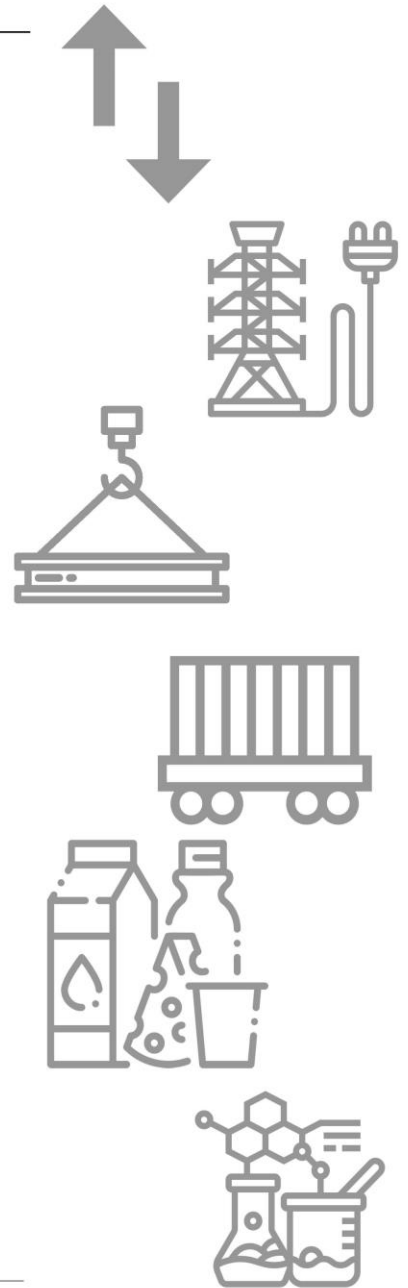


## War in Ukraine. Economic impacts

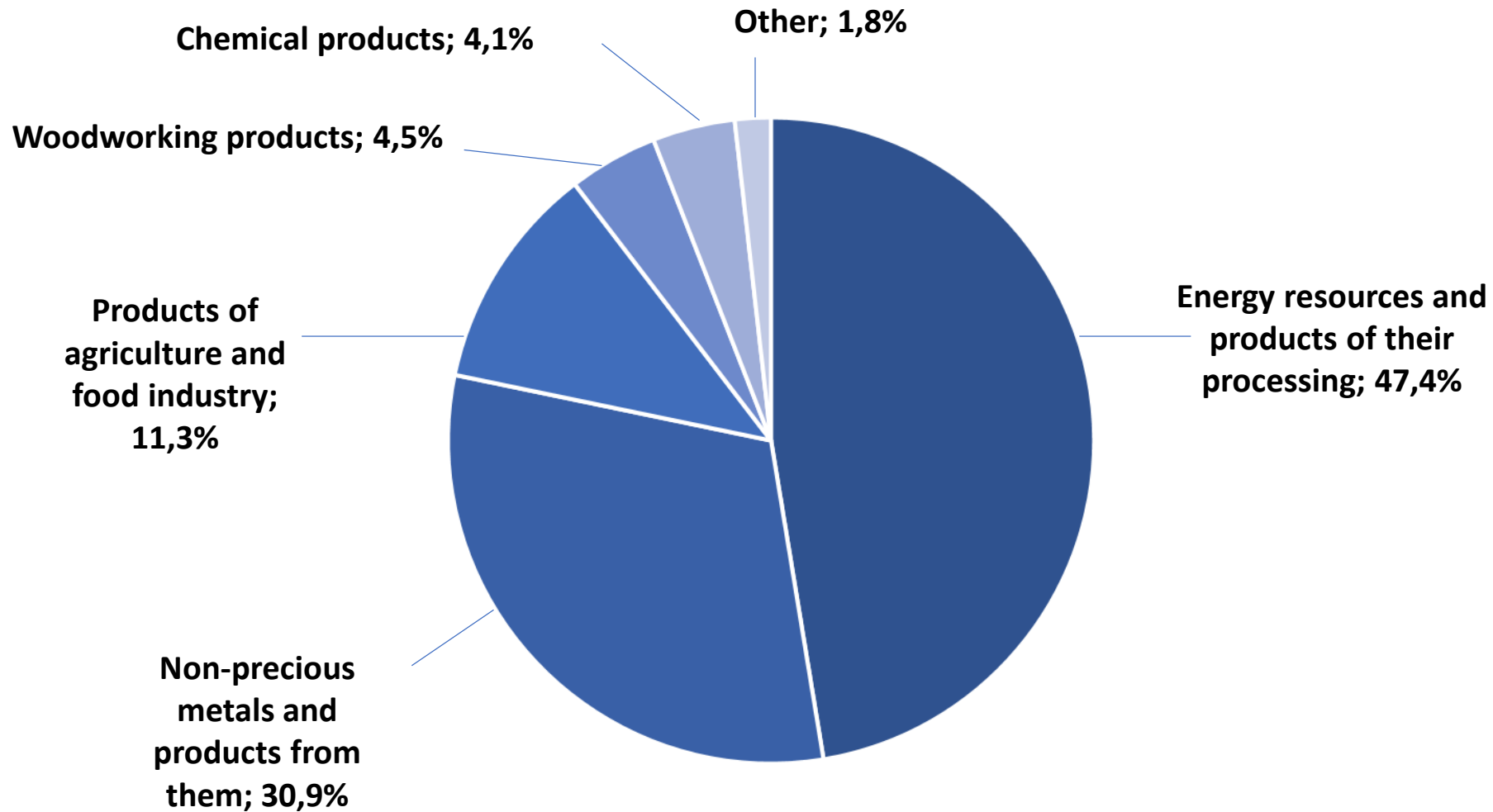
The government and experts estimate **losses for Ukraine of 35 – 50 % of GDP.**

