13:00-13:15	Exporting agricultural products from Ukraine: Challenges and developments. Investment opportunities and incentives from the Ukrainian Government By Oleksii SOBOLEV, Deputy Minister of Economy of Ukraine for Digital Development, Digital Transformations and Digitalization
13:15-13:25	Sustainable Food and Agriculture. Danish-Ukrainian G2G cooperation By Troels Mandel VENSILD, Director for Center for International Cooperation at the Danish Veterinary and Food Administration
13:25-13:40	How KSG Agro operates their business in Ukraine under the present circumstances under the Russian invasion. What are the challenges and how can they be overcome, and how can partnerships with Danish suppliers be valuable for Ukrainian farmers and Danish suppliers. By Andriy SKOROHOD, CEO KSG Agro S,A, One of the largest vertically integrated agricultural groups in Ukraine
13:40-13:50	How to enter and handle the Ukrainian market as a Danish company By Jan LUND, Director at Søby – a Danish agroindustry company, providing solutions for handling, drying and aerating grains and crops.

13:50-14:00 Q/A



Moderator and Organizer

Michael Stahlschmidt Market Manager Danish Agriculture & Food Council <u>mis@lf.dk</u> +45 21 24 17 11

UKRAINE INVESTMENT FORUM







Agriculture - the driver for future cooperation





Food Security

Ukraine is a global food supplier for more than 600 million people



Global Trends

Growing demand

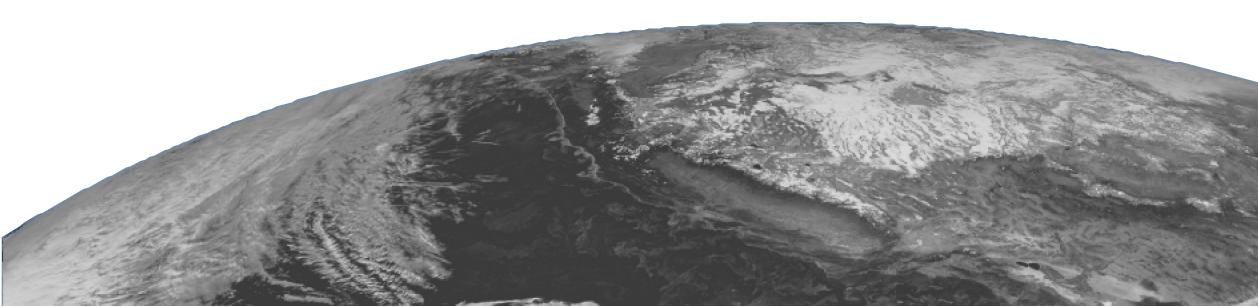
for food - the growth of the world's population (10 billion people by 2050) and the change consumption towards more expensive products **Food security** - 350 million people in the world face **food insecurity** with food shortages

due to climate and political crises and supply chain disruptions

Automation and digitalization of processes –

technological changes and growth in labor productivity in agriculture

Reduction in the labor market



Climate change -

2

an increase in the number of extreme natural events and a reduction in available land for agricultural production

Vision of the Agricultural Sector of Ukraine

Ukraine is a global food supplier for more than 600 million people around the world

Full vertical integration and localization, as well as import substitution for \$4.2 billion

We process at least 50% of the harvest (the model of the Netherlands, *France, and Germany).* We develop livestock and food production (proteins, special fats, gluten, dairy products, meat products, etc.)

Replacing imported food products in the domestic market

Ukraine is the largest private label supplier in the EU retail operators

Full recycling of secondary waste - we produce 10 billion m³ of biomethane







WHAT WE PRODUCE:



Mineral fertilizers (\$6.8 billion/year)

15.5 million tons of nitrogen and complex fertilizers



Agricultural machinery (\$4.5 billion/year)

110 thousand tons of tractors, combines and trailed equipment



Plant protection products (\$3.3 billion/year)

360 thousand tons of pesticides



Seeds. (\$4.2 billion/year)

5 million tons of all types of seeds



Irrigation (\$8 billion)

2 million hectares of infrastructure for the irrigation system

WHAT WE GET:

200 million tons of agricultural products

Grains and oilseeds up to 150 million tons (+35%)

Vegetables, root crops and melons

up to 8.6 million tons (x4.5)

Beet up to 13 million tons (+20%)

Fodder crops up to 25 million tons (+25%)

Perennial crops (fruits, berries) to 3.6 million tons (x8)





Deep processing - at least 50%

We are building an advanced processing facility:

Meat products (\$10.8 billion/year)

0.5 million tons of beef (+50%); 1.5 million tons of pork (+100%); 3.4 million tons of chicken (+150%)

Animal feed (\$3 billion/year)

10 million tons of feed and feed additives

Vegetable oil (\$6 billion/year)

6.5 mln tons of sunflower, rapeseed, soybean oil, etc.

Deep processing Dairy products (\$1.9 billion/year) (\$4.6 billion/year)

1.5-2.5 million tons of 2.6 million tons of milk proteins, specialty fats, powder, butter and whole gluten, starch and milk products molasses

What will green logistics look like?

Railroad transportation (\$1.9 billion) 14.6 thousand grain cars 130 electric locomotives

River transport (\$0.5 billion) 165 barges (with conversion to hydrogen) with a deadweight of 4-5 thousand tons.

Waste is a modern source of energy

Biomethane (\$3-5 billion/year)

