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AQUA & AGRO CITY

OZERNINSK

HIGHTECH BIOCLASTER
CONSTRUCTION & DEVELOPMENT PROJECT
MOSCOW

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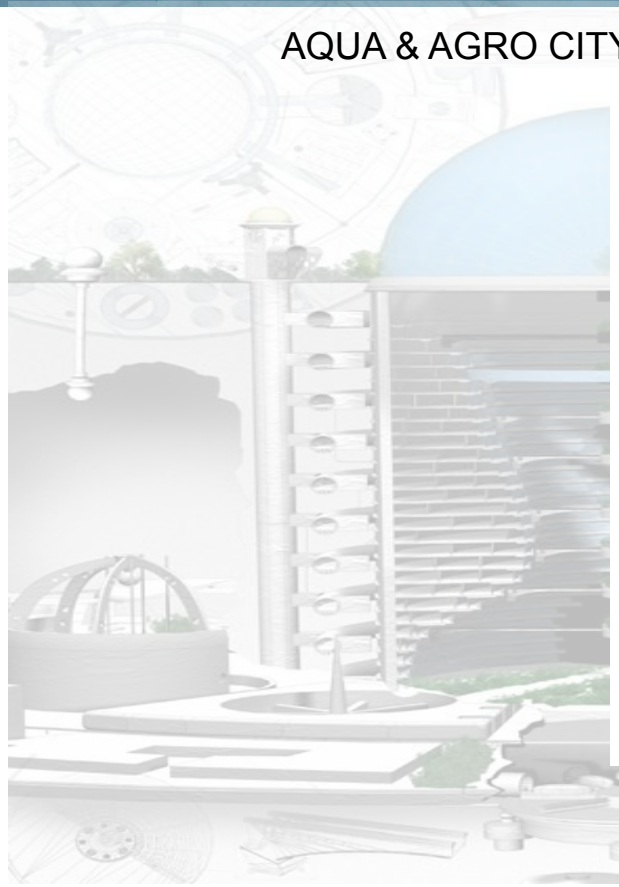
AQUA & AGRO CITY/OZERNINSK BRIEF PROJECT OVERVIEW



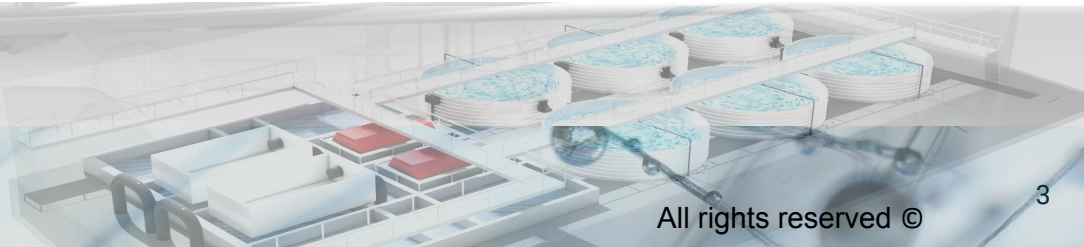
GEOGRAPHICAL LOCATION:
RUSSIA, MOSCOW REGION, RUZSKY DISTRICT, OZERNINSK FISHERY FARM
AREA: 145,7 HECTARES

PROJECT STAGE:
- BUSINESS-MODEL STRUCTURING
- ENGINEERING AND KEY TECHNICAL NODES DESIGN AND PROJECT DEVELOPMENT

FOUNDERS' INPUT & CONTRIBUTION:
- INTELLECTUAL PROPERTY, OWN KNOW-HOW OF BUSINESS MODEL AND ENGINEERING SOLUTIONS
- LAND PLOT WITH 27 OBJECTS STRUCTURES AND BUILDINGS, ELECTRIC POWER SUBSTATION (8 MW)

TOTAL ESTIMATED COST: **10 mln. Euro**

REQUIRED INVESTMENTS:
- UNDERGROUND LEVEL/AQUA & AGRO CITY: **60 mln. Euro**
- GROUND LEVEL/EDUCATIONAL AND R&D CLUSTER: **56 mln. Euro**
  (EDUCATIONAL/R&D CLUSTER PROJECT SHALL BE PRESENTED SEPARATELY)
- LEGAL SUPPORT OF KNOW-HOW, TECHNOLOGY SOLUTIONS AND TRADEMARKS