**Nearly 5 million jobs** have been **lost in Ukraine** since the start of the Russian aggression, says ILO

**More than 500 enterprises** have been relocated to the western regions of Ukraine.

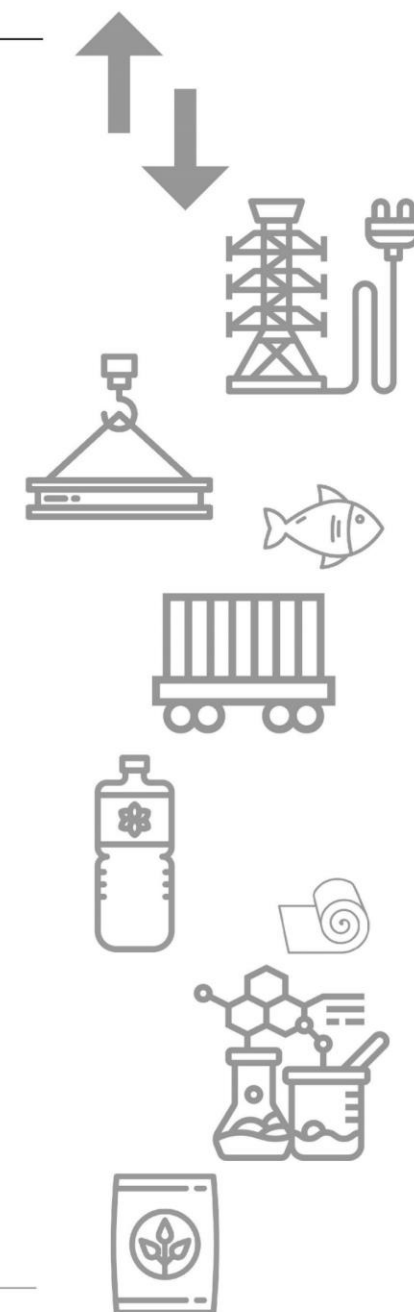


# The structure of Danish import from Russia in 2021



# Imports of Denmark from Russia in 2021

Trade item	Million dollars
Energy resources and products of their processing	1 060
Semi-finished products from carbon steel	528,2
Flat-rolled products of carbon steel, with a width of 600 mm or more, hot-rolled, not clad, without galvanic or other covering	94,3
Cake and other solid wastes and residues resulting from the extraction of soybean oil	68,6
Wood pellets, granules and other fuel wood	58,7
Carbon steel in ingots or other primary forms	47,3
Sunflower seed cake	45,7
Soybean oil	38,3
Mineral or chemical fertilizers with two or three nutrients: nitrogen, phosphorus and potassium	37,7
Beet pulp	24,3
Rapeseed oil	23,9
Frozen fish - halibut	23,1
Glued plywood	22,7
Nitrogen fertilizers - urea	19,1
Sawn or split lengthwise timber	15,1
Flat-rolled products of carbon steel, with a width of 600 mm or more, clad with galvanic or other covering	14,9



# Grain production in Ukraine

**28 million hectares** of chernozem (black earth) = **8,7%** of world area

## VOLUMES OF CULTIVATION IN 2021:

- grain and bean cultures - **86 million tons**
- oilseeds - **22.9 million tons**

## EXPORTS

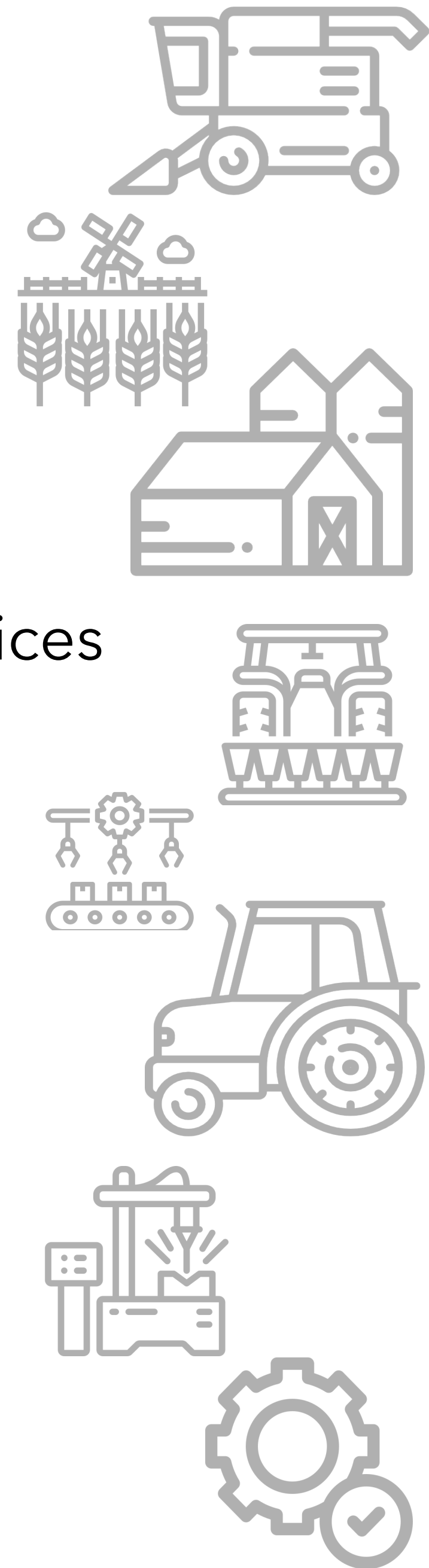
**60%** grown or **12 346 12 346 million US dollars** in 2021 prices  
*Most - wheat, corn, barley.*

## GRAIN PRODUCTION POTENTIAL

- **120 million tons** per year.