Over 100 million tons of waste processed into 10 billion m³ of biomethane



Investment Portfolio - \$57 billion

Technique. and resources



Plant protection products 2.5 billion

Nitrogen and complex fertilizers \$3.5 billion

Agricultural machinery \$ 0.72 billion

Seeds. \$ 0.84 billion Finished products



Fruits, vegetables and their processed products \$8 billion

Milk and dairy products \$ 3.2 billion

Eggs and egg products \$ 0.3 billion

Meat products 1.3 billion

Deep processing



Oils and specialty fats \$ 0.65 billion

Proteins \$ 0.5 billion

Starch and gluten \$ 0.4 billion



Green energy and logistics

6

\$34.7 BN

Biomethane \$ 20 billion

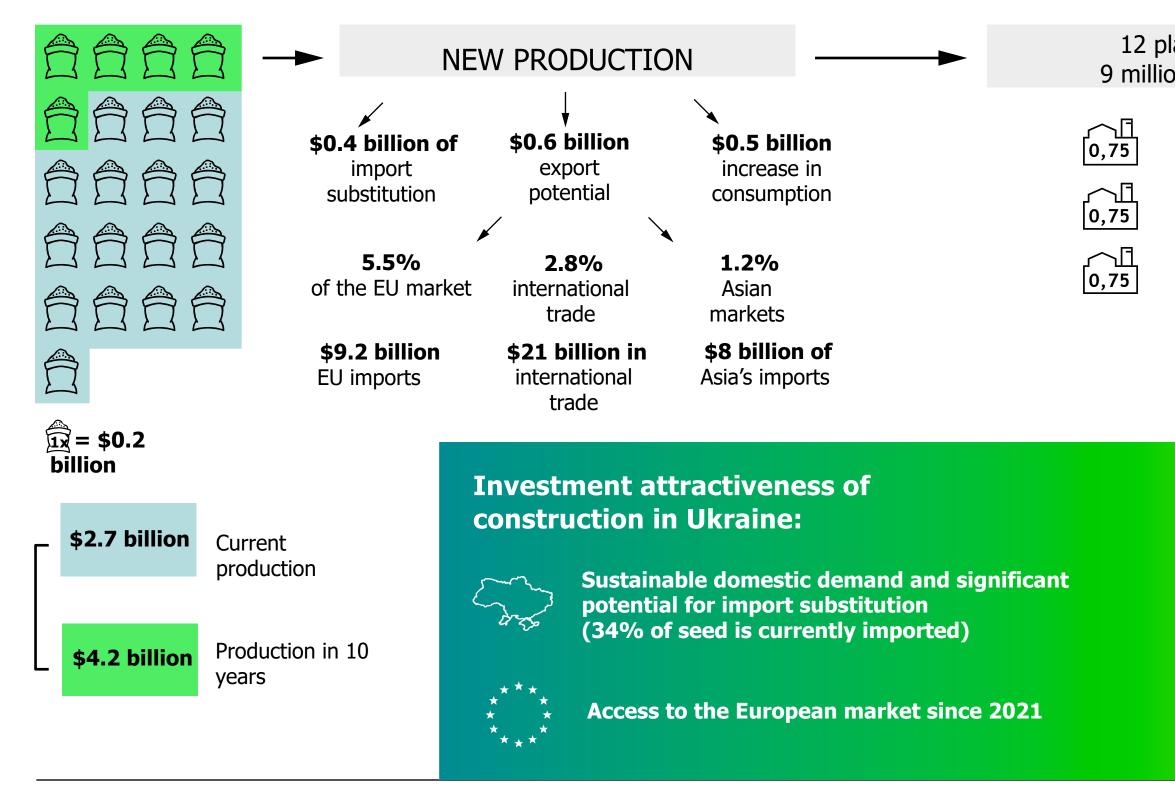
Irrigation systems **\$8** billion

Elevators \$3.8 billion

Green agricultural logistics **\$2.9 billion**

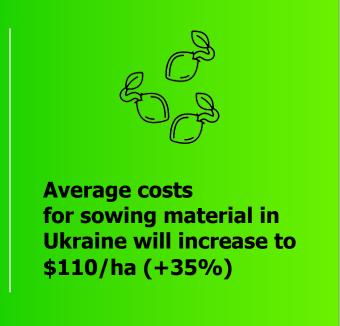


Seeds - \$840 million of investments

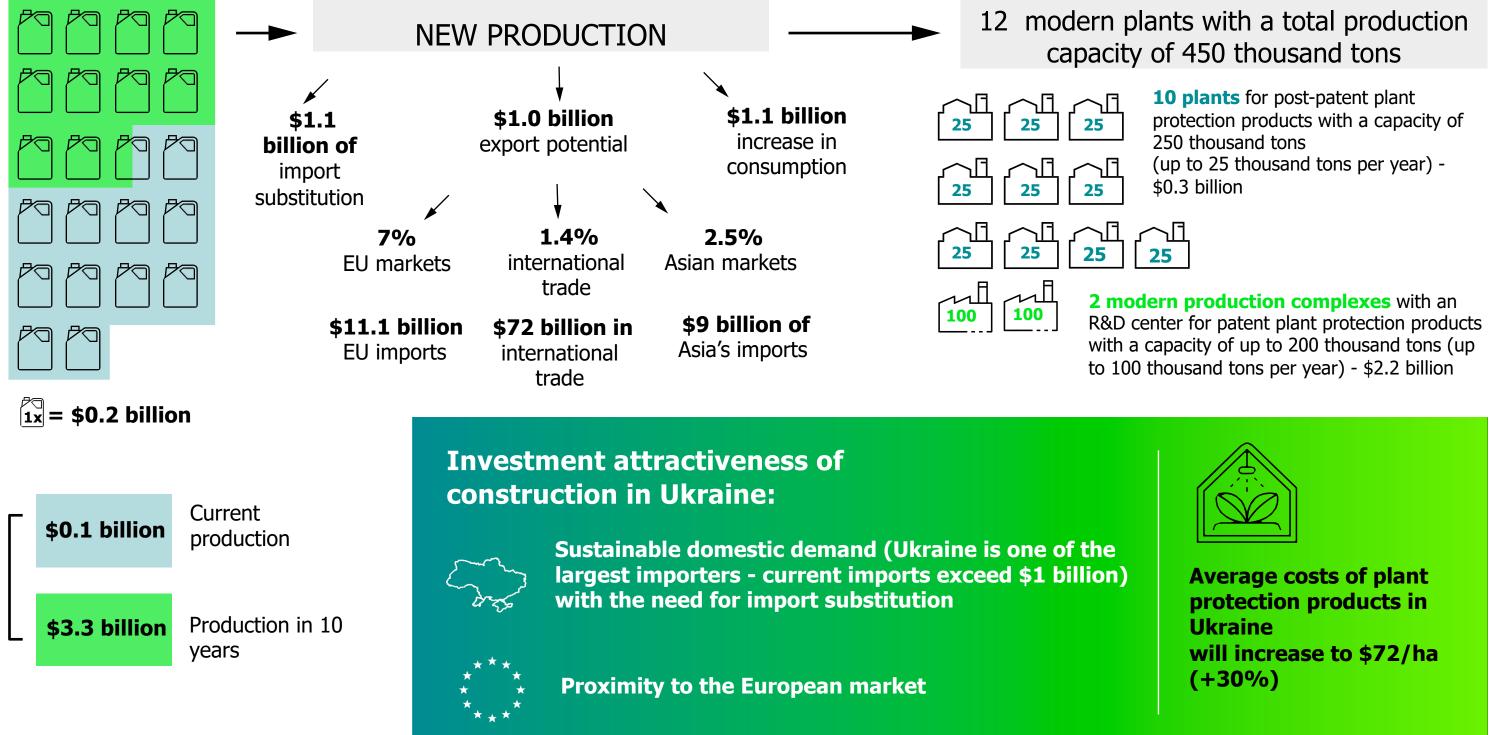


12 plants for production9 million planting units (mu)

