



Omsk State Agrarian University named after P.A. Stolypin

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**CURRENT STATE AND POTENTIAL OF THE
DEVELOPMENT OF SPECIALLY PROTECTED
NATURAL AREAS OF THE OMSK REGION IN
THE LIGHT OF THE CONCEPT OF
SUSTAINABLE DEVELOPMENT**



Sustainable development – development in which the needs of present generations are met without prejudice to the interests of future generations



System of relations “Man-Nature”

Green economy



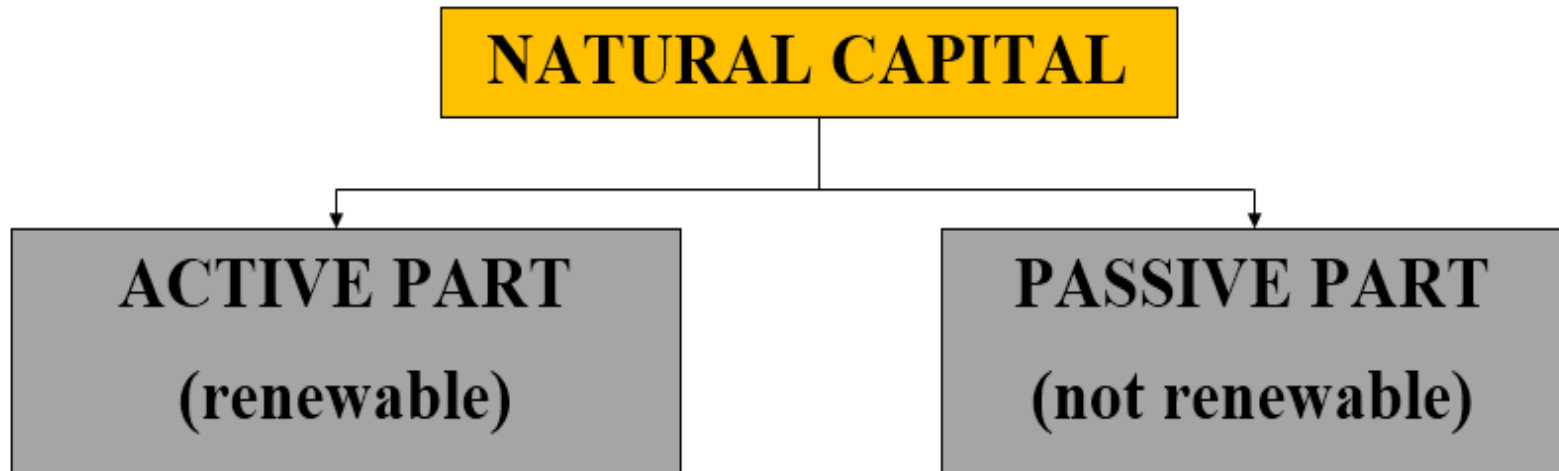
Consumer attitude of man towards nature ✘