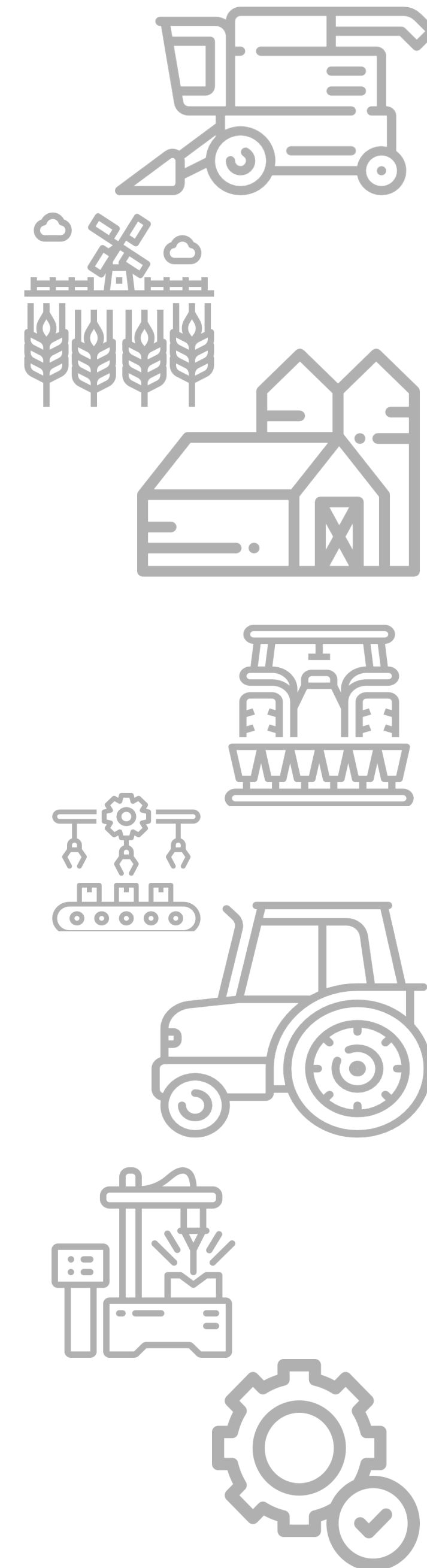
## Problematic issues due to the war:

- *Lack of equipment*
- *Lack of incentive programs*
- *Breaking logistics chains*



## Promising types of products for production from raw materials available in Ukraine

Raw material group	Raw material subgroup	Type of processing	Type of product
Crops	Wheat	Grinding	Flour, cereals, food additives
		Deep processing	Gluten, starch, sugar syrups, amino acids, organic acids, food additives, alcohols, etc.
		Flour products	Dough products, bakery products, semi-finished products
	Corn	Grinding	Flour, cereals, food additives
		Deep processing	Protein, oil, starch, sugar syrups, amino acids, organic acids, bioethanol, food additives, etc.
		Barley	Grinding
Oilseeds	Soybean	Extraction	Soybean cake, soy meal, oil
	Rapeseed	Extraction	Rapeseed cake, oil, biodiesel



# Mechanical engineering for agro-industrial complex

## MACHINES FOR PROCESSING OF AGRICULTURAL PRODUCTS AND LIVESTOCK BREEDING

In Ukraine, production of the following types of machinery and equipment for agro-industrial complex is insignificant or absent:

- **for processing of agricultural products** (*production of cereals, flour, feed additives, oils, processing of livestock products, sugar, alcohol industry, etc.*)
- **for livestock breeding and forage harvesting**

## URGENCY OF THE QUESTION:

- Key types of products that Ukraine cannot export due to the blockade of ports is grain and oilseeds;
- Many livestock and poultry complexes were destroyed.

## Ukraine's needs:

- supplies of equipment that is insufficiently represented by production in Ukraine;
- leasing support to farmers who have limited finances to develop processing or build livestock breeding complexes;
- initiation and implementation of incentive programs.