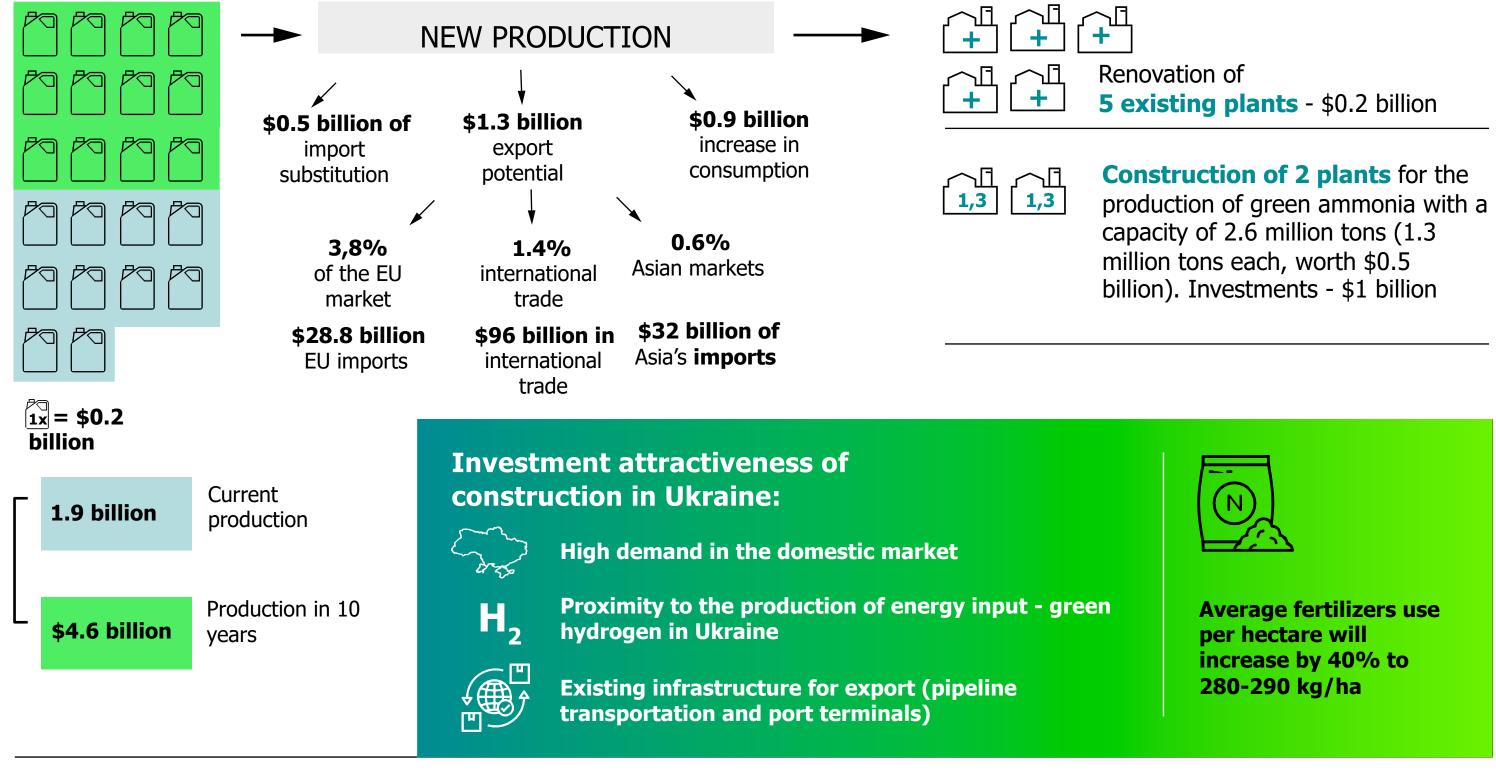




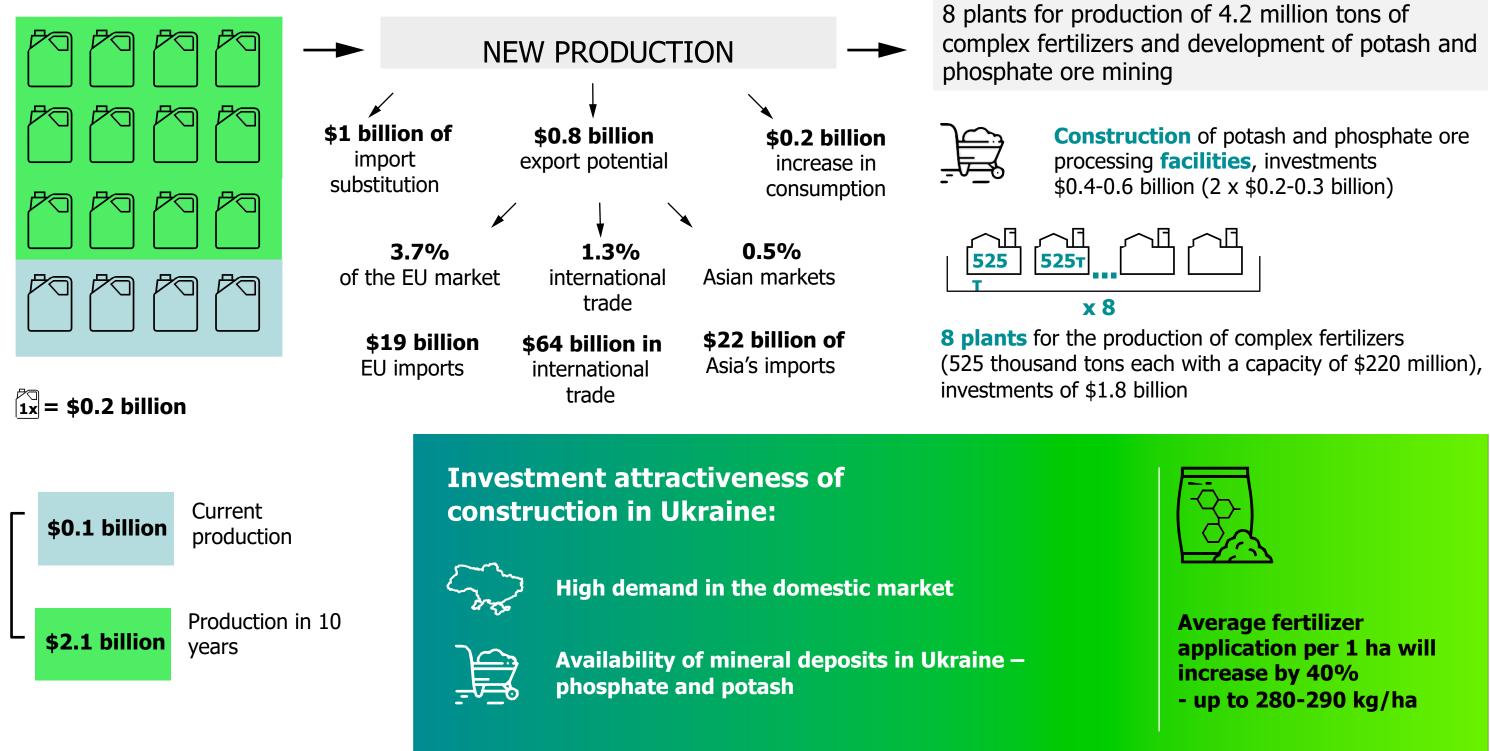
Plant Protection Products (PPPs) \$2.5 billion of investments



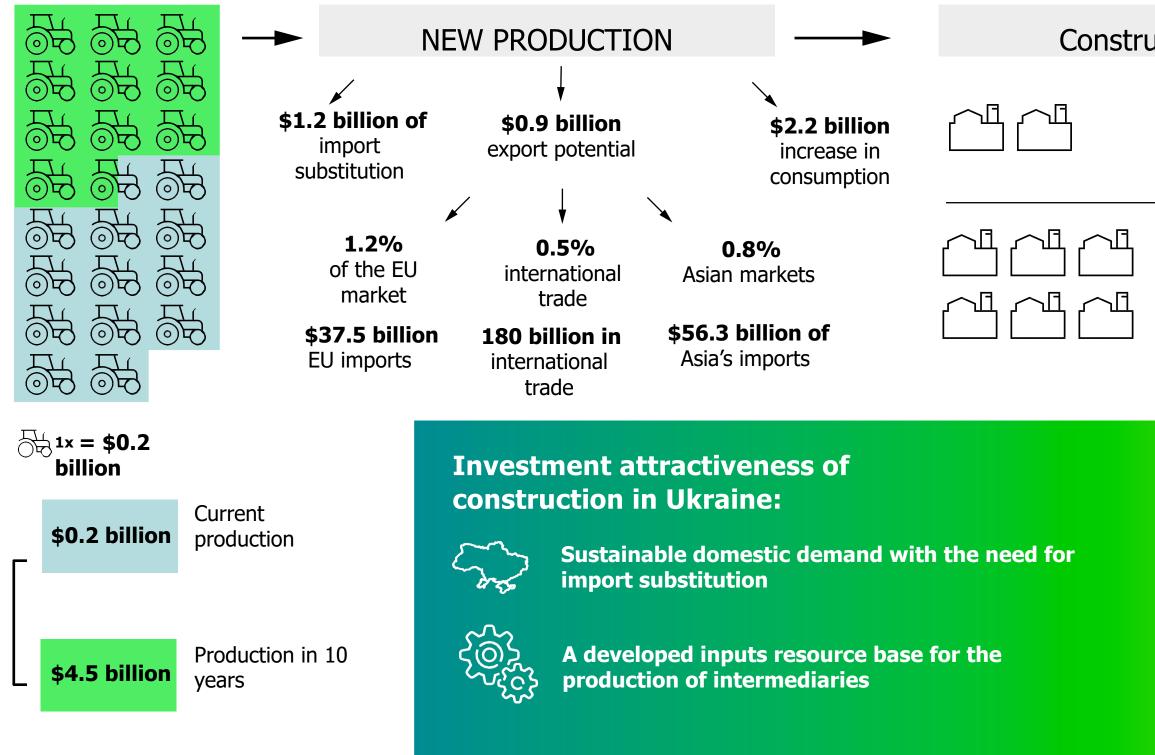
Nitrogen Fertilizers \$1.2 billion of investments



Complex Fertilizers \$2.3 billion of investments



Agricultural Machinery \$720 million of investments



11

Construction of 8 plants

2 motor vehicle **plants with a** capacity of 1,500 units: 1,200 tractors and 300 combines

6 factories of mounted and trailed equipment with a capacity of 10,000 units.



