



Let us help you  
harness the power of  
wind, water and sun



## RENEWABLE AND GREEN ENERGY SOLUTIONS

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### SOLARWIND

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# ABOUT COMPANY

We are now at the beginning of a new, exciting era of energy, an open era of energy where everyone is involved and has the opportunity to help solve the big problems of the world. Openness is a key feature of our strategy. Therefore, we make sure that our services reach more people in more and more countries, stimulating the economy and increasing access to energy.  
**New era, new energy, new power.**



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# COMPANY PROFILE

**Solarwind** is a company founded by renewable energy professionals. Engaged in the development and consulting in the field of alternative energy sources and electrification, with a particular focus on modern technologies. Our work is focused on providing customers and the grid with clean, renewable and reliable electricity. Our goal is to help clients implement microgrid technology with renewable energy + storage and distribution. We provide on/off-grid solar and wind installations, residential and industrial scale farm development, renewable energy financial services and a wide range of engineering services. With a long list of projects under our belt and a solid team, our goal is to lead customers into the future of power generation and adaptation. Our model is to dive deep into the specific needs of each client, assess the site, create the most effective action plan, and implement the measures that best suit the customer.

# CEO MANAGEMENT

## Kamran Hajizade

Reliable and sustainable sources of green energy, the key to life on the planet.



For 2022, our company is among the top five companies in the country in the development, installation, management and maintenance of renewable energy sources, both in the commercial and private sectors.





# COMPANY HISTORY

**Solarwind** was founded in 2019 as an enterprise in the field of renewable energy in the Caucasus and Central Asia region. Our company has independently gone the way of formation, taking into account all the features and complexities of this industry. Today, our company has all the technical means and a team to implement projects of any scale.

## 2019

Foundation of the company, setting priorities and vision for the future development of the enterprise

## 2020

Attracting highly qualified specialists in the field of engineering and renewable energy systems, launching an advertising campaign

## 2021

First contracts with the world's leading manufacturers of renewable energy systems, distribution

## 2022

Increase in the client base, successful installations of systems throughout the country

# MISSION & VISION

Opening access to energy is our ambitious goal. We pursue it with the passion of people who want to change the world. If renewable energy embodies our vision, then opening up access to energy is our mission.



