

The War in Ukraine **(10 years and 28 days today,** **2 years and 25 days since full-scale invasion)**

Tetiana Hryn'ova
TSF representative for Ukraine

19/03/2024

Ukrainian children

Photo from <https://www.rferl.org/a/belarus-camps-ukrainian-children-propaganda/32860476.html>



Camps in Belarus

Est. 6,780,000
children in Ukraine
(UNICEF)

900000 kids
studying remotely

**20000 verified to
be taken hostage
by Russia &
Belarus**

These children are
“reeducated” to
hate Ukraine to be
eventually
mobilized to fight
against it

[International Criminal Court](#) arrest warrants for Putin and Lvova-Belova (17/03/2023)



Образовательная программа ОИЯИ и
Международного университета «Дубна»

Д.В. Фурсаев
Международный университет «Дубна»



4 ноября 2009
CERN

Стратегическое партнерство в Дубне Strategic Partnership in Dubna

- Более 30% выпускников в Дубне работают в высокотехнологичном секторе экономики

из них:

- ОИЯИ – 30%
- МКБ «Радуга» – 10% **Raduga**
- завод «Тензор» – 10%
- НИИ «Атолл» – 6% **Atoll**
- ДМЗ «Камов», НПЦ «Аспект», НИИ ПА - 13%

**Dubna Machine-
Building Plant**

JINR Education Program

[Dubna State University](#) was founded and run by JINR to train personnel for the enterprises in the Dubna area, including SEZ “Dubna”. For example, a new 2-year program was launched in 2023 to train 30 engineers per year for the Kronstadt military drone production plant in Dubna.

20+% of graduates from the JINR Education Program join military industry at Dubna (see slides of CERN National Russian Teacher programme of 2009): Raduga Engineering Design Bureau, NII Atoll, Dubna Machine-Building Plant...

These enterprises design and produce, bypassing sanctions, cruise missiles (Kh-55, Kh-101, etc.), parts for military planes (e.g. Su-25, Su-34), etc. which are used for attacks on civilian population in Ukraine.

NATIONAL ACADEMY OF SCIENCES OF UKRAINE

SECTORAL ACADEMIES:

- ✓ National Academy of Educational Sciences
- ✓ National Academy of Agrarian Sciences
- ✓ National Academy of Medical Sciences
- ✓ National Academy of Arts
- ✓ National Academy of Legal Sciences

MINISTRY OF EDUCATION AND SCIENCE: UNIVERSITIES

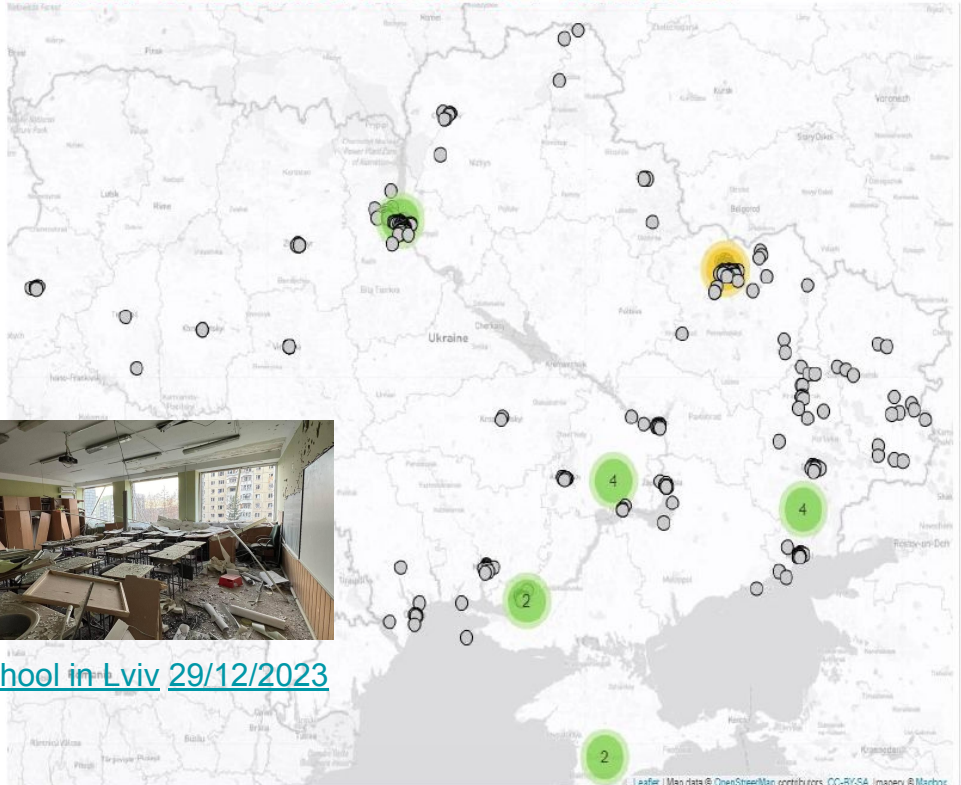
MINISTRIES:

- ✓ Ministry of Agrarian Policy and Food
- ✓ Ministry of Environmental Protection and Natural Resources
- ✓ Ministry of Finance
- ✓ Ministry of Internal Affairs
- ✓ Ministry of Culture and Information Policy
- ✓ Ministry of Health
- ✓ Ministry of Justice

Nowhere is safe in Ukraine, but tighter sanctions and more & better anti-missile weapons help to protect civilian lives and facilities.

5 March 2024 ICC warrants of arrest for S.I. Kobylash and V.N. Sokolov for alleged crimes committed against Ukraine from at least 10 Oct 2022 until at least 9 March 2023.

3467 schools damaged
387 destroyed
565 rebuild
22453 bomb shelters created



School in Lviv 29/12/2023



Analysis of war damage to the Ukrainian science sector and its consequences (UNESCO)

REDUCTION OF THE SCIENTIFIC AND EDUCATIONAL INFRASTRUCTURE OF THE JUNIOR ACADEMY OF SCIENCES OF UKRAINE

Due to the aggression, the Junior Academy of Sciences (JAS) of Ukraine has lost about 2,000 secondary schools located in the occupied territories of Donetsk, Luhansk, Crimea, Kherson, and Zaporizhzhia Oblasts.

Around 8,000 students from these regions took part in the annual competitions held by the JAS. More than 450 scientific student clubs were housed in these regions; currently, they are non-operational.

As a result of aggression, 23 institutions of non-formal education belonging to the scientific and educational infrastructure of the Junior Academy of Sciences of Ukraine have been destroyed.



UNICEF report

40% of Ukraine's children cannot access continuous education due to a lack of facilities.

In areas nearer to the frontline, 50% of school-age children are unable to access education: learning gaps (2022 vs 2018) is equivalent to 2 years of loss in reading and 1 year of loss in maths. Children spent up to 5000 hours (4-7 months) sheltering underground.

The psychological impacts of war on children are widespread.

- half of 13- to 15-year-olds have trouble sleeping
- 1 in 5 have intrusive thoughts and flashbacks – typical manifestations of post-traumatic stress disorder.
- Three-quarters of children and young people aged 14 to 34 recently reported needing emotional or psychological support. However, less than a third sought help.

Parents across Ukraine report elevated levels of anxiety, excessive fear, phobias and sadness, and decreased engagement in school, sensitivity to loud noises, and sleep troubles among children. At a time when parental support is needed most, half of parents surveyed report that they are struggling to support their children.

From “Future of Education in Ukraine”

Research on the risk of suicidal behaviour
(results of the research of the Institute of Psychiatry of Taras
Shevchenko KNU)

Data for 2023
Sample: 1424 students

PSS scale	%
They felt that life was not worth living	37,0
They wanted to die	34,8
They thought about taking their own lives, even if they never did it	42,8
They seriously considered the possibility of taking their own lives or made plans on how to do it	19,5
They attempted suicide	6,5

From “Future of Education in Ukraine”



January 1, 2023. Department of Social Rehabilitation and Social Pedagogy of Taras Shevchenko Kyiv National University. Training rooms and laboratories. After the missile attack of russia.

Challenges

- Future of Education in Ukraine (how to minimize the toll of war, how to ensure visibility and long term vitality of Ukrainian science inside and outside of Ukraine [see article attached to the agenda])
- Future of Education in Russia (how to overcome generations of propaganda)

Outlook

Lesya Shchutska (EPFL) is taking over local organization of Ukrainian National Teacher programs

Next remote national teacher program planned 29/04-03/05/2024

Continue with regular telebridges with Ukrainian schools at one per month: very well attended (100-200 participants each) and appreciated by the teachers and high-school students

Working to reassemble all the material on one website:

<https://indico.cern.ch/category/18076/>



Thank you for your support in these difficult times!