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TOTAL ESTIMATED COST: **10 mln. Euro**

REQUIRED INVESTMENTS:
- UNDERGROUND LEVEL/AQUA & AGRO CITY: **60 000 000 Euro**
- RETURNS ON INVESTMENTS (ROI): **8-10%**

ROI TERM:
- INVESTMENT PROJECT ROI **2,5-3** YEARS FROM THE MOMENT OF DESIGNED OUTPUT LAUNCH
- RETURN OF INVESTMENT ANNUALLY WITHIN 3-YEAR TERM

BUSINESS STRATEGY KNOW-HOW:
- AQUACULTURAL COMPLEX – PRODUCTION COSTS DECREASE **DOWN TO 50%**
- AGRICULTURAL COMPLEX – PRODUCTION COSTS DECREASE **DOWN TO 30%**
- DATA PROCESSING CENTER – PRODUCTION COSTS DECREASE **DOWN TO 40%**

KEY ECONOMIC INDICATORS:
- INTERNAL RATE OF RETURN: **21,3%**
- NET PRESENT VALUE (NPV): **23,3 mln. Euro**

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AQUA & AGRO CITY OZERNINSK PROJECT: INVESTMENT ATTRACTIVENESS FEATURES

BIOCLUSTER LOCATION

- Strategic Cluster location on the West of Moscow Region; historically based on Fishery Farm Complex built in 1976
- Large-scale Cluster's infrastructure area of 145,7 hectares that create high entry level for the new players
- Transportation accessibility due to nearby main highways and roads, railroad dead-end trucks within 20 km radius: allows to perform fast and economically efficient product supply irrespectively of the region and country.

SUSTAINABLE ECONOMIC VIABILITY

- High product portfolio diversification: based on geography of sales and drivers of demand
- Export orientation of the product sales market: Ruble-based expenses and foreign currency-based profit will maintain economic stability at all global production cycles and supply
- Combined industrial complex: [Aqua-/Agri-/Algal- cultures and products + innovated sources of energy supply = sustainability and risk-free factors]
- EBIDTA maximum class margin for each project direction as well as per 1 hectare of the land plot .

UNIQUE GROWTH STRATEGY

- Production of Aqua-/Agri-/Algal- cultures based on FoodTech solutions, AI, automated workflow and Data Center [3E] with use of ecological energy – the efficient monetization of largest provider of digitally equipped land plots in the region
- SOLAR AGRO – new large-scale enterprise – the suppller of innovative sources and system of electricity storage using Water- and Land- based technologies: will allow to maintain high level of economic viability within 15-year.

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AQUA & AGRO CITY OZERNINSK

PROJECT INFO

- UNIQUE VERTICALLY INTEGRATED HIGH-TECH BUSINESS PROJECT OF AQUA-/AGRI-/ALGAL CULTURES PRODUCTION STRUCTURES
- USE OF ECOLOGICAL AND NATURE-SAVING TECHNOLOGIES IN CONJUNCTION WITH THE MOST ADVANCED DIGITAL INSTRUMENTS AND ASSETS WILL ALLOW THIS INVESTMENT PROJECT EXIST IN “BLUE ECONOMY” SECTOR
- ONE OF THE HIGHEST EBIDTA MARGINE IN THE WORLD FOOD PRODUCTION SYSTEM
- PERSPECTIVE TO TAKE LEADING MARKET POSITIONS AT THE INTERNATIONAL LEVEL DUE TO THE CURRENT TRENDS ON FOODTECH PRODUCTION
- TECHNICAL PARTNERS:

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS

AquaSpark
› Investing in the Future of Aquaculture

THE GOOD FOOD INSTITUTE

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VERTICAL BUSINESS PROCESSES INTEGRATION

EXPERIMENTAL BIOTECHNOLOGY LABS

valley
[a(qua) + a(gro)]
www.ozerninsk.ru.com

FLORAFOOD

IQ!FOOD

PRODUCTION COMPLEX AND PRODUCT PROCESSING UNITS

SEAFOOD

AQUACULTURES

GREENFOOD
GREENHOUSE FARM

AGRICULTURES

ALGOCULTURAL COMPLEX
RUSSIA
ALGAE 5.0

ALGOCULTURES

HERBALFOOD
HERB PLANTATION & LAB

PHYTOPRODUCT PRODUCTION UNIT

FERTILIZERS FEED ADDITIVES

FERTILITIES AND FEED ADDITIVES

FOOD'2050
AQUA &AGRO FOODTECH

FOOD PRODUCTION UNITS

TECHNOLOGICAL COMPLEX OF BIOCLUSTER OPERATIONAL INDEPENDENCE

WATER TECH AGRO

ENGINEERING AND PROJECT STRUCTURES DEVELOPMENT COMPANY

SOLAR AGRO

CLUSTER ENERGY SUPPLY COMPANY

OZERNINSK & CITY
AQUA & AGRO

MANAGEMENT AND LEGAL COMPANY

DATA CENTER
AQUA&AGRO [3E]

ECO DATA PROCESSING AND IT CENTER

Mark's Lab.
MARKING CODE LABORATORY

MARKING AND STANDARTIZATION LAB

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CLUSTER EXPERIMENTAL BIOTECHNOLOGY LABS

valley
[a(qua) + a(gro)]
www.ozerninsk.ru.com

VALLEY AQUA+ALGAE

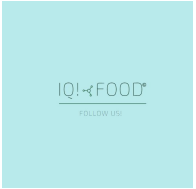
LABORATORY

- DEVELOPMENT OF AQUA- AND ALGO-BIOTECHNOLOGIES
- DEVELOPMENT OF GENETIC TECHNOLOGIES FOR PRODUCT CULTURE MODIFICATION AND WILD SPECIES DOMESTICATION
- EFFICIENCY INCREASE OF THE FISHES FEEDING BASE
- MARKER-ASSISTED SELECTION

FLORAFOOD

LABORATORY

- DEVELOPMENT OF AGRO- AND PHYTO- TECHNOLOGIES
- DEVELOPMENT OF DIGITAL PROFILES OF THE CULTIVATED SPECIES
- DEVELOPMENT OF AGRO BIOTECHNOLOGY CARDS/ORGANICS + BIOLOGIZATION
- SELECTION AND ADAPTATION OF NEW HYBRID FORMS



IQ! FOOD

LABORATORY

- DEVELOPMENT OF NEW TYPOLOGICAL SCHEMES ON ORGANIC PROTEIN CULTIVATION
- DEVELOPMENT OF COMMERCIAL METHODS OF BIOPROCESSING OF PROTEIN INGREDIENTS
- DEVELOPMENT OF STRATEGIES FOR COMBINING AND PROCESSING OF VEGETABLE MEET

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FLORAFOOD
LABORATORY

- DEVELOPMENT OF AGRO- AND PHYTO- TECHNOLOGIES
- DEVELOPMENT OF DIGITAL PROFILES OF THE CULTIVATED SPECIES
- DEVELOPMENT OF AGRO BIOTECHNOLOGY CARDS/ORGANICS + BIOLOGIZATION
- SELECTION AND ADAPTATION OF NEW HYBRID FORMS

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IQ! FOOD
LABORATORY

- DEVELOPMENT OF STRATEGIES FOR COMBINING AND PROCESSING OF VEGETABLE MEET

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AQUA & AGRO CITY OZERNINSK

- DEVELOPMENT OF NATURE-SAVING TECHNOLOGIES ENERGY CONSTRUCTION COMPANY
- UNIFIED ENERGY SYSTEM INSIDE THE BIOCLUSTER
- ENERGY BRIDGE BETWEEN THREE ALTERNATIVE SOURCES OF ELECTRICAL POWER
- ACCUMULATORY BACKUP ELECTRICITY SYSTEMS
- AUTOMATED SYSTEM OF ELECTRICITY CAPACITY CONTROL

