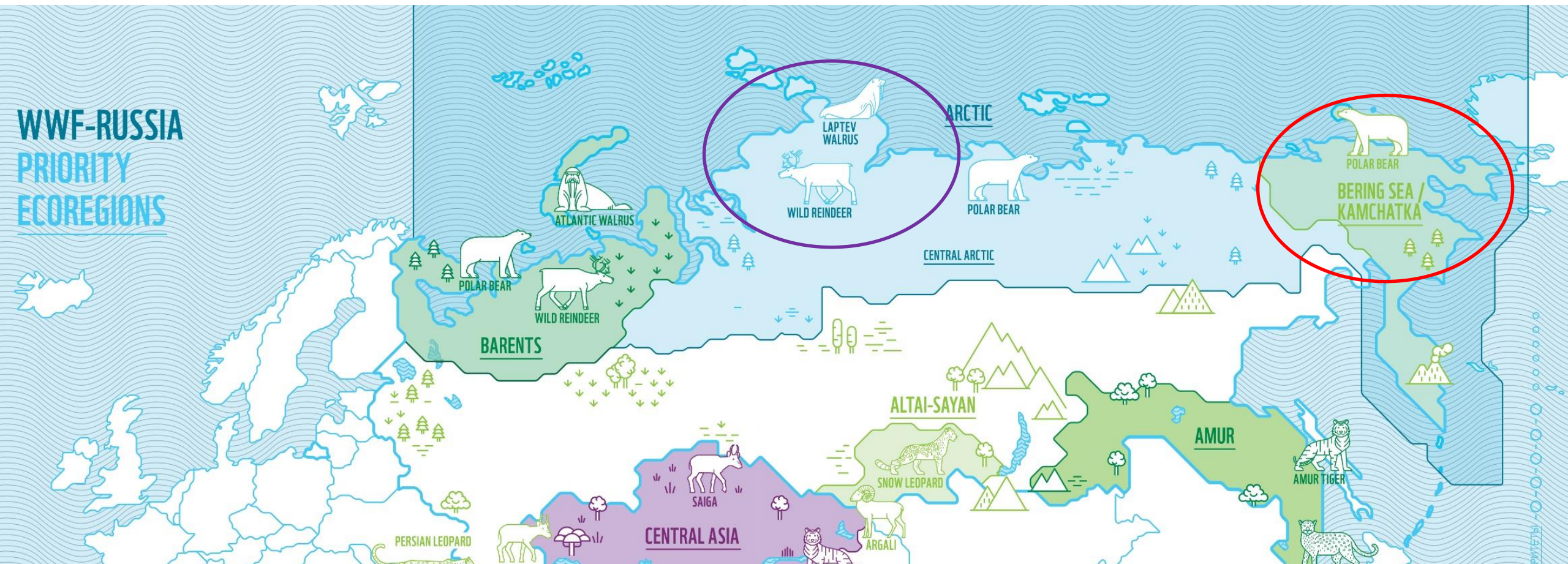
Work on the ground



Reindeer
Polar bear
Walrus
Whales

Protected areas
Business
Scientists

Federal government
Regional governments
Local communities



Chukotka



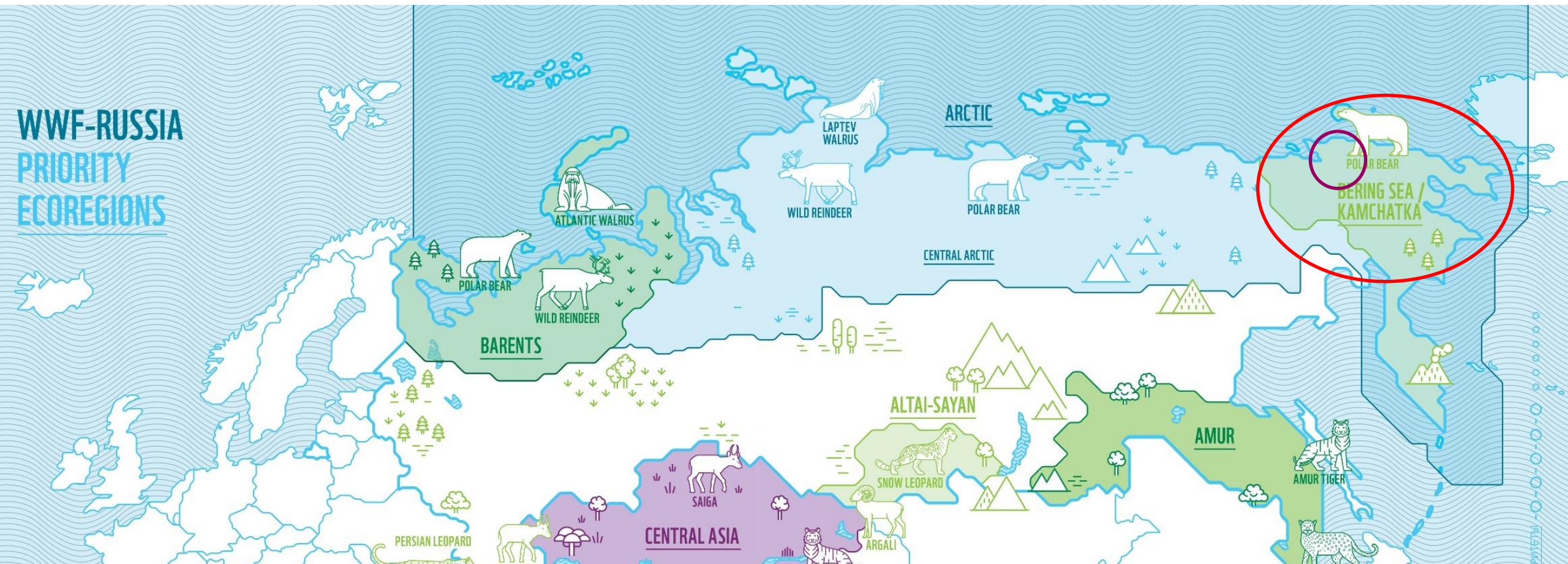
Work on the ground



Polar bear

Protected areas
Scientists

Regional governments
Local communities



Polar Bear

Habitat loss

- Climate change
- Industrial development
- Conflicts with people
- Poaching

- Work with Regional and Federal Governments
- Local communities (Polar bear patrols)
- Scientist
- New technologies for research and reduce conflicts