Increasing the power of existing equipment to 0.88 horsepower/ha (+100%)

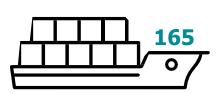
Agricultural Logistics \$2.9 billion of investments

REQUIRED:



Renew 14.6 thousand grain carriers (out of 24 thousand available) and provide production of 130 electric locomotives - \$1.9 billion





Construction of 165 barges with a deadweight of 5 thousand tons for the transportation of 33 million tons of grains and oilseeds in the area 150 km from Dnipro - \$0.5 billion



Investment attractiveness of construction in Ukraine:



Establishment of an eco-friendly river transport operator in Ukraine (hydrogen)



Investiments in modern green rail transport - creating an operator or investments in Ukrzaliznytsia

12

Modernize shipbuilding facilities and railcar building facilities - \$0.3 billion

Ensure the construction of 4 port terminals (East and West Africa) with a capacity of 2 million tons per year each - \$0.2 billion



Storage of Agricultural Products \$3.8 billion of investments



Projected market indicators (2033):

Investments in new construction and restoration of destroyed and damaged elevators by 2033 \$3.8 billion (\$2.7 billion and \$1.1 billion, respectively)

Increasing the production of grains and oilseeds to 150 million tons will require more storage capacities

13

30 thousand tons each - increase in storage capacity

Biomethane \$20 billion of investments

327 billion m3 or \$100 billion (\$300/thousand m3) EU natural gas imports 2021

up to 35 billion m3 (equivalent to \$10.5 billion at \$300/thousand m3) EU plans to increase biogas consumption by 2030

Recycling >100 million tons of waste

NEW PRODUCTION



Construction of about 2 thousand biomethane plants with a total capacity of 10 billion m3 and an average capacity of 5 million m3

Creation of an extensive network of biogas and biomethane production in the places where raw materials are located increasing the sustainability of the energy system and launch of biomethane exports

Investment attractiveness of construction in Ukraine:



The raw material base of the Ukrainian agro-industrial complex in 2033 will allow to produce **10.7 billion** m3 of biomethane annually



Wheat straw and corn stalks (70%) - **8.6 billion m3**



Livestock waste (70%) -1.6 billion m3 14



Food industry waste (80%) **0.5 billion m3**

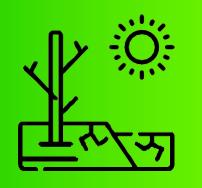
Irrigation Systems \$8 billion of investments

Construction of an irrigation systems for 2 million hectares of land affected by drought:

Investment attractiveness of construction in Ukraine:

The aridity of the southern and eastern regions of Ukraine is increasing with global climate change, leading to reduced yields and losses for agribusiness.

This prevents agricultural producers from unlocking the potential for production growth and increase in yeild



thousand/ha: \$2.5 thousand/ha - field and on-farm systems

\$1.5 thousand/ha - investments in canals and pumping stations

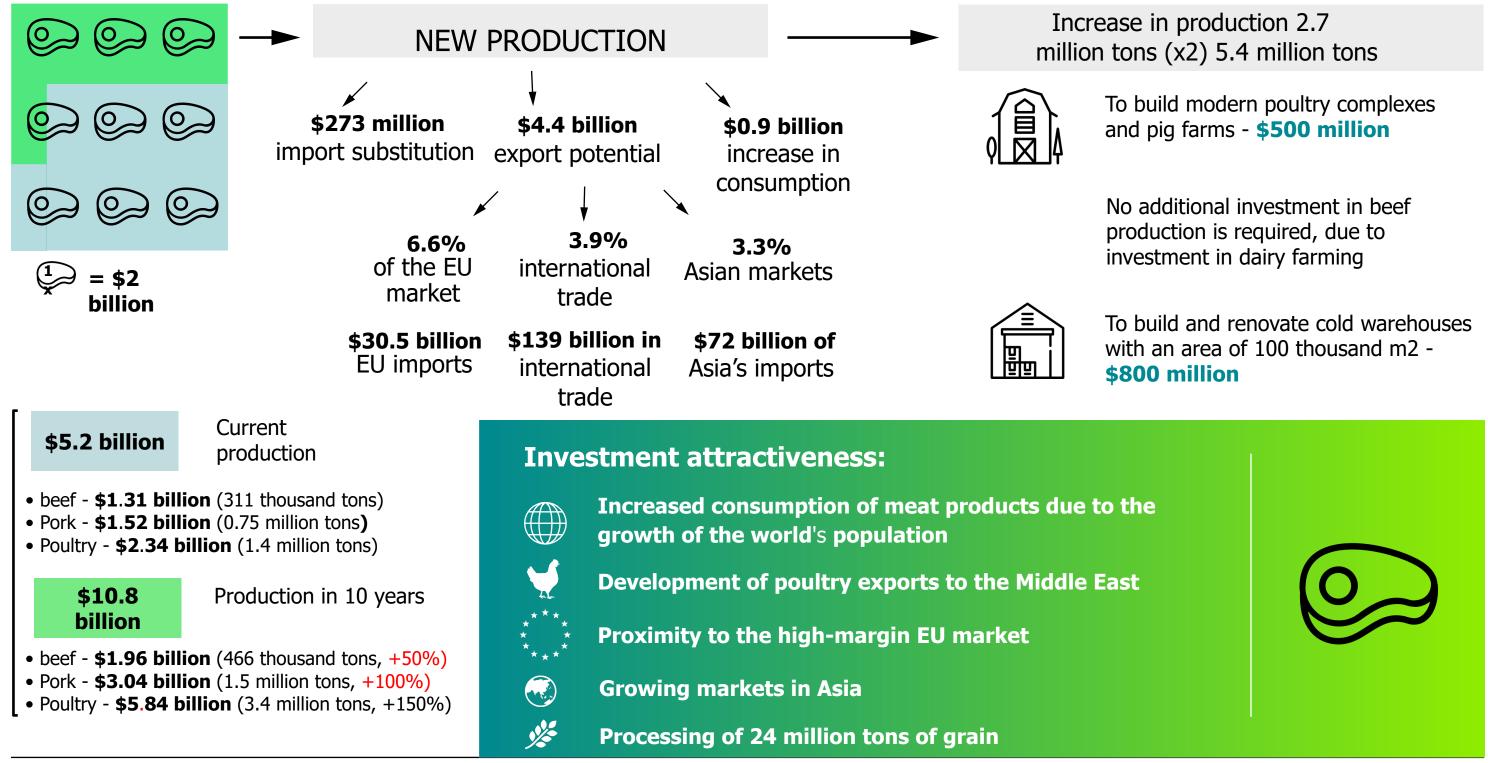
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cators (2033):