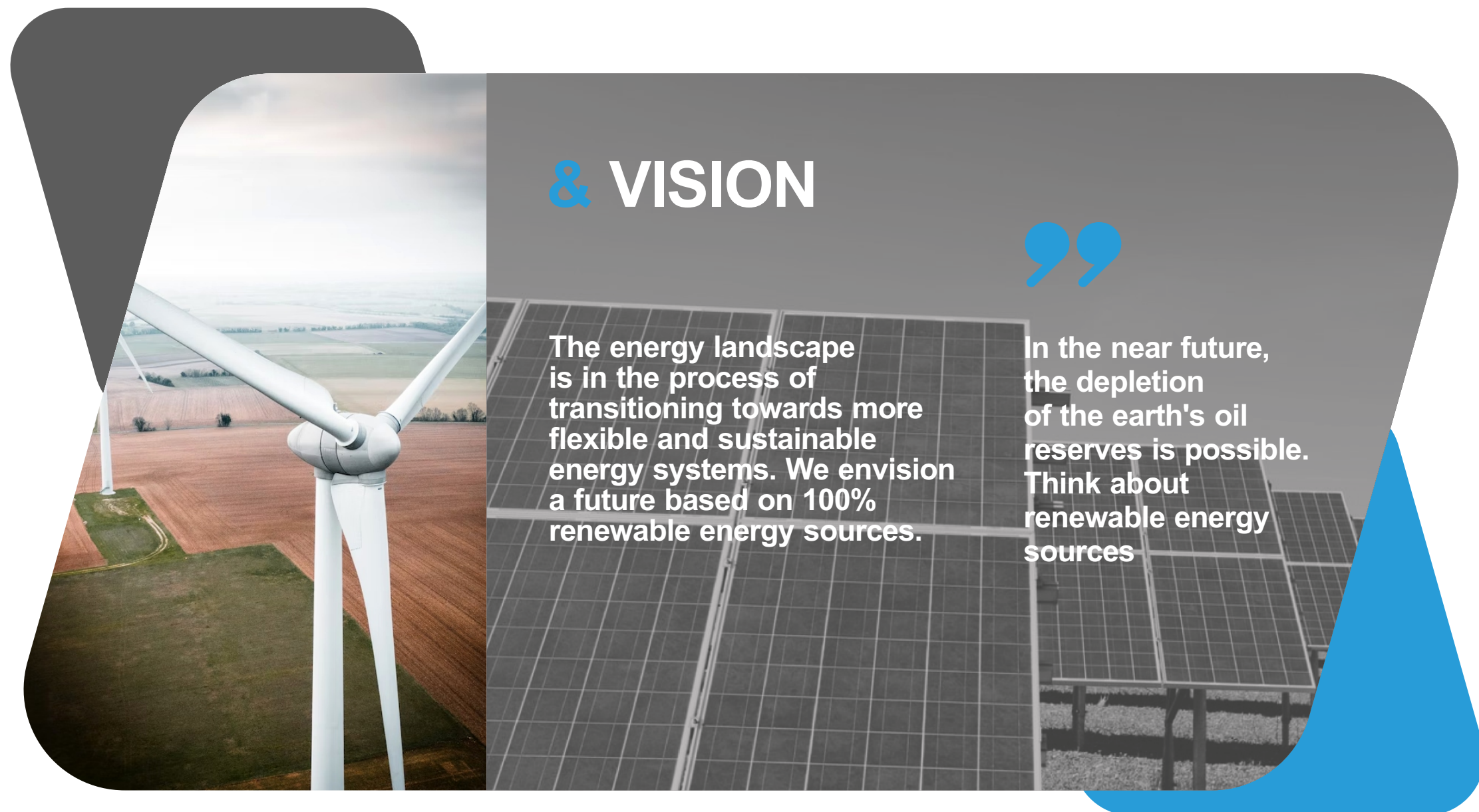
Some of the best things in life are free, like wind, water and sun.

## & VISION



The energy landscape is in the process of transitioning towards more flexible and sustainable energy systems. We envision a future based on 100% renewable energy sources.

In the near future, the depletion of the earth's oil reserves is possible. Think about renewable energy sources





# SERVICE & SOLUTIONS

## ENERGY AUDIT OF FACILITIES

Inspection and monitoring of the potential installation site of equipment, assessment of the rationality of the use of various types of equipment. The result of the energy audit is drawn up in the form of a commercial offer with scientific justification and rationality of equipment use.

## INDIVIDUAL DESIGN

Equipment performance should be maximum. To improve it, our engineers prepare an individual project specifically for your facility, taking into account all the technical features. If necessary, after the facility is put into operation, extended project documentation is provided.

## SELECTION AND SALE OF EQUIPMENT

Over the years, our specialists have learned from their own experience the advantages and disadvantages of various brands and types of equipment. We are interested in choosing and selling only high-quality equipment that does not cause problems during operation.



# SERVICE & SOLUTIONS

## QUALITY INSTALLATION

Installation is one of the components of success in the installation of high-tech equipment. Our engineers have extensive experience in installing systems on various types of roofs and as freestanding structures. Our company provides an installation guarantee for all equipment at the facility.

## INSTALLATION SUPERVISION

If you have your own specialists who are able to perform the installation on their own, we can provide information and consulting support and quality control of equipment installation. Our specialists will control the entire process throughout the entire installation period, starting with the consultation of the installation team, providing all the documentation, as well as strictly checking the quality of the work performed when putting the equipment into operation.

## SERVICE AND PREVENTIVE SYSTEMS

Any system sooner or later requires diagnostics. After-sales service is a set of measures to prevent system failure, identify sources of losses, weak links in the system, as well as a general assessment of efficiency with recommendations for improving it.



