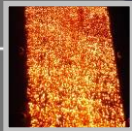
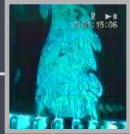




# ERA<sup>tec</sup>

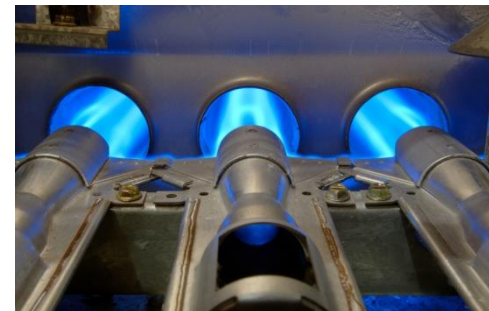
*Innovations – Services – Consulting*

*« Energy of your  
developments »»*



# Our main fields of activities

- The **radiant energies** (IR, UV, Micro-waves, HF) and their **industrial applications** in the respect for the environment.
- **Engineering** of radiant installations
- **Waste treatment and Atmospheric pollutant abatement**
- **Combustion technologies**



# 2 departments

**Study & Service**



**Metal Fibers Burners  
& Components**

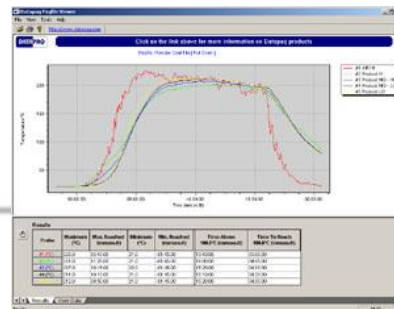
**Development,  
Innovation, Study,  
Advice & Service,**

**Design, Manufacturing,  
IR installation sizing**



Industrial processing,  
Energy savings,  
Productivity, Thermal  
and Environment

Radiant energies  
(IR, UV,  $\mu$ -waves, HF)  
Combustion





## 3 locations in Europe

**Headquarters, R&D,  
Sales & Marketing**  
383, Chemin de Planbois  
38290 SATOLAS-ET-BONCE  
**France**

**[contact@era-tec.fr](mailto:contact@era-tec.fr)**

**Production**  
Via Rio delle Amazzoni 43  
41040 SPEZZANO (MO)  
**Italy**

**Northern Europe  
Office**  
Cyclamenlaan 13  
8400 Oostende  
**Belgium**



# Study & Service

# Our Know-how

- 
- **Technological, Marketing and Commercial Development**  
**the search for the best compromise between:**  
**Radiant technology / Market / Energy / Environment**
  - **Search for innovative solutions**
  - **Technical expertise and decision making**
  - **Technological transfert**
  - **Project management including** Finance, technical issues, marketing studies, ...
  - **Basic engineering of Thermal and radiant installations**  
**the search for the best solution to improve productivity**  
**and quality, to reduce operating costs and to save space**

# Our resources

**To achieve our services and manufacturing we rely on:**

- Tools for diagnosis and feasibility studies to be applied in various domains. Sizing tools for drying processing...
- Analysis and Assessment methods
- Own databases or databases we have access to.
- An experienced team
- **ERATEC** continuously develops and refreshes its partnership, so as to enlarge and consolidate its offer as well as to get access to the best information sources. Cooperation agreements have been passed with university laboratories, consulting and services companies, public organisms, subcontractors for manufacturing such as: **CETIAT, Gaz de France, CNRS, POLITO, Bekaert CT, ...**