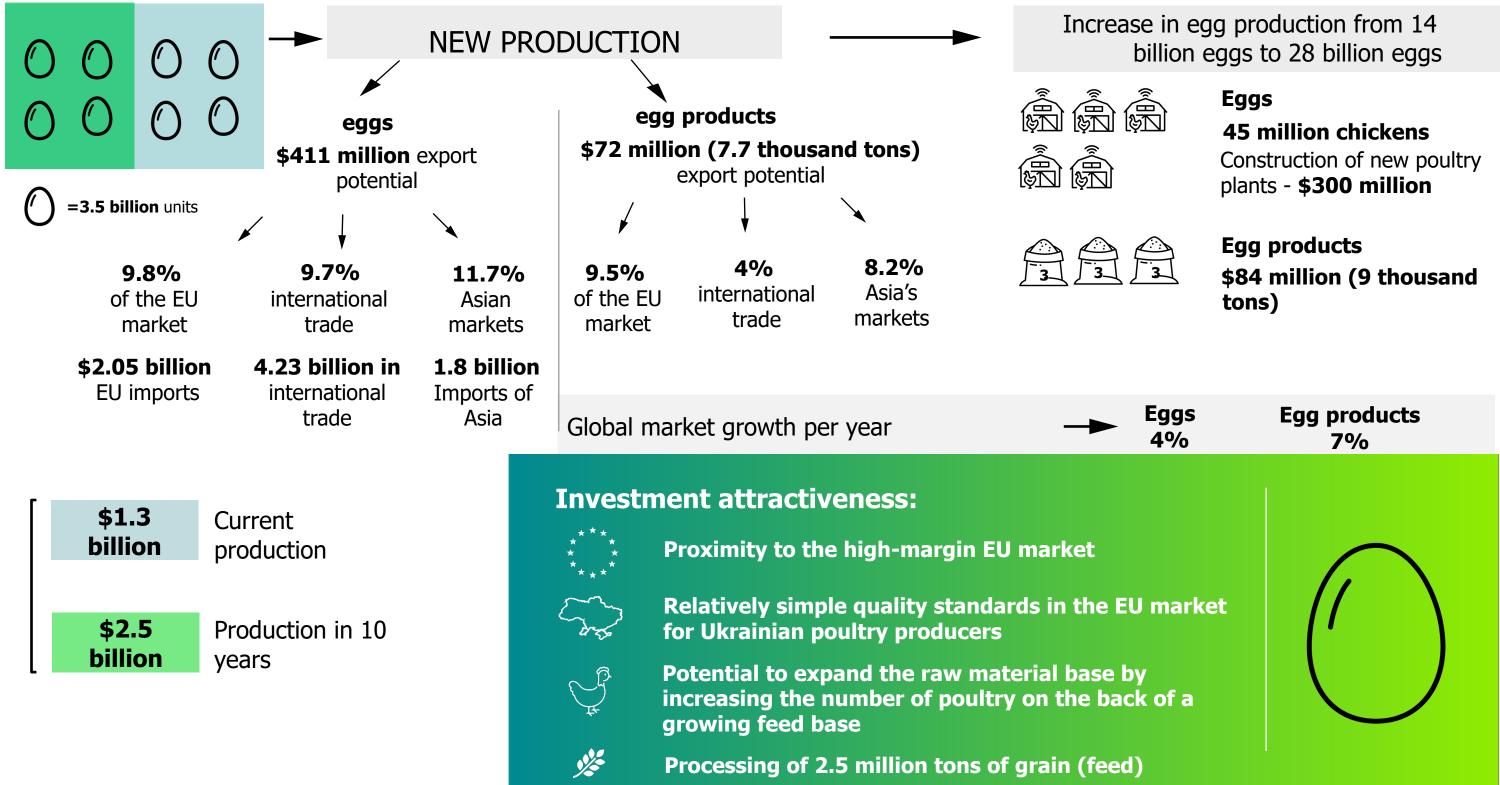
for 2 million

The specific investment is \$4

Meat Products \$1.3 billion of investments

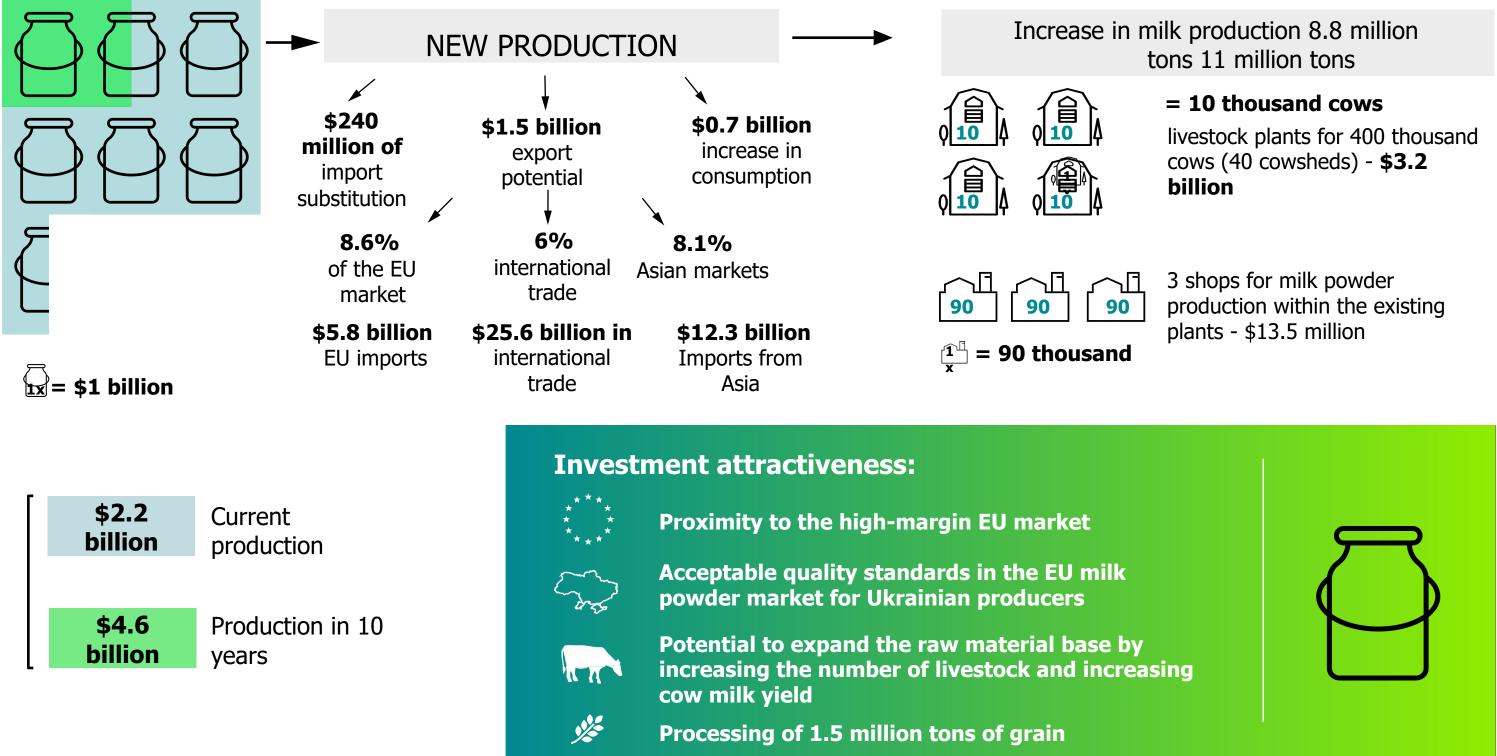