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TECHNOLOGY COMPLEX OF BIOCLUSTER OPERATIONAL INDEPENDENCE

ENERGY & CONSTRUCTION BIOCLUSTER COMPANY

SOLAR AGRO

- PROJECT & DEVELOPMENT OF THE UNIFORM ENERGY SYSTEM TO ACHIEVE MAXIMUM ENERGY EFFICIENCY LEVEL FOR RESOURCE DISTRIBUTION INSIDE THE CLUSTER
- PROJECT & DEVELOPMENT FOR ELECTRICITY HELIOS SYSTEMS WITHIN THE AREA OF 10 AQUA HECTARES
- PROJECT & DEVELOPMENT OF HYDRO GENERATING ENERGY BLOCK FOR THE CLUSTER
- PROJECT AND DEVELOPMENT OF COMPLEXED VERY-SMALL HYDROELECTRIC POWER STATION BASED ON KINETIC ENERGY OF RECIRCULATING WATER SUPPLY OF THE CLUSTER WITH WIND- AND HELIO- ENERGY SUPPLY STRUCTURES WITHIN THE AREA OF 10 HECTARES
- PROJECT & DEVELOPMENT FOR ENERGY SUPPLY BRIDGE BETWEEN THREE ENERGY BLOCKS OF THE CLUSTER,
- PROJECT & DEVELOPMENT OF ACCUMULATORY BACKUP ELECTRICITY SYSTEMS
- PROJECT & DEVELOPMENT, REALIZATION AND MANAGEMENT OF THE OPERATION MANAGEMENT OF THE CLUSTER ENERGY RESOURCES TO ENSURE NON-INTERRUPTIVE ELECTRICITY SUPPLY FOR ALL BIOCLUSTER. DEVELOPMENT AND MANAGEMENT OF ELECTRICITY SUBSTATION FOR EACH PRODUCTION UNIT
- DESIGN AND SCALING OF AUTOMATED SYSTEM OF ELECTRICITY CAPACITY CONTROL ON EACH DISTRIBUTIVE NODE AND LOCAL ELECTRICITY SUBSTATION

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TECHNOLOGY COMPLEX OF BIOCLUSTER OPERATIONAL INDEPENDENCE

PROJECT ENGINEERING COMPANY

WATER TECH AGRO

- PLANNING & PROJECT DEVELOPMENT OF PRODUCTION ENGINEERING SYSTEMS FOR WATER-EFFICIENT USE AND SUPPLY OF THE CLUSTER
- PLACEMENT AND CONTROL OF THE SITES FOR WATER QUALITY CONTROL SYSTEMS/DATA REGISTRATION CENTERS AND CONTROL LAB
- PLACEMENT AND CONTROL OF THE BIOLOGICAL WASTEWATER TREATMENT STATION
- PLACEMENT AND CONTROL OF THE CLUSTER RECYCLING WATER SUPPLY SYSTEM
- PLACEMENT AND CONTROL OF THE SYSTEM OF RECYCLING PRODUCTION UNIT OF AQUACULTURES
- DEVELOPMENT AND REALISATION OF IRRIGATION SYSTEM FOR AGRICULTURAL PRODUCTION UNIT
- DEVELOPMENT AND PREPARATION OF THE BACKUP WATER SUPPLY STATION
- DEVELOPMENT AND REALISATION OF FILTER STATION FOR EACH PRODUCTION UNIT
- PROJECT & DEVELOPMENT OF THE SYSTEM OF THE REPEATED USAGE OF THE SEWAGE WATER IN TECHNOLOGY CYCLES SEWAGE
- DEVELOPMENT AND REALISATION OF THE COOLING SYSTEMS FOR ECO DATA PROCESSING CENTER [3E]

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GREEN TECHNOLOGY DEVELOPMENT
ECO DATE PROCESSING CENTER

- ECOLOGY, ECONOMY, EFFICIENCY
- “GREEN” DATA PROCESSING CENTER
- THE CLUSTER RECUPERATION SYSTEM WILL USE RENEWABLE ENERGY ONLY

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TECHNOLOGY COMPLEX OF BIOCLUSTER OPERATIONAL INDEPENDENCE

ECO DATA PROCESSING CENTER

DATA CENTER [3E]

