

# Environmental damage in Ukraine resulting from the invasion

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## WHY IS THE UKRAINIAN ECOSYSTEM of great importance for Europe?

- Covers 35 % of Europe's biodiversity
  - More than 70 thousand biological species live here
- 29% of the territory of Ukraine consists of natural vegetation,  
as well as cultivated natural vegetation (for example,  
well-kept pastures and hedges)
  - 16% of the territory of Ukraine is made up of forests
    - Almost 63 thousand rivers flow through Ukraine
  - 11% of the Carpathian mountain massif is located  
on the territory of Ukraine, where a third of all  
plant species in Europe grow
    - Dniro is the fourth longest river in Europe

## **TODAY, 257 CASES OF ECOCIDE** have been recorded

2.5 million hectares of Europe's nature protection network are under threat of destruction

Emissions into the atmospheric air, which were caused by military aggression on the territory of Ukraine, are transferred, deposited and have an impact on the territories of other states, sometimes at a distance of thousands of kilometers

Military operations are destroying the forests of Ukraine, which will also affect the food security of the world

Pollution of rivers as a result of Russian aggression can also affect neighboring countries. After all, we share large rivers such as the Danube, Dniester, Prut, Tisza, and Western Bug with neighboring countries: Poland, Hungary, Romania, and Moldova



# UKRAINIAN GREEN TURN

2019

TOP-10 countries  
of the world  
according to the  
pace of development  
of green energy

2020

TOP-5 European  
countries according  
to the pace of  
development  
of solar energy

2022

The total capacity  
of green energy  
facilities reached  
9,656 MW

# IN 2022:

**SOLAR ENERGY:** 30-40% of power plants were affected

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**WIND ENERGY:** more than 2/3 of wind generators have been stopped

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**BIOENERGY:** 10-15% of installed capacities were affected

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# UKRAINE IS ON THE BRINK of an ecological disaster

A satellite view  
of burning oil  
storage tanks in  
the Chernigov  
industrial zone  
after Russia  
invaded Ukraine  
on March 21,  
2022



A fuel storage  
site hit by  
cruise missiles  
in Lviv



Fire on a sunken  
Russian ship near the  
coast of occupied  
Berdyansk, March 2022



The Azovstal plant on the shore  
of the Sea of Azov, destroyed  
by Russian shelling and bombing



# **HOW TO PREVENT THE DESTRUCTION OF THE PLANET AND ENSURE ENERGY SECURITY?**

The time has come to combine the efforts of the world community around real decarbonization and the creation of mechanisms to counteract the destruction of our common home - the Earth



# **GLOBAL INITIATIVE**

## **"ENVIRONMENT and CLIMATE ARE KEY PREVENTERS OF FUTURE WARS"**

### **1 World security institutions need transformations**

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**Preservation of the environment and climate**

### **2 is a global goal, as well as one of the tools of economic and financial sanctions**

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#### **Goal:**

development of a Global mechanism for preventing future (real) military actions based on climatic consequences for the entire population of the EARTH, any country by charging significant financial and material assets from a potential AGGRESSOR



The development of this initiative can be based **on the Mirror (opposite) principle of the emission reduction mechanism**

1

### **A developed gradation is required**

- according to the list of damage caused
- by geographical proximity to the point of hostilities (neighboring countries receive the most in the event of a violation)

2

3

**It is also necessary to introduce a mechanism for the impact of refugees on the ecosystem of the country in which they arrive** (increased water consumption, more garbage, etc.)



**Today, Ukraine is an «ideal» platform for starting the formation of an international coalition to preserve peace, climate and the environment for the sake of life!**

**LET'S WORK  
TOGETHER TO CREATE  
SUCH FUSES!**

**Thank you!**  
**I invite you to cooperate**  
**for the sake of our planet**  
**and peace on Earth**

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