Eggs and Egg Products \$300 million of investments

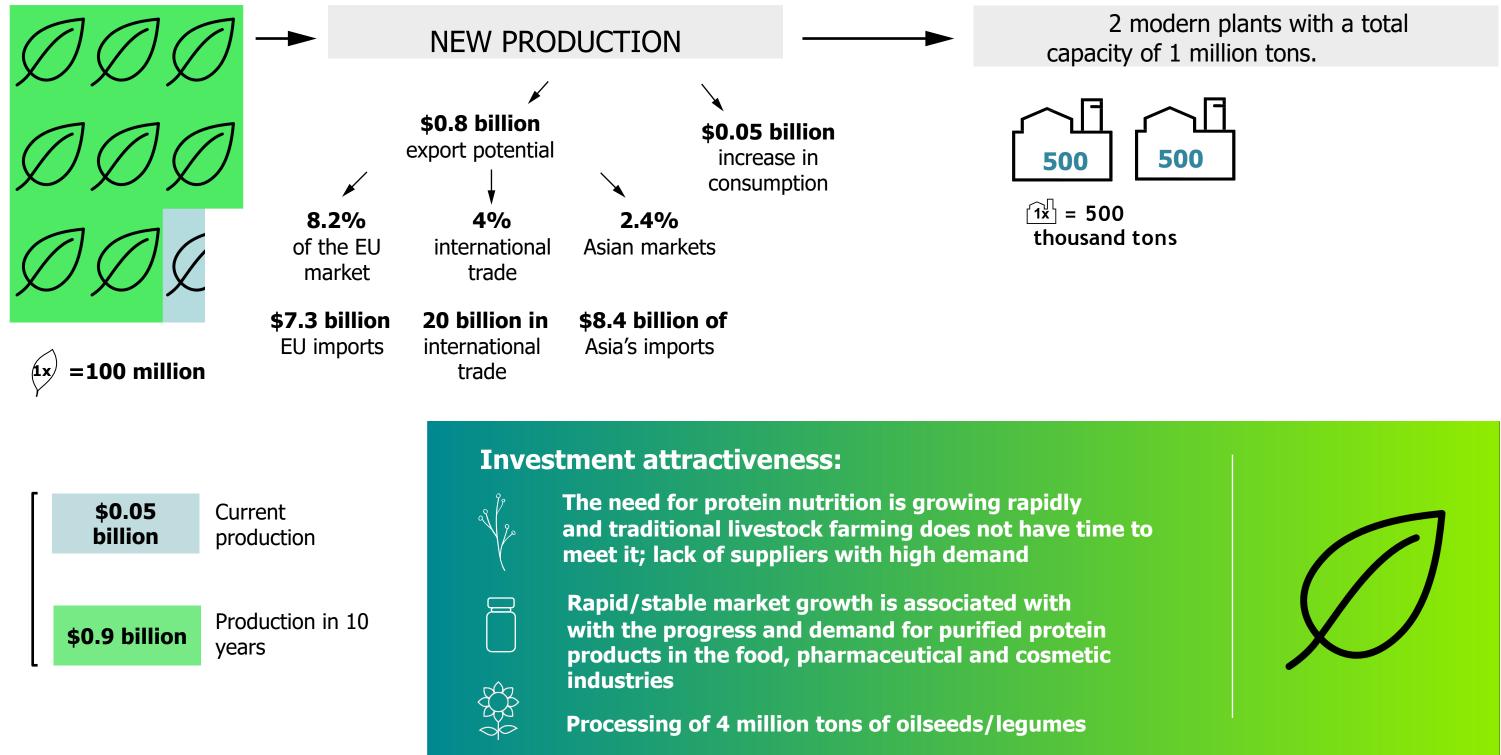




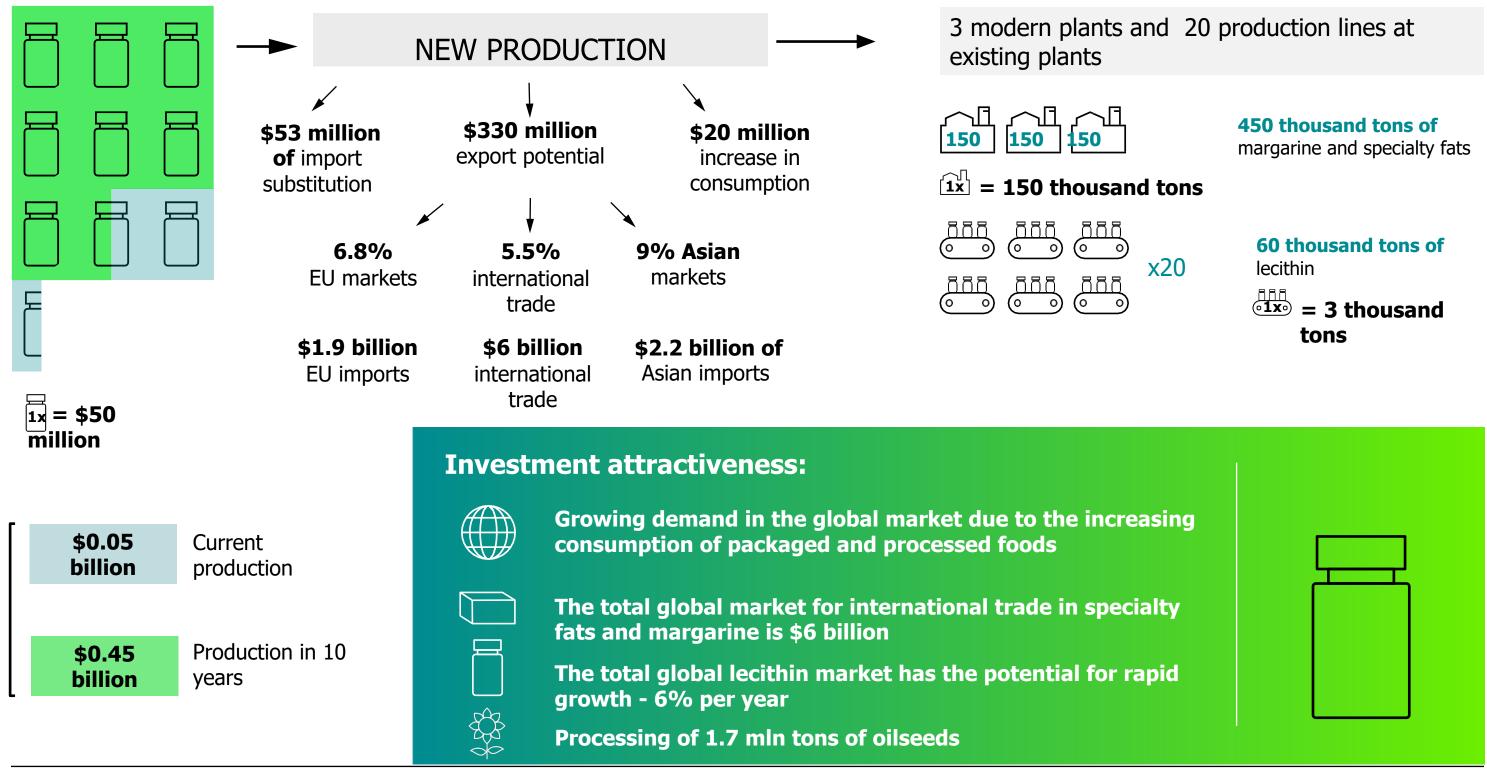
Dairy Products \$3.24 billion of Investments



