







NCF

NATIONAL CHAMBER OF ENGINEERS OF THE RUSSIAN FEDERATION









THE NATIONAL CHAMBER OF ENGINEERS (NCE) UNITE PROFESSIONAL ENGINEER-ENTREPRENEURS, WHO HAVE REALIZED THEIR POTENTIAL IN DIFFERENT SECTORS, RUN THEIR OWN BUSINESSES, AND HAVE THE ABILITY TO MINIMIZE THE CHANNELS OF COMMUNICATION FOR THE OPENING OF NEW INDUSTRIES, CREATION OF NEW GOODS OR ADAPTATION OF THE MASS PRODUCTION TO THE DEMANDS OF SPECIFIC CUSTOMERS







NATIONAL CHAMBER OF ENGINEERS HARD SKILLS AND INTERNATIONAL EXPERIENCE

















ORDEM

ENGENHEIROS

DOS





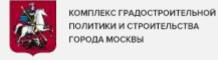








≫КБИ-1



ЗАО "Сервис ВМФ"











ЖЧЕЛЯБГИПРОМЕЗ



ЖНОПРИЗ









ООО ЗАВОД









ROMIGO

















РГУ нефти и газа имени И.М. Губкина



















МАШИНОСТРОИТЕЛЬНЫЙ КЛАСТЕР РЕСПУБЛИКИ ТАТАРСТАН







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3D STILE





Ultimatum. Light Group

ULTIMATUM: LIGHT GROUP













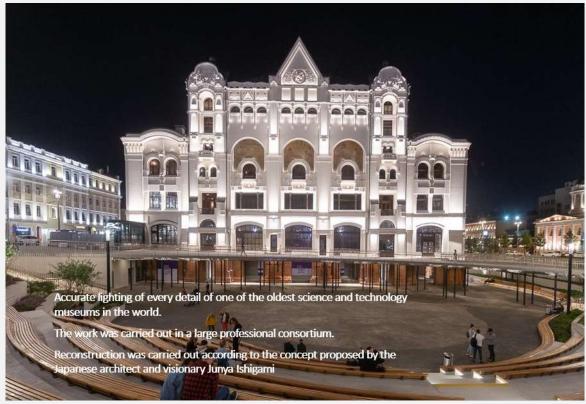
AN OBJECT WHICH STANDS OUT, TRANSFORMS TO A CENTER OF ATTRACTION, APPEARS IN PHOTOS, BECOMES POPULAR. OBJECTS REQUIRE UP TO 12 HOURS ILLUMINATION A DAY NOT TO FADE INTO DARKNESS. FOR 15 YEARS WE COME UP WITH ORIGINAL SOLUTIONS, WHICH SHOW HIGH QUALITY ARCHITECTURE IN THE BEST LIGHT, ATTRACT ATTENTION TO THE OBJECTS, CAUSE APPROVAL OF PROFESSIONALS AND ADMIRATION OF SPECTATORS.

WE STUDY INTERACTION OF AN OBJECT WITH IT'S SURROUNDINGS, TO UNDERSTAND WHICH EMOTIONS THE LIGHT AWAKENS.













URSC

United
Rocket and Space Corporation
SPACE TECHNOLOGIES MADE SIMPLE

URSC:
UNITED ROCKET
AND SPACE
CORPORATION



ORDEM DOS ENGENHEIROS

THE COMPANY'S **EMPLOYEES** QUALIFIED ARE HIGHLY **SPECIALISTS** IN **SPACE** TECHNOLOGIES AND IT. THE **ENTERPRISE HAS 4 OFFICES AND PRODUCTION** SITES OPERATED BY MORE THAN 200 EMPLOYEES.

IT IS OUR TRACK RECORD AND RELIABLE CREDITS THAT ALLOW US TO CREATE COMPLEXSOLUTIONS AND EFFECTIVE TOOLS PROVIDING OUR CUSTOMERS WITH TIMELY SERVICE WORLDWIDE.