Man and Nature - equal ✓



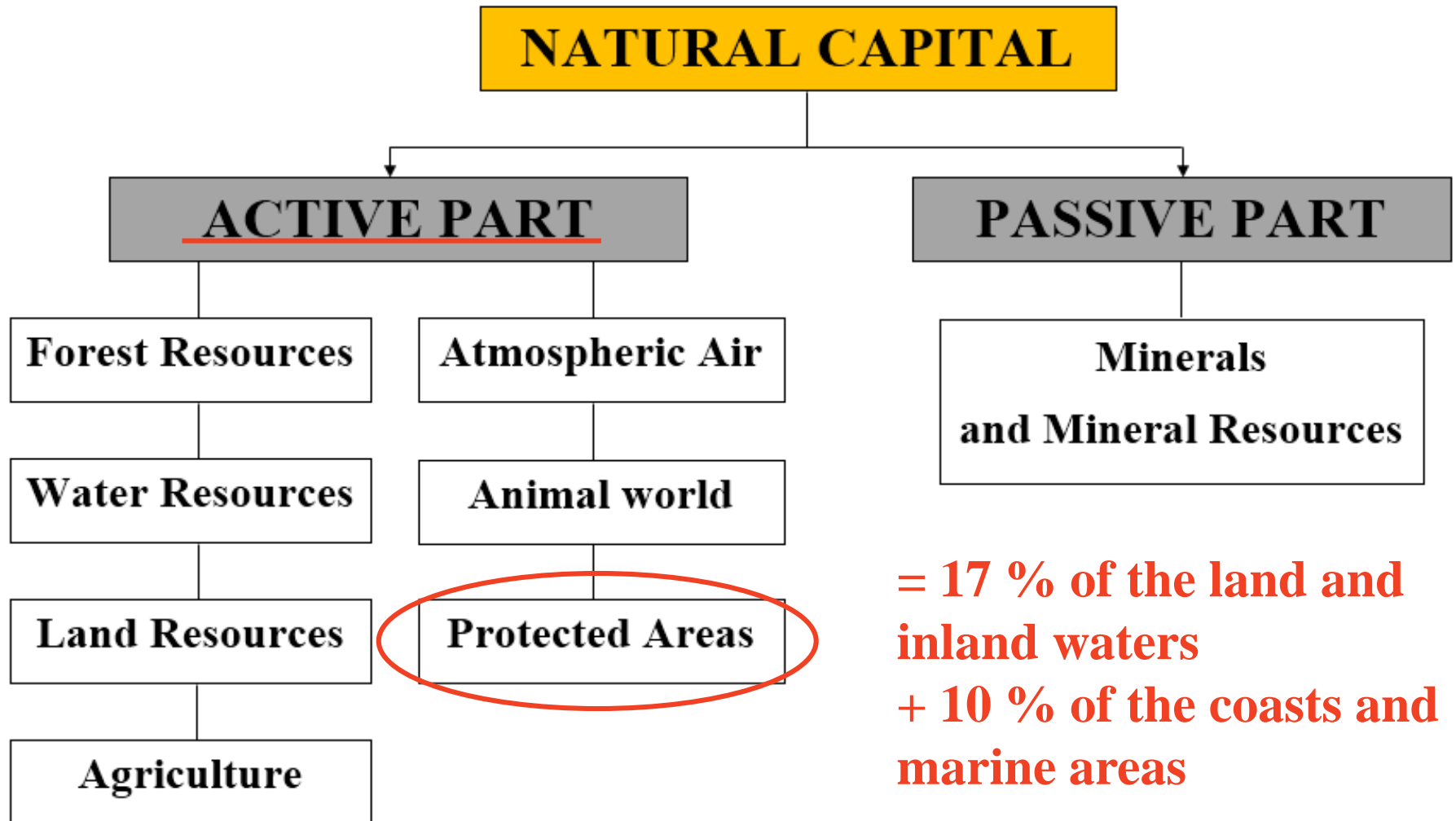
Natural capital and sustainable development

Natural capital is the world's stock of natural resources, which includes geology, soils, air, water and all living organisms. Some natural capital assets provide people with free goods and services, often called **ecosystem services**.





Natural capital and sustainable development





Geographical location of Omsk region



Area – 141.1 thousand km²
Population – 1.93 million people

Protected areas of the Omsk region



26 protected areas

5,640.17 km²

(= 4 % of the total area of the region)

Categories:

- state nature reserves – 16,
- natural park – 1,
- natural monuments – 5,
- protected natural object – 1,
- natural recreational complexes – 2,
- other categories – 1.