Vegetable Proteins \$500 million of investments

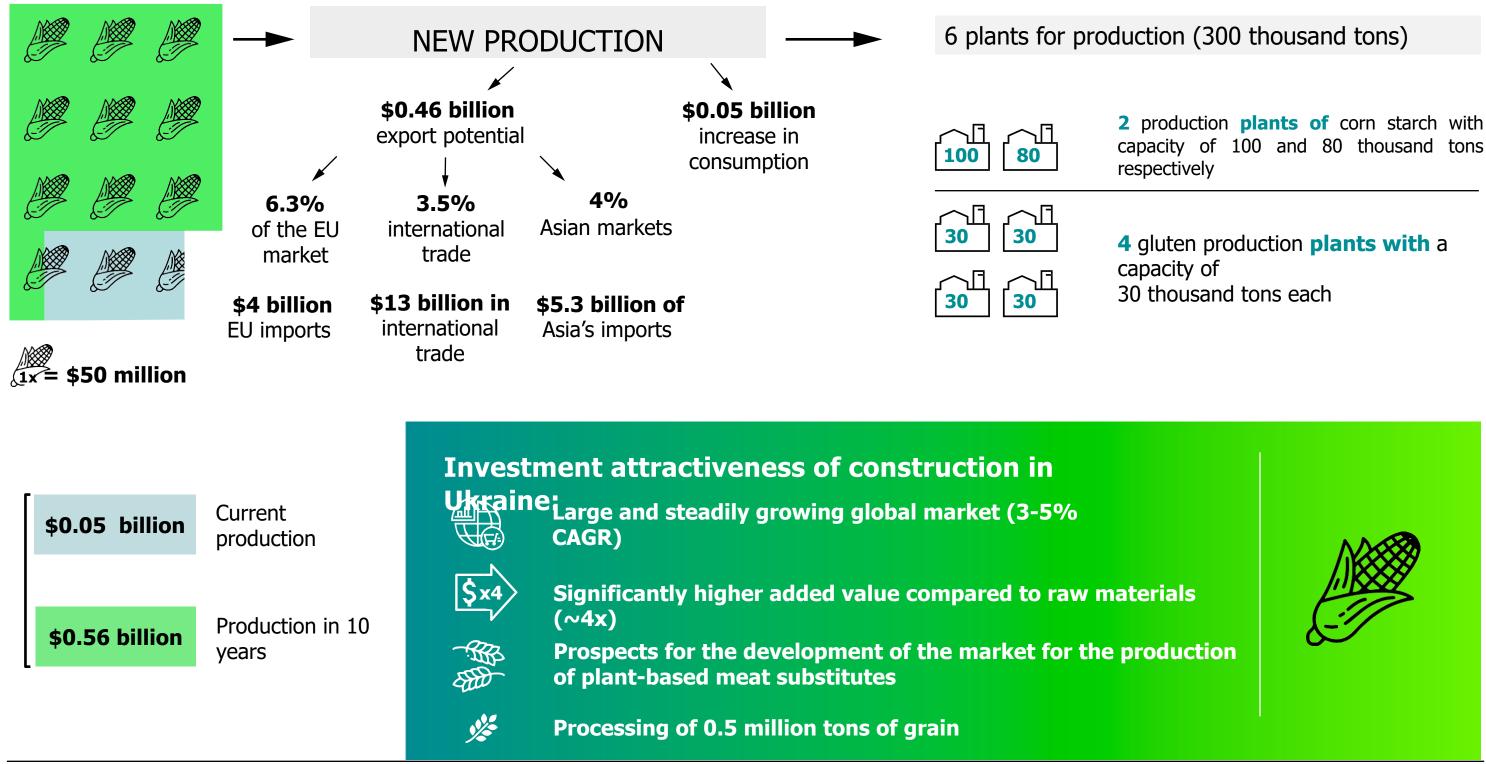


Refined Oils and Specialty Fats \$650 million of investments

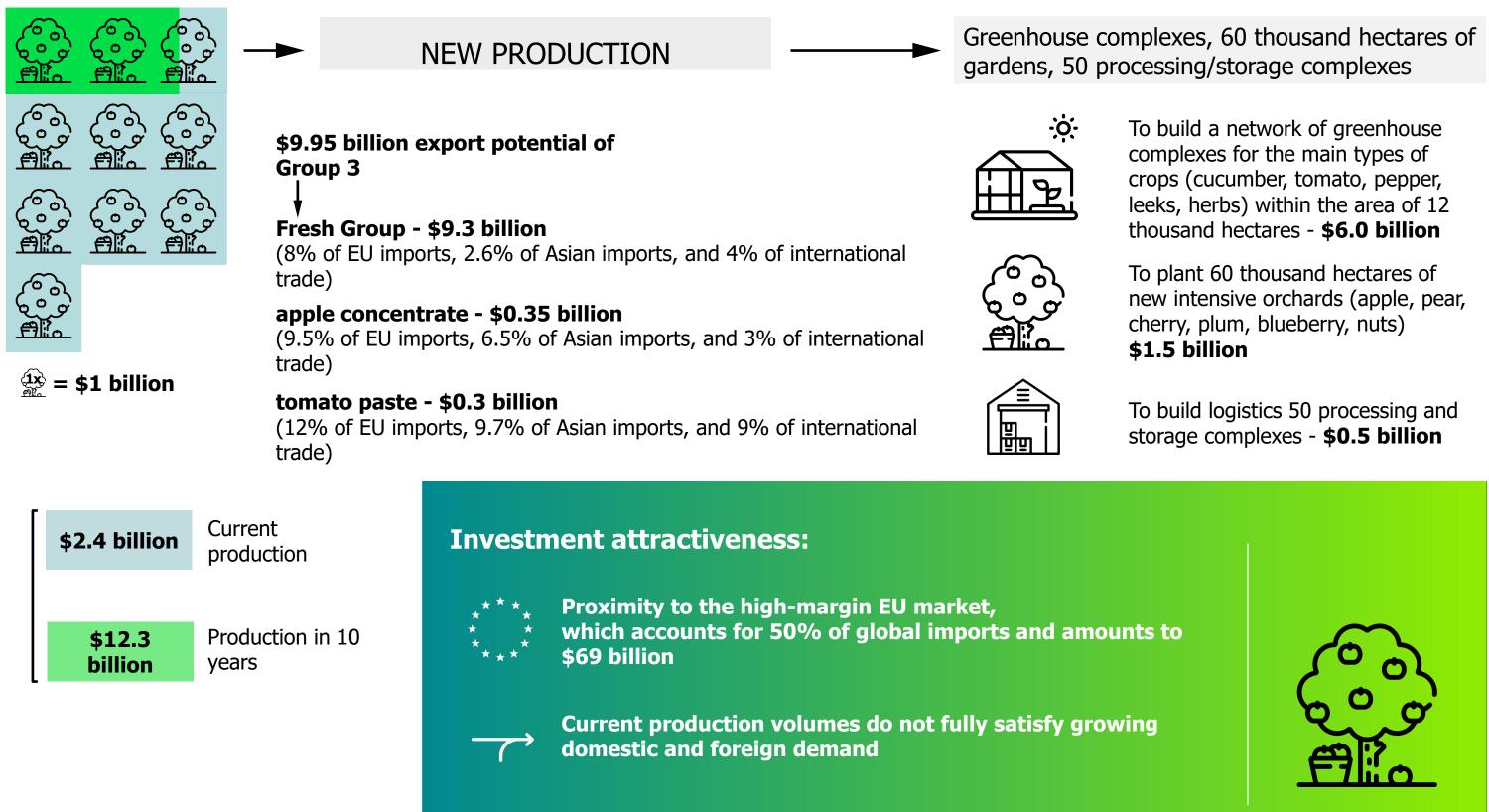




Corn Starch, Gluten \$400 million of investments



Production and Processing of Fruits and Vegetables \$8 billion of investments





Ministry of Food, Agriculture and Fisheries of Denmark

Danish Veterinary and Food Administration

Sustainable Food and Agriculture.

Danish-Ukrainian G2G cooperation.

Troels Mandel Vensild, Director for the Center for International Cooperation Danish Veterinary and Food Administration.

Cooperation between Ukraine and Denmark

- Long standing cooperation in the field of Food and Agriculture between both public authorities and private sector.
- The Danish Minister for Food, Agricultural and Fisheries visited L'viv in October 2023.
- Main partner authorities in Ukraine are the Ukrainian Ministry of Agriculture (Ministry of Agrarian Policy) and the Ukrainian Food and State Service of Ukraine (Food and State Service of Ukraine for Food Safety and Consumer Protection)



Ministry of Food, Agriculture and Fisheries of Denmark

Danish Veterinary and Food Administration





Strategic Sector Cooperation (SSC)



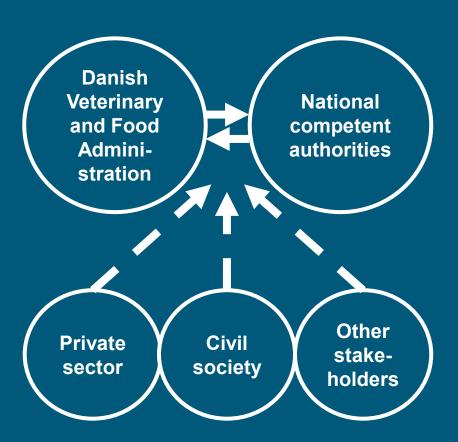
Ministry of Food, Agriculture and Fisheries of Denmark

Danish Veterinary and Food Administration

Peer-to-peer cooperation is the cornerstone of the SSC

The Danish cooperation partners are the Danish Veterinary and Food Administration and the Danish Embassy in a partner country

The cooperation partners are the relevant competent authorities in partner countries





Ministry of Food, Agriculture and Fisheries of Denmark

Danish Veterinary and Food Administration

DVFA core engagements in international cooperation

i) Reduction of food loss and food waste, incl. effective food safety, control systems, hygiene and proper feed and animal health management

(ii) Agroecology, including developing its foundation in form of a credible and effective government system for food, feed, animal health and veterinary control

(iii) Systems for ensuring "One Health" approach, incl. animal health and antimicrobial resistance (AMR)





Expectations



Ministry of Food, Agriculture and Fisheries of Denmark

Danish Veterinary and Food Administration

- A full SSC project has a duration of 3 times 3 years and is administered by DVFA.
- Partner authorities will actively engage and take responsibility for the identification and formulation of relevant and prioritized activities.
- The DVFA will finance all activities and costs related to Danish participation in partner countries as well as expenses for activities in Denmark.
- Partner authorities must also provide the necessary staff resources
- Involvement of civil society and private companies and organisations
- A platform that can connect private interests trade, exchange of knowledge and solutions.

👾 5 / Ministry of Food, Agriculture and Fisheries of Denmark - Danish Veterinary and Food Administration /



Ministry of Food, Agriculture and Fisheries of Denmark

Danish Veterinary and Food Administration

Thank you for your attention Questions?

Troels Mandel Vensild, Director for the Center for International Cooperation Danish Veterinary and Food Administration.

🤷 6 / Ministry of Food, Agriculture and Fisheries of Denmark - Danish Veterinary and Food Administration /



SERGIY P. KASIANOV UKRAINIAN BUSINESSMAN, PHILANTHROPIST, POLITICIAN



Born on March 30, 1966.

Chairman of the Board of Directors at KSG Agro Holding. Chairman of the Board at the Charitable Organization Social Development Fund "Future".

PhD in Engineering.

Received state awards:

Orders of Merit of the II and III degrees.

While working at the Verkhovna Rada of Ukraine of the 4th convocation, headed the Commission on the Integration of Ukraine to the World Trade Organization, and the Subcommittee on European Integration.

KSG AGRO

ONE OF THE MOST POWERFUL AGRICULTURAL HOLDINGS OF THE DNIPRO REGION

- □ Founded in the early 2000s.
- □ Listed on the Warsaw Stock Exchang.
- □ The land bank is about 20 thousand hectares.
- The company is vertically integrated and actively invests in almost all segments of the agricultural sector:
 - animal husbandry
 - □crop production
 - storage, processing and sale of agricultural products
 feed production
 biofuel production.