The company employs

268
PEOPLE

Including:

Holders of Advanced DoctorateDoctors of Science





ABOUT

12





GEOGRAPHIC INFORMATION SYSTEMS



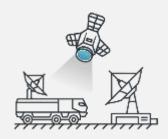
EARTH OBSERVATION SYSTEMS

SATELLITE COMMUNICATION SYSTEMS

LINES OF BUSINESS







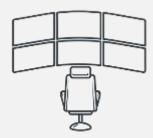
Fixed and Mobile Ground Complexes for ERS Data Reception and Processing



Fixed and Mobile Satellite Communication Complexes



Spacecraft Mission Control Centers and Mobile Complexes



Situation Centers and Automated Control Systems



Dedicated Software



GIS-Based Complex Information Analysis Solutions



ORDEM DOS ENGENHEIROS

24 - 28 SEPTEMBER 2019, LISBOA, PORTUGAL



GROUND SEGMENT





EARTH OBSERVATION CENTERS



DEMODULATORS



MOBILE MISSION CONTROL UNITS





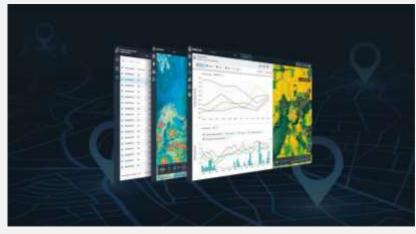








MISSION CONTROL CENTERS



ONLINE GIS-BASED SOLUTIONS

GROUND SEGMENT



 H_{IIII}



24 - 28 SEPTEMBER 2019, LISBOA, PORTUGAL





SMALL EARTH OBSERVATION SATELLITE PROGRAM (SEOS)

SPACE SEGMENT







ROSKOSMOS





Roscosmos is a state corporation established in August 2015 to carry out a comprehensive reform of the rocket and space industry in Russia.

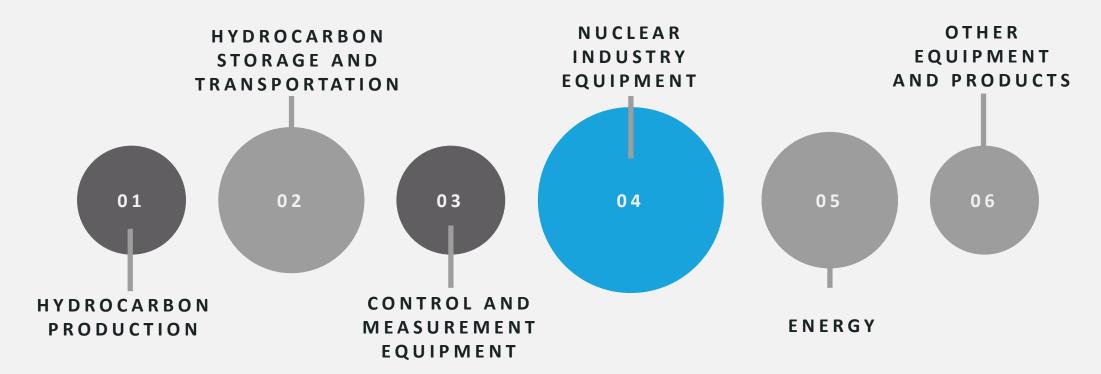
Roscosmos State Corporation ensures the implementation of state policy in the field of space activities and its legal regulation, and also places orders for the development, production and supply of space technology and space infrastructure facilities.

The functions of the state corporation also include the development of international cooperation in the space sector and the creation of conditions for using the results of space activities in the socio-economic development of Russia.

