Local communities



Polar Bear Patrols

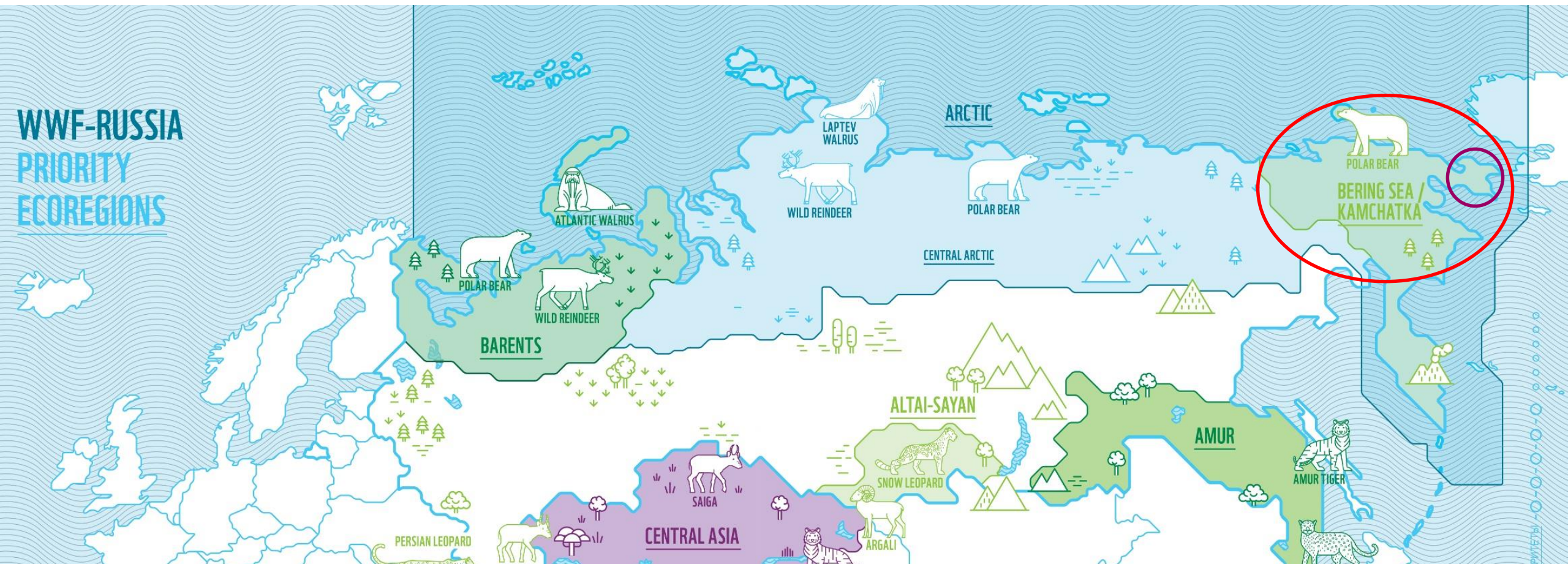
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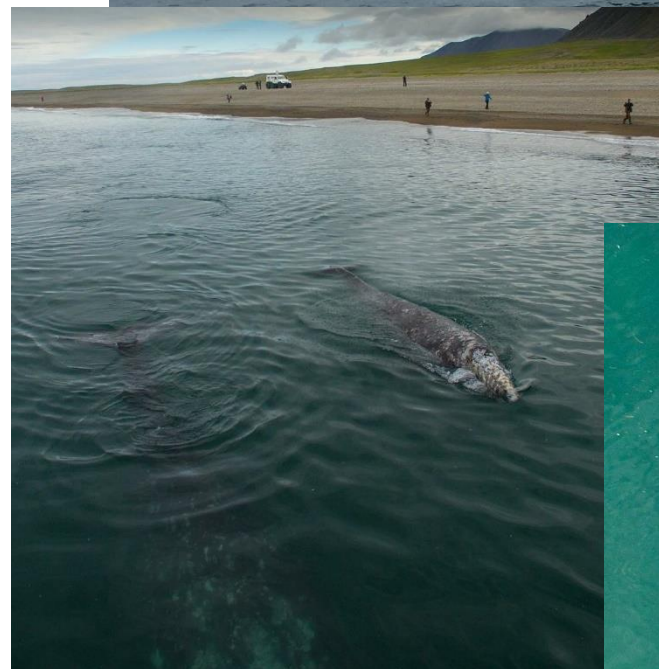
Federal government
Regional governments
Local communities



Whales

Killing, injuring, disturbance

- Underwater noise
 - Fishing gear entanglement
 - Ship strikes
 - Pollution
 - Increasing of humans activities
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- Work with Regional and Federal Governments
 - Preparation of strategies and action plans
 - Underwater Noise Research.
 - Work with industry
 - Work with local communities



Local communities