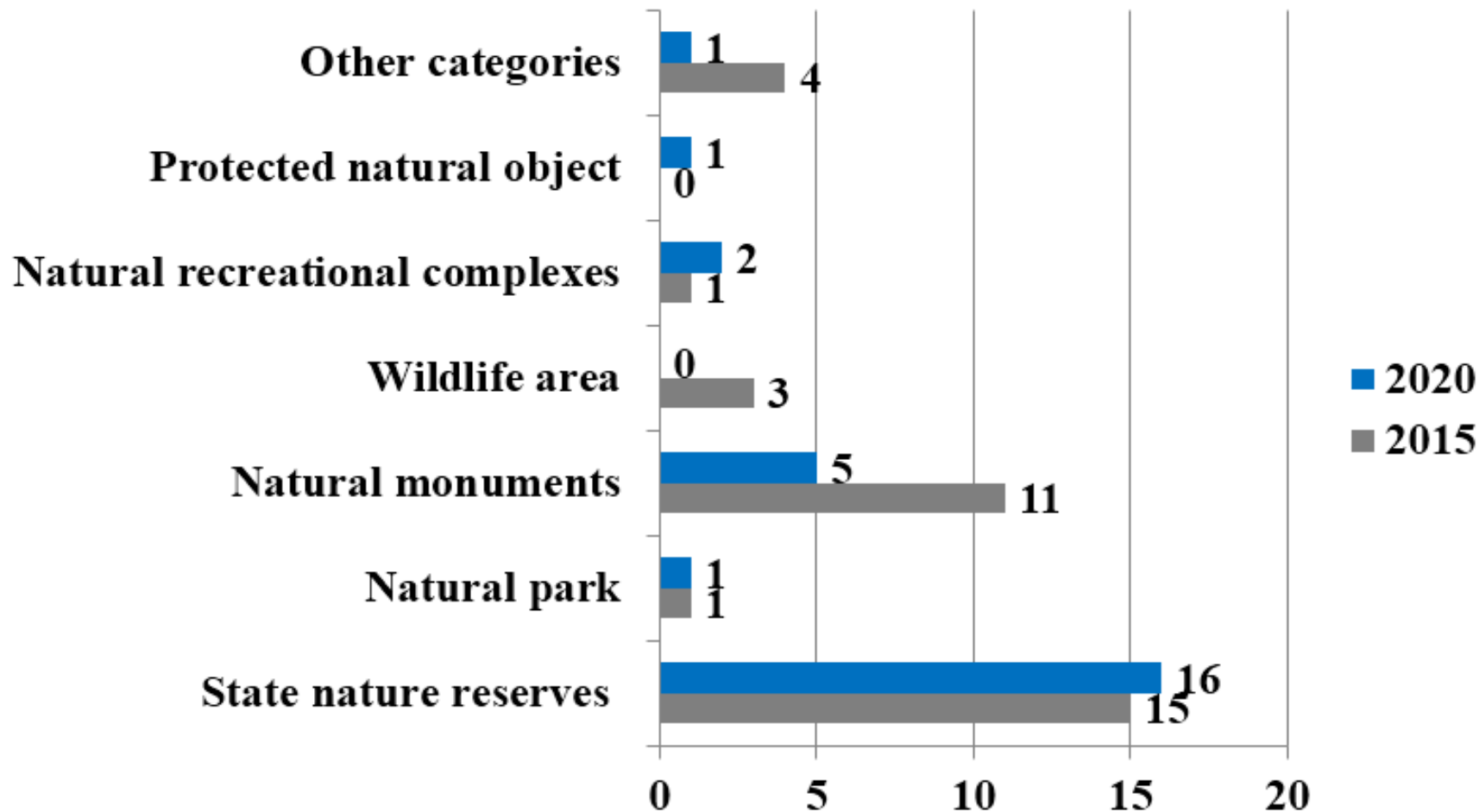


Dynamics of the Omsk region PA number, 2015-2020

Year	PA area, km ²			Number of PA, pcs.		
	Regional significance	Local significance	In total	Regional significance	Local significance	In total
2015	8478.68	43.79	8522.46	19	16	35
2018	9142.16	33.27	9175.43	20	10	30
2020	5624.46	15.71	5640.17	20	6	26




Dynamics of the Omsk region PA number, 2015-2020





-  **Forest zone**
subzone of coniferous forests
-  subzone of mixed forests
-  subzone of deciduous forests
-  **Forest-steppe zone**
northern subzone
-  central subzone
-  southern subzone
-  **Steppe zone**
subzone of multi-grass-cereal steppes

 – Protected area



Problem – non-efficient Protected Areas system

Solutions:

- expand the area to 17% of the area of the region;
- increase the number of protected areas of regional (**natural parks**) and local (**nature reserves, recreational complexes**) significance;
- increasing the number of protected areas in the **forest and steppe zones** of the region;
- to draw **public attention** to this issue (labour and financial resources)



Protected areas of the Omsk region



“Bird Harbor” Nature Park



**“Regional Dendrological Garden
named after G.I. Genze”
Natural Monument**



*“Love for the native
country begins with love
for nature” ©*



Paustovsky Konstantin Georgievich
(1892-1968) - Russian writer