GEOSYNTHETICS
GEOSTEP OF
PRESTORUS LLC













LANDSLIDES AND SPLITS AS A RESULT OF PHYSICAL AND CHEMICAL WEATHERING PROCESSES

.02

EROSION AS A RESULT OF RAIN AND SURFACE WATER

MECHANICAL AND SUFFOSION SOIL REMOVAL AS A RESULT OF GROUNDWATER

.03

.01

SLOPES STABILITY PROBLEMS

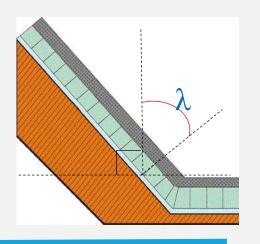




TRADITIONALLY, TO STRENGTHEN THE SLOPES USED GEOCELLS, AS THEY MOST EFFECTIVELY STABILIZE AND PREVENT THE DEVELOPMENT OF EROSION PROCESSES. HOWEVER, GEOCELLS HAS A SIGNIFICANT DRAWBACK. DUE TO THE FACT THAT THE WALLS OF THE CELLS ARE INSTALLED ON THE SLOPE IS NOT PERPENDICULAR TO THE HORIZON, THIS LEADS TO A PARTIAL PRECIPITATION OF THE FILLER FROM THE CELLS. AS A RESULT, AFTER EACH RAINY SEASON WASHED OUT OF THE CELLS OF THE FILLER ACCUMULATES AT THE BASE OF THE SLOPE, AND THE CELLS ARE FORMED VOIDS, AND THEREFORE HAVE TO ANNUALLY CARRY OUT A

SET OF CORRECTIVE WORKS.











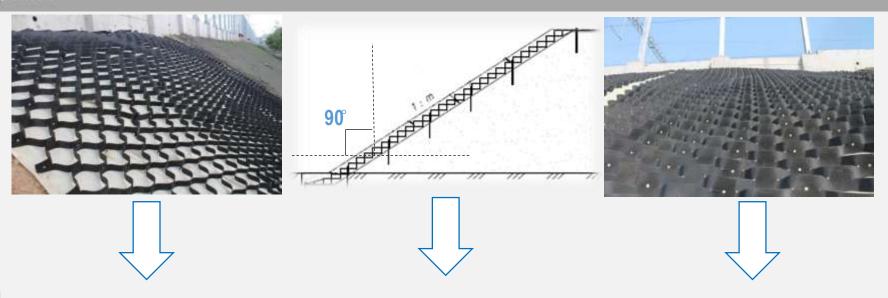


TRADITIONAL GEOCELLS DISADVANTAGES





YOU CAN SAVE UP TO 10% ANNUALLY ON THE OBJECT MAINTENANCE



THIS DISADVANTAGE HAS BEEN COMPLETELY ELIMINATED WITH IMPROVED DESIGN OF GEOSTEP®.

THE WALLS OF GEOSTEP® CELLS ARE PERPENDICULAR TO THE HORIZON, SO THE FILLER MATERIAL IS NOT SUBJECT TO PRECIPITATION FROM THE CELLS, AND THEREFORE DO NOT NEED TO CARRY OUT AN ANNUAL SET OF CORRECTION WORKS.

THE FILLER MATERIAL IS SECURELY HELD IN THE GEOSTEP® CELLS



LISBON CES CIVIL ENGINEERING SUMMIT





FIG. 1 FIG.2. **GEOSTEP®** IN THE APPEARANCE OF FOLDED STATE. THE ROLL.

FIG.3.

GEOSTEP® IN

WORKING

CONDITION.

GEOSTEP® IS A MODERN AND MORE EFFICIENT VOLUMETRIC GEOCELL FOR STABILIZATION AND ANTI-EROSION PROTECTION OF SLOPES. IT IS A POLYMER SHEET WITH LONGITUDINAL SECTIONS ARRANGED IN A STAGGERED ORDER (FIG.1). TO FACILITATE TRANSPORT AND STORAGE, GEOSTEP® IS DELIVERED IN ROLLS (FIG.2). WHEN THE SHEET IS STRETCHED ON THE SLOPE, A VOLUME CELLULAR STRUCTURE IS FORMED (SECTION, FIG.3) INTENDED FOR FILLING WITH SOIL OR FRACTIONAL MATERIALS



PRESENTS



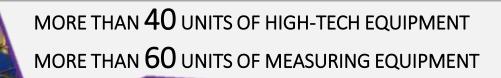




NCC:
NANOTECHNOLOGY
CENTER OF
COMPOSITES









MANUFACTURING CAPACITY

REPRESENTED TECHNOLOGIES:

- INFUSION
- PULTRUSION
- WINDING
- AUTOCLAVE
- RTM
- LFI
- SMC / BMC MOLDING
- SPRAYING
- INJECTION MOLDING
- THERMOFORMING
- WEAVING
- RESIN PRODUCTION

MACHINING:

- TRIMMING OPERATIONS
- TURNING-MILLING PROCESSING
- WELDING OPERATIONS
- WATERJET CUTTING
- VARNISH-AND-PAINT WORKS

CENTRE'S ACTIVITIES









- TIME AND LABOR COSTS REDUCTION
- WORK'S EXECUTION WITHOUT INTERRUPTING PRODUCTION OR TRAFFIC
- REPAIR COSTS REDUCTION, INTERREPAIR TIME INCREASE
- CORRECTION POSSIBILITY OF DESIGN AND CONSTRUCTION ERRORS
- DOES NOT WEIGH DOWN THE ORIGINAL CONSTRUCTION







BENEFITS:

- LIGHTWEIGHT
- CORROSION RESISTANCE
- MINIMAL MAINTENANCE COSTS
- OWN DESIGN LOAD REDUCTION
- DURABILITY
- COLORS VARIETY
- VARIOUS CROSS SECTIONS

FIBERGLASS PROFILES T.M. MONSTERPROFILE







BENEFITS:

- LIGHTWEIGHT
- CORROSION RESISTANCE
- MINIMAL MAINTENANCE COSTS
- EASY TO REPLACE
- DURABILITY
- A VARIETY OF SOLUTIONS

FIBERGLASS PROFILES RAILINGS T.M. MONSTERPROFILE







DRAINAGE TRAYS MADE OF COMPOSITE MATERIALS ARE USED IN INDUSTRIAL AND CIVIL CONSTRUCTION.

NCC DEVELOPS AND MANUFACTURES COMPOSITE WATER DRAINAGE TRAYS OF ANY SIZE AND LOAD, DEPENDING ON CUSTOMER'S REQUIREMENTS.

APPLICATION OF COMPOSITE DRAINAGE TRAY ALLOWS YOU TO:

- REDUCE INSTALLATION TIME;
- INCREASE OPERATION PERIOD;
- ELIMINATES MAINTENANCE COSTS.

WATER DRAINAGE TRAYS







REBAR TYPES:

ACK – FIBERGLASS COMPOSITE

A6K – BASALT COMPOSITE

AYK – CARBON COMPOSITE

PRODUCED DIAMETERS:

4 - 32 MM

BENEFITS:

- STRENGTH, LOW WEIGHT
- CORROSION RESISTANCE
- ACID, SEA WATER RESISTANCE
- RADIO TRANSPARENT, MAGNET-INERT
- DURABLE IN CONCRETE ENVIRONMENT