- TOTAL AREA OF ECO CENTER IS 20 000 sqm: FOR 900 RACKS, 4 APPARATUS ROOMS
- DATA PROCESSING CENTER WILL BE USED BY THE CLUSTER CORPORATE STRUCTURE AS WELL AS BY THIRD PARTY ORGANIZATIONS
- [3E] MODEL OF THE DATA CENTER: **E**COLOGY, **E**CONOMY, **E**NERGY EFFICIENCY
- TELECOMMUNICATION CRITERIA LEVEL/USE OF DARK FIBER OPTIC ON DIRECT ACCESS/SIGNIFICANT COMMERCIAL ADVANTAGE AS COMPARED TO OTHER SIMILAR MARKET PLAYERS ADVANTAGE
- TIER 3+ RELIABILITY LEVEL UNDER TIA-942 AND COMPLIANCE WITH IL3 STANDARDS
- 82% OF THE CLUSTER ELECTRICITY SUPPLY IS GENERATED BY RENEWABLE ENERGY RESOURCES /WATER SUPPLY ELECTRICITY DISTRIBUTION SHARE - **65%**, SOLARE ENERGY - **11 %**, WIND-DRIVEN GENERATORS - **6%**: SIGNIFICANT DECREASE OF OPERATIONAL EXPENDITURE OF THE DATA CENTER AND ALLOW TO ACHIEVE THE HIGHEST LEVEL OF ENERGY RESERVES
- USE OF WATER BASED COOLING SYSTEMS OF THE SERVER'S: CERTIFICATE OF "GREEN" DATA PROCESSING CENTER.

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AQUACULTURE PRODUCTION COMPLEX

- THE PRODUCTION COMPLEX IS A NETWORK OF UNDERGROUND AQUA BLOCKS
- THE TOTAL AREA OF AQUA AND MARICULTURE FACILITIES IS 100,000 M2
- RECIRCULATING AQUACOMPLEX SYSTEM
- DIGITAL PROFILE OF EACH CULTIVATED CROP FROM THE STAGE OF PLANTING FRY TO THE STAGE OF SHIPMENT OF FINISHED AQUATIC PRODUCTS, AVAILABLE TO THE END USER IN A DIGITAL APPLICATION
- LEGAL AQUASPACE - INTERNATIONAL STANDARDS OF BIOSAFETY, STANDARDIZATION AND RATIONALIZATION

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CLUSTER PRODUCTION COMPLEX AND PROCESSING UNITS

SEAFOOD AQUACULTURE PRODUCTION COMPLEX

- COMPLEX OF AQUA AND MARICULTURE FACILITIES WITH AN AREA OF 100,000 M2,
- THE CULTIVATION OF STURGEON AND SALMON SPECIES, INCLUDING PRODUCTION OF CAVIAR/, 5 SPECIES OF DECAPOD CRUSTACEANS / CANCER FARM, CRAB FARM, SHRIMP FARM, FARM LOBSTER FARM LOBSTER/, 2 SPECIES OF MOLLUSCS /SHOP THE CULTIVATION OF SCALLOPS, OYSTER FARM,
- 70 % PRODUCTS EXPORT TO EU, USA, AFRICA, 30% DOMESTIC / RUSSIA/
- RECIRCULATING AQUACULTURE SYSTEM (RSA)IN THE COMPLEX, SERVICED BY THE CLUSTER ENGINEERING COMPANY **WATER TECH AGRO,**
- THE ENTIRE PRODUCTION COMPLEX IS A NETWORK OF UNDERGROUND AQUABLOCKS,
- USE OF ECO-FRIENDLY TECHNOLOGIES /WASTE-FREE ORGANIC IMPACT ON THE ENVIRONMENT, REDUCING UP TO 50% OF THE CARBON FOOTPRINT OF AQUACULTURE/,
- ENERGY-EFFICIENT VACUUM AIRLIFT SYSTEM, THEREBY REDUCING OPERATING COSTS FOR ELECTRIC POWER AND FAVORABLY AFFECTING THE ECOSYSTEM OF THE CLUSTER,
- OWN PRODUCTION IN THE STRUCTURAL COMPANY OF **FERTILIZERS & FEED ADDITIVES** CLUSTER / PRODUCTION SHOP OF FEED AND FERTILIZERS/ BIOTECHNOLOGICAL NUTRIENT COMPLEXES OF THE FEED BASE, USING MICROALGAE COMPONENTS,
- AUTOMATIC BLOCK MAINTENANCE SYSTEMS AT ALL STAGES OF AQUA AND MARICULTURE BREEDING,
- ICT REGULATION OF AQUACULTURE BREEDING CYCLES WITH DATA STORAGE IN THE INDIVIDUAL DIGITAL PROFILE OF EACH CROP IN THE STRUCTURAL COMPANY **DATA CENTER [3E]**,
- TECHNICAL COOPERATION WITH THE FOOD AND AGRICULTURE ORGANIZATION (FAO) ALLOWS THE INTRODUCTION OF BEST PRACTICES IN THE FIELD OF BIOSAFETY, STANDARDIZATION AND RATIONALIZATION OF THE LEGAL AQUASPACE BUSINESS MODEL THROUGH THE STRUCTURAL LABORATORY OF LABELING AND STANDARDIZATION **MARK'S Lab.**