# TECHNOLOGIES & EQUIPMENT

## SOLAR SYSTEMS

Solar panels, Solar energy generation systems

## WIND TURBINES

Wind turbines, Wind energy generation systems

## HYBRID SYSTEMS

Hybrid installations, hybrid power generation systems

## CHARGING STATIONS

Charging systems, electric vehicle charging stations

## SOLAR TRAILERS

Autonomous energy, autonomous energy generation systems

## ENERGY STORAGE

Batteries, energy storage and storage systems

*Create  
Operate  
Grow  
Energy Business*

# TECHNOLOGIES & EQUIPMENT



## SOLAR SYSTEMS

Solar panels,  
Solar energy  
generation systems



## WIND TURBINES

Wind turbines,  
Wind energy  
generation systems



## HYBRID SYSTEMS

Hybrid installations,  
Hybrid power  
generation systems



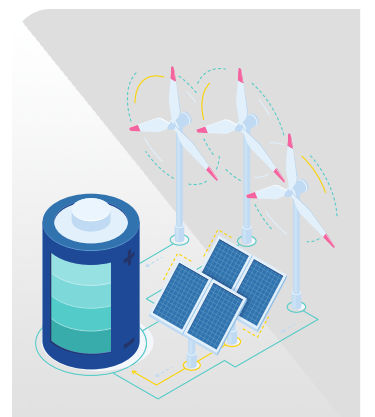
## CHARGING STATIONS

Charging systems,  
electric vehicle  
charging stations



## SOLAR TRAILERS

Autonomous energy,  
autonomous energy  
generation systems



## ENERGY STORAGE

Batteries, energy  
storage and  
storage systems



# PROJECTS IMPLEMENTATION

**Solarwind**, having experience and a professional team in the field of alternative energy sources, can implement a project of any complexity, from small residential installation systems to industrial and commercial heavy-duty systems.

The entire project implementation process consists of several main stages. Power assessment, calculations of solar and wind maps of the area, preparation of cost estimates, technological equipment, use of hybrid power generation systems, financial and economic indicators - these are all the initial and main stages of the project. After the approval of the first stages, the technical team is directly involved in the work.

Only after implementation, final testing and reaching the power capacity, the project is considered completed.

## 1 PROJECT EVALUATION

With the help of our specialists, we evaluate the energy potential of the project, study the solarization factors and the wind map of the facility, preliminary monitoring of the terms of reference, calculation of the power load on the equipment

## 2

### ESTIMATE DOCUMENTATION

After detailed monitoring, a team of specialists prepares detailed budget documentation, the number of power generation systems, the use of various electricity generation technologies, the conversion capacity of automation systems, and prepare a detailed report based on monitoring. Estimated calculations also take into account the financial component of the project.

## 3

### PROJECT IMPLEMENTATION

The implementation of the project begins only after the estimated budget and financial stage. Immediately after the approval of the project parameters, our team proceeds with the preparation of installation and construction works for the implementation of the project. Delivery of the entire range of equipment occurs after the completion of the preparation of the facility for installation.





# MAIN DIRECTIONS



## WIND ENERGY

Design and installation of wind farms of any complexity and scale. From small wind turbines to large high power wind farms.



## SOLAR ENERGY

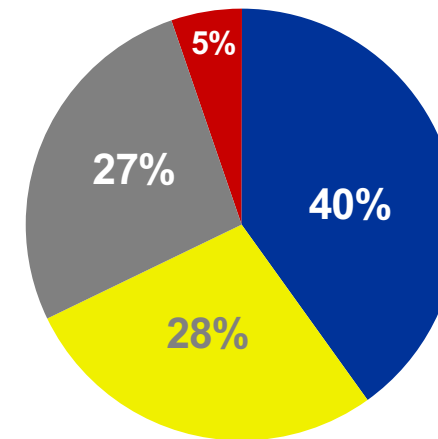
Development, supply and installation of solar panels, as well as turnkey energy complexes, based on the terms of reference and design capacity.



## HYBRID SYSTEMS

Design and installation of hybrid energy systems, combined into a single energy system and consisting of solar and wind components, to increase the efficiency of electricity generation.

# STATISTICS



- The capacity of renewable energy sources in the technological context in 2021

*More sustainable energy sources, more life on the planet*