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#### **Company Profile**

"Nullum magnum ingenium sine mixtura dementiae fuit"

Lucio Anneo Seneca



#### Who we are

- needs of producers and consumers;
- Profiling, Scheduling and Balancing of energy resources.

• Tecnalogic is an Italian Research & Development company, focused on creating new optimization methods for the energy, environment and agri-food sectors in order to aggregate and modulate the

• The know-how developed over the years has led to the definition and testing of methods for the





## The innovation model

- For each specific verticalization in the Commodities sector, Tecnalogic studies innovative optimization methods, formalizing them in one or more intellectual properties;
- These methods are the foundations of the resulting technology transfer, implemented through the design of IT services.





#### What we offer

- specific needs of the customer;
- commodities sector.

• Thanks to the know-how and patented methods of which it is licensee, Tecnalogic is able to design software solutions and services for the energy, environment and agri-food sectors according to the

• Tecnalogic also offers strategic consulting for the study and design of new business models in the





#### The added value

- models and creating the digital representation of energy.

• After years of in-depth studies and experiences in the commodity markets, Tecnalogic has defined methods that allow the creation of software solutions and services identifiable as "disruptive technologies" since positioned in the middle between supply and demand in the reference sectors;

• Tecnalogic's exclusive solutions help fill information and communication gaps between producers and consumers, making today's monolithic supply chains dynamic, favoring the birth of new business







#### Expertise

- Energy resources programming;
- Definition and implementation of energy purchase strategies;
- Risk management of the energy portfolio;
- Reduction and economic valorization of CO2 emissions;
- Energy flows traceability;
- Agri-food products traceability at the origin;
- Waste traceability and integration in the context of a circular economy.



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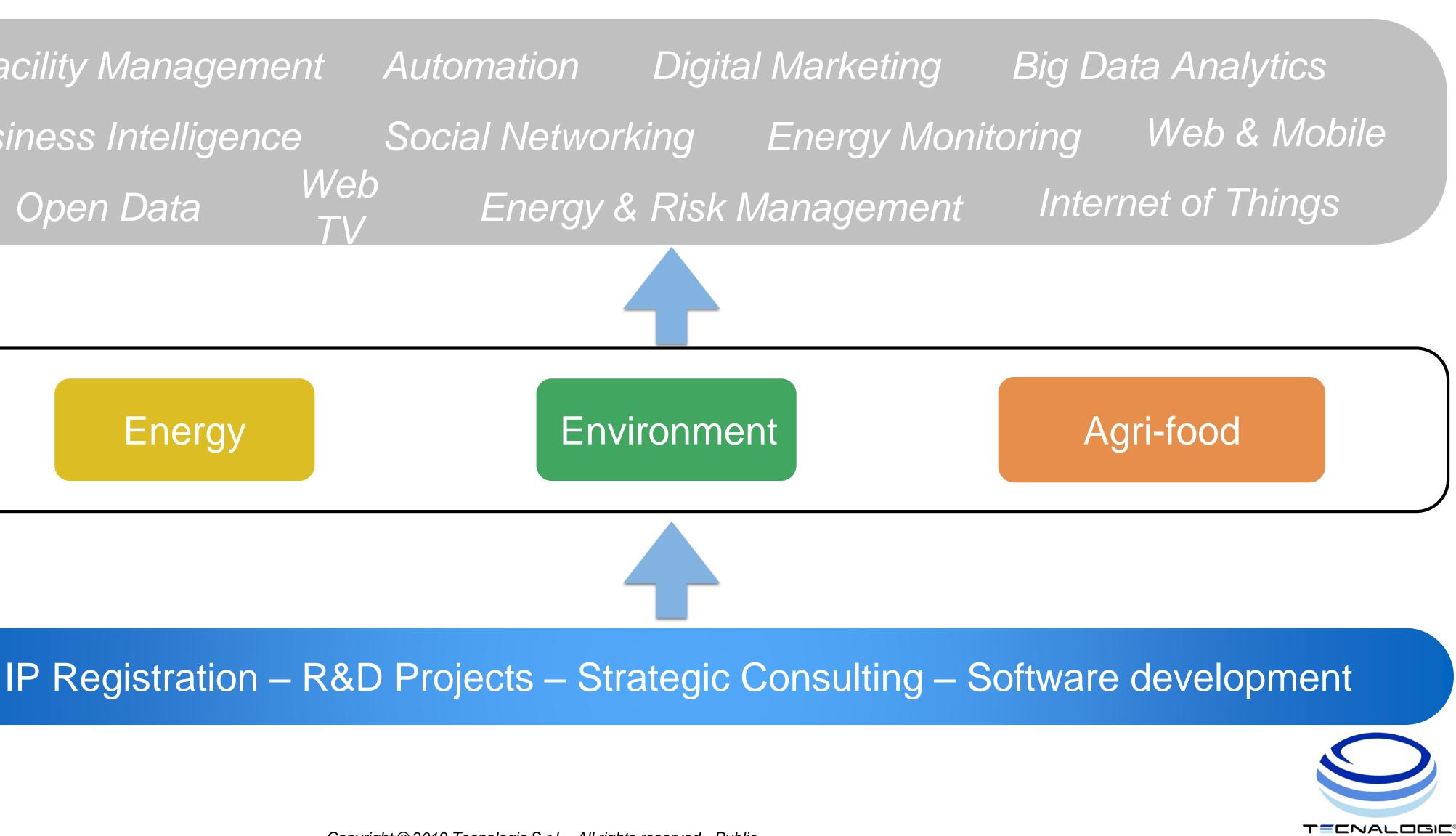
#### **Business model**