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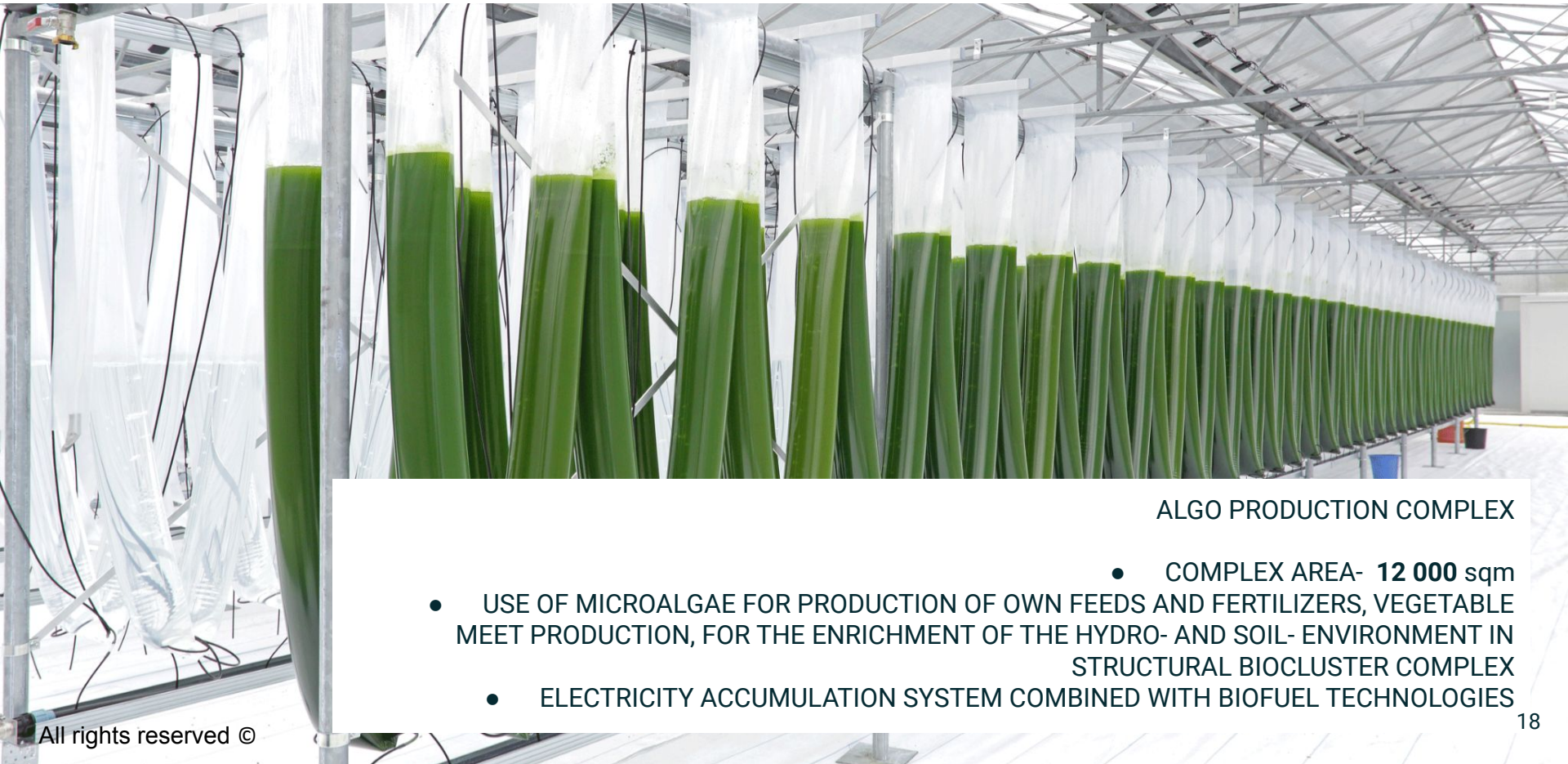