FIBERGLASS REBARS T.M. MONSTEROD





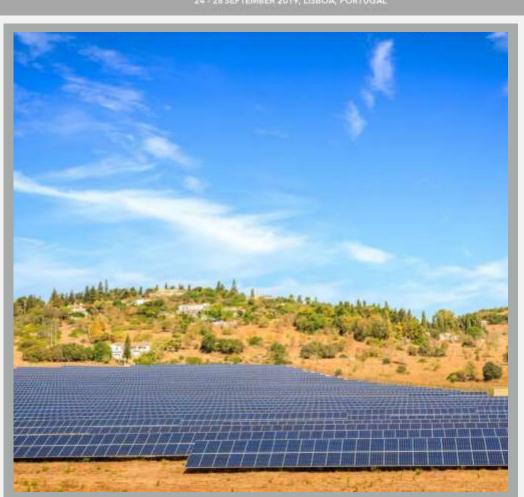




NEOSUN ENERGY









SOLAR PANELS

0 2

DOUBLE GLASS PV PANELS

03

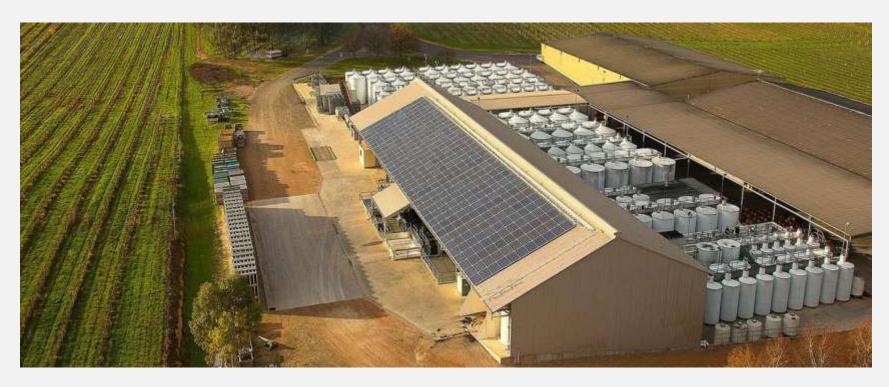
LI-ION BATTERY STORAGE

0 4

COMMERCIAL SOLAR POWER SOLUTIONS







NEOSUN ENERGY IS AN INTERNATIONAL HIGH-TECH COMPANY, SOLAR PANEL MANUFACTURER, DEVELOPER AND INSTALLER OF COMPREHENSIVE SOLAR ENERGY SOLUTIONS FOR INDUSTRIAL AND AGRICULTURAL USE, REMOTE VILLAGES, TELECOMMUNICATION OR MINING INDUSTRY.

NEOSUN ENERGY ISN'T JUST A
COMPONENT MANUFACTURER – WE
ALSO DESIGN AND BUILD
COMMERCIAL SOLAR POWER
STATIONS WORLDWIDE WITH
CAPACITY FROM 20KW TILL 4MW.











OUR CUSTOMISED SOLAR PV OR DIESEL-HYBRID ENERGY SYSTEMS OFFER AN INDEPENDENCE FROM RISING ELECTRICITY OR DIESEL PRICES AND REDUCE OPERATING COST.

INDUSTRIES:

- AGRICULTURE & WATER PUMPING
- LOGISTICS DISTRIBUTION CENTERS &
- WAREHOUSES
- SEAPORT OR AIRPORT TERMINALS
- SCHOOLS & HIGHER EDUCATION
- GOVERNMENT & MILITARY
- CONSTRUCTION & MINING
- RETAILERS & SUPERMARKET CHAINS
- HOSPITALITY & HEALTHCARE
- TELECOMMUNICATIONS
- HOME BUILDERS





.01

PRODUCTION



.03

CONSTRUCTION





DESIGN & ENGINEERING

.02

OPERATIONS & MAINTENANCE

. 0 4







3DsTILE TECHNOLOGY





3D STILE LLC — THE RUSSIAN COMPANY ON PRODUCTION OF INNOVATIVE FINISHING MATERIALS WITH 3D AND DYNAMIC IMAGES: TILES, PANELS, MOSAICS, MURALS FOR INTERIORS AND FACADES. THE COMPANY IS A DEVELOPER OF PRODUCTS THAT HAVE NO ANALOGUES IN THE WORLD, WITH MORE THAN 20 YEARS OF EXPERIENCE.

APPLICATION: WALLS, FLOORS AND CEILINGS, SWIMMING POOLS, SIDEWALKS, FACADES, ETC. FINISHING MATERIALS 3D STILE CAN BE SUPPLIED IN THE FORM OF READY-MADE COLLECTIONS, AND MADE ON ORDER FROM 1 PIECE. WITH OBVIOUS VISUAL BENEFITS OVER STANDARD DECORATIVE MATERIALS, MATERIALS 3D STILE ARE IN THEIR TECHNOLOGICAL (MEET INTERNATIONAL STANDARDS), ENVIRONMENTAL AND PRICE LEVELS.

3D STILE LLC IS NNOVATIVE COMPANY №1
IN RUSSIA IN THE FIELD OF DESIGN,
ARCHITECTURE, CONSTRUCTION AND DEVELOPMENT OF URBAN INFRASTRUCTURE, AS
WELL AS THE WINNER OF MANY INTERNATIONAL COMPETITIONS

















- PANELS AND MURALS



24 - 28 SEPTEMBER 2019, LISBOA, PORTUGAL



- **CURTAIN WALLS**

- MOSAIC



IERS, - TRANSLUCENT FACADES



- DECORS (WALL POSTERS, KITCHEN PANELS ETC.)







- HOUSES AND APARTMENTS



- EDUCATIONAL, CHILD AND OTHER INSTITUTIONS



- SPORTS FACILITY



- POOLS AND HOTELS