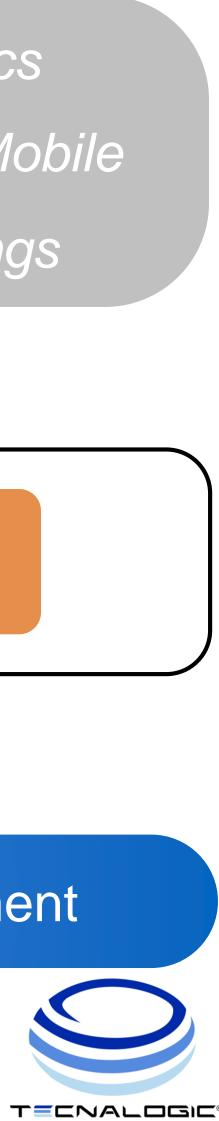
Application Areas

Automation Facility Management Business Intelligence Web Open Data **T**\/

Sectors of Energy Interest

Tecnalogic's Activities





#### Portfolio 1/2

- the research of the best market conditions for specific consumption needs;
- supply activities;
- from smart meter;
- exclusive *Profiling*, *Scheduling* and *Balancing*.

## Energy Professional Assessment - Contracts and supply prices analysis for the reduction of energy costs through

**Energy Treasury Management** - Operational support in the financial and administrative management of energy

Energy Profiling Service - Basic IT service for the identification of the hourly electric profile through data acquisition

**Oratrios** - Advanced IT service for the identification and management of the characteristic energy profile through





#### Portfolio 2/2

- software, with particular focus on energy and energy efficiency;
- different social and web sources, making them usable on television systems;
- through sensors and digitization of specific knowledge bases for the sector.

## Software Development - Analysis, design, development, testing and application support for commissioned

**Digital Signage** - Technological solution for business communication that aggregates multimedia contents from

Agrifood Traceability - Technological solution for the traceability of the entire life cycle of an agri-food product





### Intellectual properties

- di consumi elettrici";
- *elettrici*";
- consumption" Countries: EU, Russia, USA;
- della produzione ed immissione in rete di energia elettrica";

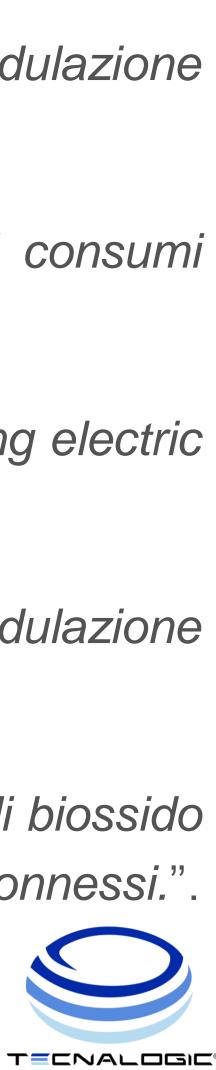
• Italian Patent for Industrial Invention N.0001419107 - "Metodo e dispositivo per la profilazione e la schedulazione

• Italian Patent for Industrial Invention N.0001419109 - "Metodo e dispositivo per il bilanciamento di consumi

• International Patent for Industrial Invention N.WO2015/015267 A1 - "A method and a device for balancing electric

• Italian Patent for Industrial Invention N.0001421371 - "Metodo e dispositivo per la profilazione e la schedulazione

• Italian Utility Model N.0000275451 - "Sistema di monitoraggio controllo e di previsione delle emissioni di biossido di carbonio (anidride carbonica, CO<sub>2</sub>) derivanti dai consumi elettrici dei carichi ad esso direttamente connessi.".



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