ALGO PRODUCTION COMPLEX

- COMPLEX AREA- **12 000** sqm
- USE OF MICROALGAE FOR PRODUCTION OF OWN FEEDS AND FERTILIZERS, VEGETABLE MEET PRODUCTION, FOR THE ENRICHMENT OF THE HYDRO- AND SOIL- ENVIRONMENT IN STRUCTURAL BIOCLUSTER COMPLEX
- ELECTRICITY ACCUMULATION SYSTEM COMBINED WITH BIOFUEL TECHNOLOGIES

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CLUSTER PRODUCTION COMPLEX AND PROCESSING UNITS

ALGOCULTURAL COMPLEX

RUSSIA

ALGAE 5.0

ALGO- CULTURES PRODUCTION COMPLEX

ALGAE 5.0

- ALGOCULTURES STRUCTURES WITH THE AREA OF **12 000 sqm.**
- CULTIVATING OF THE PERSPECTIVE PLANKTON STRAINS OF MICROALGAE CHLORELLA & SPIRULINA,
- 30% OF PRODUCTS WILL BE REALLOCATED BETWEEN THE CLUSTER COMPANIES; 50% OF PRODUCTS WILL BE EXPORTED TO EUROPE/US/AFRICA/20% OF PRODUCTS WILL BE SOLD ON INTERNAL MARKET
- FURTHER USE FOR PRODUCTION OF THE OWN **FEEDS, FERTILIZERS & FEED ADDITIVES** BY PRODUCTION UNI/FOR AQUA CULTURES COMPLEX AND SALE TO THE THIRD PARTIES
- INTEGRATION WITH THE ENGINEERING AND STRUCTURE COMPANY AND **WATER TECH AGRO** WILL ALLOW TO RECEIVE THE BEST QUALITY HYDRO ENVIRONMENT FOR CULTIVATING AQUA AND SEAWATER SPECIES IN AQUA COMPLEX AS WELL AS ON HYDROPONIC SYSTEMS USED IN AGROCOMPLEX
- INTERCONNECTION WITH THE AGRICULTURES COMPLEX FOR ALGALIZATION OF THE SOIL ENVIRONMENT IN AGOR-AND PHYTO PRODUCTION UNITS
- ALGA PROCESSING OF MICROALGAE FOR COMPONENTS PRODUCTION FOR THE COSMETIC, FOOD AND MEDICAL AREAS,
- USE OF MICROALGAE IN THE CLUSTER LABS, SPECIFICALLY FOR **IQ!FOOD** AND FEED PRODUCTION UNIT **FOOD'2050** TO REVEAL AND FURTHER PRODUCTION OF THE IMPROVED CONTENTS USED FOR VEGETABLE MEAT PRODUCTION.

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ALGO- CULTURES PRODUCTION COMPLEX

- COMPLEX AREA MORE THAN 170 000 sqm
- AGROCOMPLEX – NETWORK OF UNDERGROUND AND GROUND AGROBLOCKS
- COMBINATION OF AERO AND HYDROPONIC GROWTH TECHNOLOGY
- BLOCK OF EXPERIMENTAL HYBRID SELECTION OF THE PLANT AND AGRICULTURAL SPECIES
- DIGITAL PROFILE OF ALL CULTURES, FROM THE SEED STATION UNTIL SUPPLY OF THE READY-TO-USE PRODUCTS TO THE END USER VIA DIGITAL APP