ECONOMIC FRONT KSG AGRO AN IMPORTANT COMPONENT OF THE COUNTRY'S FOOD SECURITY SYSTEM

The russian aggression resulted in the significant reduction of the frontline regions' agricultural production capacity. The company changed its strategy to ensure uninterrupted food supplies to the military and civilian population.

- Memoranda of cooperation signed with frontline military administrations.
- Dozens of tons of meat products are being provided for the needs of the Armed Forces of Ukraine, military formations, and civilian and military hospitals.
- The company helps temporarily displaced persons and socially vulnerable groups.



PIG PRODUCTION ONE OF THE COMPANY'S PRIORITY DEVELOPMENT AREAS

KSG Agro revives the livestock complex in Niva Trudova village (Dnipropetrovska oblast), the third largest in the former USSR

MAIN SUPPLY REGIONS:

Dnipropetrovs'k, Poltava, Kharkiv, Zaporizhzhia regions



PRODUCTION BUILDINGS

packaged products line of the feed mill



fed at the same time



POSITIONS IN BUSINESS RATINGS REGIONAL LEADER IN PORK PRODUCTION

TOP-20

OF THE MOST EFFICIENT AGRICULTURAL COMPANIES IN UKRAINE

"Forbes-Ukraine, 2015

TOP-20

THE MOST SUCCESSFUL FARMERS

"Focus, 2015

TOP-10

REPUTATION RATING

"Business, 2012



CORPORATE STANDARDS WORLD-CLASS MANAGEMENT AND QUALITY



LATEST TECHNOLOGIES

cooperation with Danish, Swiss, American and Canadian manufacturers.



Dan Breed (Denmark) Danish genetics, used since 2014.



QUALIFIED PERSONNEL

training programs with Danish and Canadian specialists.



QUALITY CONTROL

at all levels of the technological cycle: fattening, slaughter, production and supply.

BIO-SECURITY

sanitary and environmental monitoring, system of sanitary breaks and treatments.

OUR GOAL IS TO FEED THE NATION OF WINNERS!

To help the army and the country's economy, a program to increase production capacity was adopted.



OUR PARTNERS

DURING 2022, THE NUMBER OF THE COMPANY'S RECIPIENT PARTNERS GREW BY

The company's products are supplied to the largest retail chains and meat processing plants, including





23

PLANS FOR FURTHER DEVELOPMENT

DNIPROPETROVSK REGION

IMPLEMENTATION OF INVESTMENT PLANS FOR THE RECONSTRUCTION OF THE INDUSTRIAL PIG COMPLEX "NIVA TRUDOVA"

LOCATION: Kryvorizky district, Niva Trudova village

THE GOAL OF THE PROJECT: through the technical re-equipment of the housings, to increase the volume of pig meat production, technological productivity and overall profitability by:

- □ creation of a 3 MW solar power plant on a vacant plot of land
- installation of new equipment for keeping livestock in 9 buildings
- construction and equipment of the slaughterhouse
- modernization of the compound feed plant:
 automation and control systems
 granulation and microdosing systems for prescription feeds
 commissioning of the full-fat soybean line

BUDGET: 7,831,000 USD

Dnipro

KHERSON REGION

IMPLEMENTATION OF INVESTMENT PLANS FOR THE RECONSTRUCTION OF THE "NOVORAISK" COMMODITY PLAYER

LOCATION: Beryslav district, Novoraysk village

THE GOAL OF THE PROJECT: to increase the volume of pig meat production, increase technological productivity and overall profitability by:

- technical re-equipment of housings
- creation of a new manure removal system
- installation of equipment for keeping livestock
- reconstruction of engineering systems
- □ increase in the parental herd

BUDGET: 2,492,000 USD

CREATION OF A NEW BREEDING FARM

CAPACITY: 1137 sows

GENETICS: purebred stock of world technological leaders

BUDGET: 8,822,000 USD

Novorayske

Kherson

MYKOLAIV REGION

IN REVIVING THE ECONOMY OF THE REGIONS THAT SUFFERED SIGNIFICANT LOSSES DURING THE HOSTILITIES, THE COMPANY PLANS TO INVEST IN LIVESTOCK FARMING, MEAT PROCESSING AND UNINTERRUPTED FOOD SUPPLY.

The company is looking for a potential site in Mykolaiv region for CONSTRUCTION OF A NEW MEAT PROCESSING PLANT

The choice of location takes into account the specifics of consumption during the war, security and logistics requirements.

- From the pig farm
 KHERSON 98 km
 MYKOLAIV 180 km
- The new pig farm and meat processing plant will provide quality products to three areas

KHERSON, MYKOLAIV AND ODESA

INTERNATIONAL COOPERATION

KSG AGRO IS ACTIVELY DEVELOPING INTERNATIONAL COOPERATION TO RESTORE THE REGIONS AFFECTED BY THE WAR. IN PARTICULAR, THE DNIPRO AND KHERSON REGIONS.

The owner of the company, Sergiy Kasianov, is an advisor to the Chairman of the Kherson Regional State Administration on international cooperation and regional development and to the Head of the Dnipro Regional Council.

The implementation of the regional recovery strategy, which involves Ukrainian and European partners, provides for:

- reviving economic potential and infrastructure;
- attracting foreign investment;
- demining of territories, primarily agricultural land;
- preventing the trauma epidemic, helping those physically affected by the war;
- implementation of humanitarian aid programs.











Crop production

REVIVAL OF ANIMAL HUSBANDRY WILL GIVE A SIGNIFICANT IMPETUS TO THE SOCIO-ECONOMIC DEVELOPMENT OF UKRAINE AND WILL BRING OUR COMMON VICTORY CLOSER!

"We ask for your assistance in strengthening the food system of Ukraine."

Sincerely SERGIY KASIANOV

Ukraine Investment Forum – Agriculture Industry

How to enter the Ukrainian market as a Danish company

Jan Lund, Director

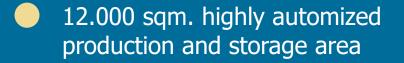


Who are we

Family owned business since 1961, now in 3 generation

Based in Skive, Denmark

50 employees





What we do

Dedicated to develop and produce machines for grain handling

Focus on costumer value

Digitizing for more avalibility for customers and reach green goals





Where we are

60% of turnover are export

Main target are European and domestic markets

Go to Market strategi trough network of "Trusted Dealers"

Considerations entering the Ukrainian market in 2020

Pro's: Potiental

- One of the biggest grain producers in Europe
- Only Aprox. 50% storage capacity
- Premature market expect to develop and optimize
- Established professional specialists/companies

Con's

- Culture (i.e. power distance, avoidance, indulgence)
- Lauange Implementering a f nye IT systemer
- Trade barrier in coustoms and authorities
- Corruption



What did we do

Internal

- Hire Ukrainian sales support Lauange and understanding culture
- Close support to dealer/partner in local demands
- Understand and support setup for custom claerance

External

- Establish coorperation with professional dealer (network)
- Presence (Visits, fairs, online branding)
- Support to "on-site" installation

Results



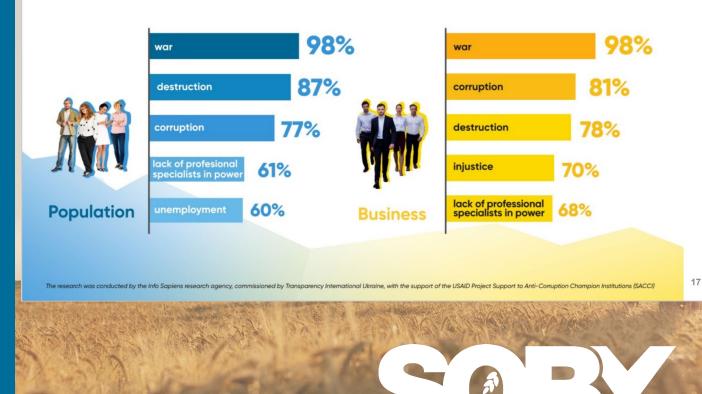


Situation 2024 Challenges

"War is unfortunately a condition"

- Grain export and prices
- Financing
- Lack of workforce (Mobilisation)
- Building permissions
- Corruption

HOW TO REBUILD UKRAINE | Main problems now



Thank you for your attention





Agriculture workshop

Thank you for your attention!

Michael Stahlschmidt Danish Agriculture & Food Council Market Manager <u>mis@lf.dk</u> +45 21 24 17 11

