



**TLES**



TOP LEVEL ENERGY SYSTEMS SRL

*THE INVESTMENT  
OF YOUR FUTURE*

## who is **TOP LEVEL ENERGY SYSTEMS**



**T**LES top level energy systems S.r.l. is a subsidiary company of *SKY -NRG SpA*, an Italian company established in 2007 by the integration of its shareholders' expertise, who were already acting in the fields of plant design, electrical engineering and building engineering.

Since its birth, TLES top level energy systems S.r.l. has been experiencing an **exponential growth**, a step-by-step continuous reorganization aimed at the expansion of its own productive capacity. Now it deals in Italy, Romania, Bulgaria.

In 2011 the company obtained the **SOA certification** for the OG9 category (electrical energy production systems), which certifies the **achievement of the technical and economical features** required for the realization of interventions on private buildings, as well as in the public sector.

Furthermore, the company's development determined a change in the kind of stakeholders it involves: they are today more frequently medium-great size PV-systems clients and this produces a remarkable enhancement of contracts value.



## Our **MISSION STATEMENT**

In the last few years we have been confronting with the pressing issues of **Earth's environmental health's** decline and the process of exhaustion of finite minerals (gas, oil, etc...).

For this reason everybody needs to conceive a future oriented to safe alternative energy sources.

We cannot help considering renewable energy as the one and only choice, not just because it is inexhaustible, but also because it allows an important **reduction of the polluting emissions** and a marked improvement of life's quality.

It was from this belief and from the consciousness that something is changing in matters of energetic supply and environmental sensitivity that TLES was founded.

*Our mission is to support customers in investing in the green economy to contribute to its flourishing development and taking part to the achievement of the energy efficiency goals established by the European Union.*

*We deeply believe that it could be one of the ways that make a better world.*



## why investing in **PHOTOVOLTAIC IN ROMANIA?**



**R**omania has a great potential for the production of photovoltaic energy. The radiation level is similar to that found in countries as Spain, Italy, Greece etc.. The Romania receives on average **1530 MWh/m<sup>2</sup>** of insolation per year, which is about **1150 kWh** of electricity per **kWp** installation.

What Romania offers, compared to other European countries, in addition to similar atmospheric conditions, is **a incentive system more attractive, as well as improved economic stability.**

The **incentive system** consists in advantageous incentives granted by the Romania's government and ensured by the fact that Romania is, in all respects, part of Europe, so subject to the european energy efficiency law.

What makes the investment in photovoltaics even more beneficial is the **positive trend** of the electricity market: it records a constant growth, so the **value of the electricity** is constantly increasing.





*"The safest return on your investment"*

*“The indispensable first step to getting the things you want out of life is this: decide what you want.”*





## Obtaining Romania's **GREEN CERTIFICATE**

**S**igning up to the EU clean energy promotion, Romania supports renewable energy through an *incentive system* which provides:

- incentive system by GC (green certificate);
- exemption from excise tax on electricity generated from renewable energy sources;
- accelerated amortization procedures of the investments in the field of renewable energy.

The logic of the creation of the GC market is to bring competition between the producers of green electricity. Unlike the system of "feed-in tariff" (in force in Germany, Spain and Italy) Romania has chosen a "*market-driven*" system: the electricity price is set by the market.

In order to compensate the difference between the cost of electricity and its price, to the producers of green electricity are assigned a number of GCs that *varies depending on the technology used*.

GCs are issued by the operator of the transmission system SC Transelectrica SA to the producers, on a monthly basis, and are traded in the GC market, under the terms established by the SC "Operatorul Pieței Electrice de Energie - OPCOM" - SA.



## *Our* **FACILITIES AND GUARANTEE**

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### *Formation and administration of the purpose's company*

The so called SPV (Purchase / license land, Obtaining the authorization, EPC).

*Identification of sites suitable for the green energy:  
In order to have the best performance.*

*Purchase / lease / license land*

### *Obtaining the authorization by:*

- the public authorities for land and urban aspects
- the electricity distributor for the power grid link
- the national energy regulation's authority (ANRE) for the procedures that allow the system to be officially certified as electricity producer.

### *Project Management*

*We manage the project from the beginning to the end.*

### *Financial support*

We offer advice to our customers in obtaining financing from the banks.

### *Energy trading*

We place the certificates, at the best market price, in the name and on behalf of clients in the market opcom or at energy managers.



### *Executive Project*

PV system technical features are defined in order to optimise its performance and to assure long-lasting reliability. A special attention is paid to the choice of materials and to the details which make the difference in terms of quality and PV system performance.

### *BOS Supply*

We provide a set of devices and electrical components required to transfer the energy produced by the PV modules to the power grid.

### *EPC*

We realise with our own staff every activity related to the building and works coordination, which are internal engineering team's competence, so that complete continuity is assured, as well as complete safety for the building yard operators.

### *Monitoring and maintenance*

*Aimed at the prompt control of possible inefficiencies, since they cause production reduction and economical loss. TLES provides its clients with complete assistance for every kind and size of PV system and its engineers realise PV systems tests, checks and maintenance.*



*Our reference*  
**A LONG EXPERIENCE OF QUALITY**





## PV system's **COLLECTION AND RECYCLING**

**T**LES exclusively uses those photovoltaic modules produced by companies, which are member of associations that deal with the *collection and recycling* of their products. PV CYCLE is one of the most relevant association in Europe, founded in order to create a voluntary program of photovoltaic modules' collection and recycling.



At the end of a module's life, whether it is made of crystalline silicon cells or thin-film cells, there are many ways to have it recycled: it can be brought to one of the many permanent centres (fitters and retailers), to a temporary container (in sites where PV systems are being installed, renovated or dismantled), or it can be collected by the association itself, in case the distance between the PV system and the nearest collection point is wider than 50 km.

After its collection, the module is destined to specific systems. They deal with the recycling of the raw material, which will be used for example to produce new photovoltaic modules.

*WE USE ONLY BRAND OF QUALITY*







**TLES Top Level Energy Systems S.r.l.**

*DESIGN AND PRODUCTION  
SOLAR ENERGY SYSTEMS*

*Location: Arad, Str. Voinicilor FN,  
Zona Industriala Micalaca Est (RO)*

*Tel.: +40 730079833  
website: [www.tles-pv.eu](http://www.tles-pv.eu)*