CLUSTER PRODUCTION COMPLEX AND PROCESSING UNITS

AGROCULTURAL PRODUCTION COMPLEX

GREENFOOD

- HIGH-LEVEL AUTOMATED AGRO PRODUCTION **UNDERGROUND GLASSHOUSE COMPLEX** WITH THE AREA OF 100 000 sqm & **HERB PLANTATION & LAB** WITH THE AREA 50 000 sqm, **PLANT-FEEDING BEAN AND SOYA CULTURES** WITH THE AREA OF 20 000 sqm
- CULTIVATION OF VEGETABLE CULTURES, BERRIES (FEN BERRY), MEDICATIVE HERBS
- REALIZATION OF AGRICULTURES: **60% -** FOR INTERNAL MARKET**, 40% -** FOR EXPORT; PHYTOCULTURES: **90%** - FOR EXPORT, 10% - FOR INTERNAL MARKET; BEAN AND SOYA CULTURES: *50%* - FOR EXPORT, **50**% - FOR INTERNAL MARKET
- CULTIVATION BLOCK FOR HETEROTIC HYBRIDS OF THE HIGH-PRODUCTIVE AGRICULTURAL PLANTS AND PHYTOCULTURES COMPLEX USAGE OF THE ADVANCED TECHNOLOGIES FOR PLANTATION AND PLANT-FEEDING SELECTION JOINTLY WITH THE **FLORAFOOD CLUSTER LAB**
- EXPERIMENTAL AND DEVELOPMENT COMPLEX FOR SEED MATERIALS STORAGE
- AUTOMATED CONTROL SYSTEM FOR ALL STAGES OF AGRICULTURAL GROWTH TO DECREASE THE OPERATIONAL EXPENSES
- INTEGRATION WITH THE BIOCLUSTER COMPANIES **DATA CENTER [3E], WATER TECH AGRO, ENGINEERING AND PROJECT COMPANY** FOR THE MOST EFFICIENT USAGE OF THE WATER SUPPLY RESOURCES FOR GLASSHOUSE COMPLEX HEATING TECHNOLOGIES
- INTEGRATION WITH THE STRUCTURED COMPANY **FERTILIZERS & FEED ADDITIVES** PRODUCTION UNIT WILL ALLOW THE MOST EFFICIENT CULTIVATION OF AGRO- AND PHYTO- CULTURES.

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PRODUCTION COMPLEX PROCESSING ASSEMBLY LINE FOR AQUACULTURES AND VEGETABLE MEET PRODUCING
FOOD’ 2050

- PROCESSING COMPLEX AREA: 2 000 sqm
- FOODWARE PRODUCTION
- VEGETABLE MEAT FOOD PRODUCTION

CLUSTER PRODUCTION COMPLEX AND PROCESSING UNITS

FEED AND FERTILIZERS PRODUCTION UNIT

FERTILIZERS & FEED ADDITIVES

- HIGHTECH PRODUCTION SITES COMPLEX FOR PRODUCTION OF FISHERIES FEED PRODUCTS AND FERTILIZERS FOR PLANTATION WITH THE AREA OF 10 000 sqm
- PRODUCTS' REALIZATION: FOR EXPORT - **50%** (USA, EUROPE, ASIA, AFRICA); INTERNAL USAGE IN CLUSTER – **30%;** SALE ON THE INTERNAL MARKET (RUSSIA) - *20%*

PRODUCTION COMPLEX PROCESSING ASSEMBLY LINE FOR AQUACULTURES AND VEGETABLE MEAT PRODUCING

FOOD' 2050

- USAGE OF AUTHORS' AND COMMONLY USED RECIPES FOR PRODUCT LINE BASED ON THE VEGETABLE MEET IMITATING TRADITIONAL MEAT AND FISH FOOL ANALOGIES WITH THE AREA OF 10 000 sqm,
- PRODUCTS' REALIZATION: FOR EXPORT - **80%** (INCLUDING, SUB-CONTRACTED PRODUCTION PART)/INTERNAL MARKET – **20%**.

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WORLD SITUATION ASSESSMENT

The multiple factors, including rapid population growth, urbanization, change of the consumption models, are the challenges for the existing food production systems to provide nutrition and quality food products and to ensure sustainable ecological development. Our food production systems make its own input to the extreme weather conditions due to the climate change, soil degradation and loss of biodiversity, and have a global impact. Our reaction to these challenges shall require system approach that will consider all spectrum and complexity on the basis of integrity and sustainability.
Creation of the stable food production system shall ensure economic stability, social stability and environmental stability.

Today, fishering production, plantation and cultivation of algae today – this is the most rapidly growing food production sector in the world.

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https://www.foodsystemsdashboard.org. DOI: https://doi.org/10.36072/db."

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