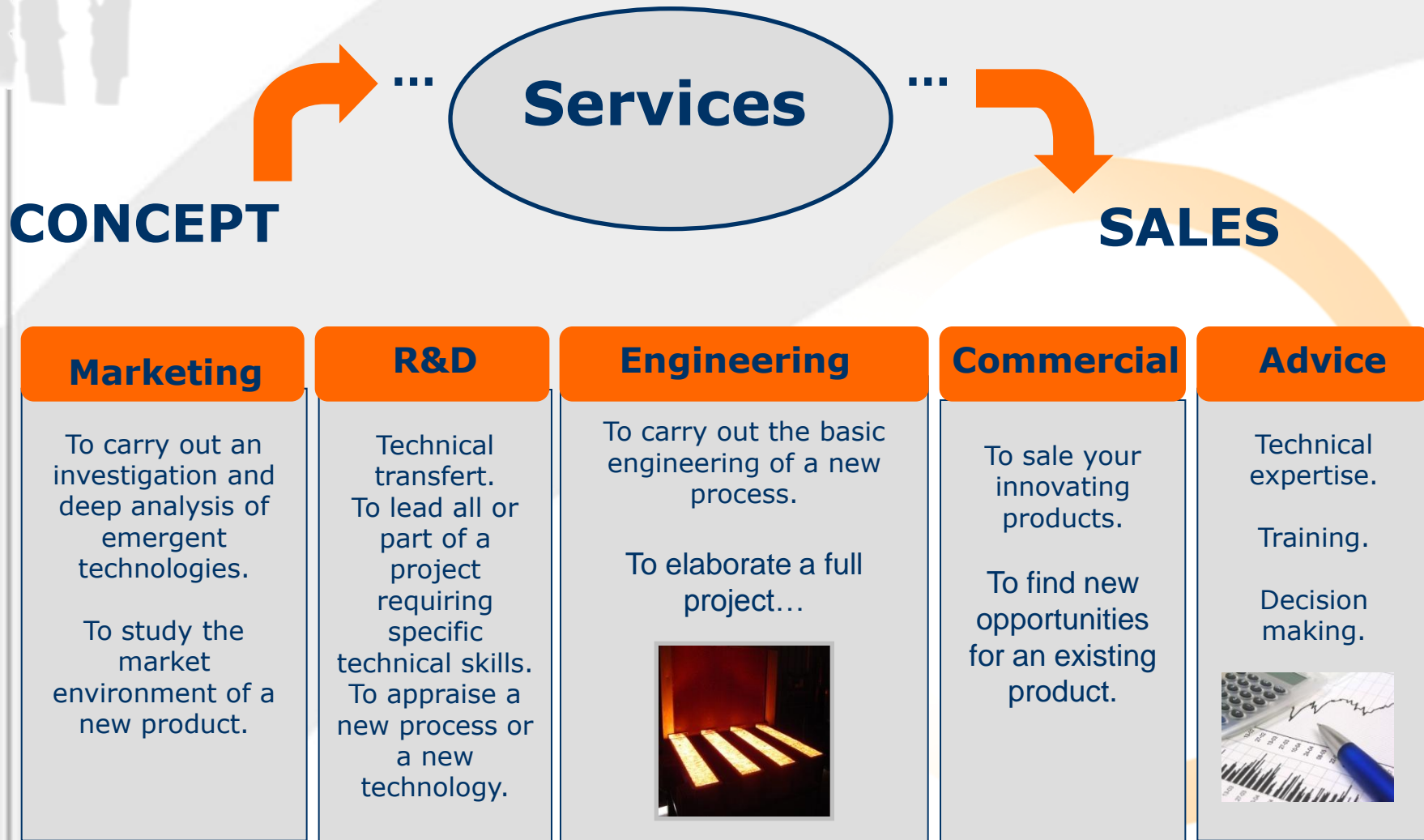
# Our Service Offers



Our mission is to team up with you all along your development projects, especially in the conceptual and feasibility phase, so as to provide you with major decisional inputs : technical choice, economic impact, legal compliance, intellectual property and commercial strategy. Catalyzing innovation and achieving highly performing and convincing demonstration operation is our permanent concern, so that you gain competitive products and additional markets shares



# Our Service Offers



# Our references



**ERATEC's customers are industrial groups, SME's ...**

Among our most recent services:

The design and study of a high performance embedded heat emitters  
– PROSIGN (France) and Imperbel (Belgium)

The development of a catalytic burner for an existing boiler  
TECNES (Italy – « Burnercat » european project)

Performance assesement of an existing drying paint oven (increase productivity...) – SAVER GLASS

Technical transfer : use of IR Burner for baking and biscuit oven –  
FOUR GUYON (Fr), Den boer Backing Systems (NL), Imaforni (It),  
Kraft LU Biscuits (Fr, Sp, B, It)

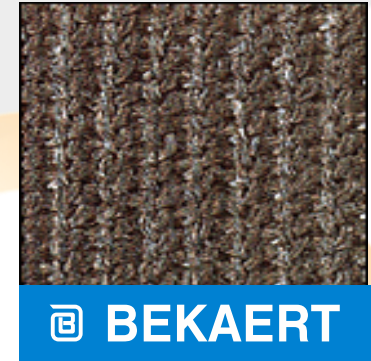
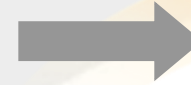


# Metal Fibers Burners & Components

# Metal Fiber Burner

→ Combustion support in **Fecralloy®** :

Knitted Metal Fiber  
**Bekinit® 200S**

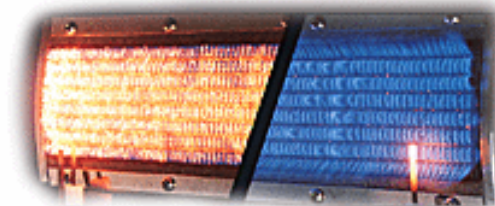


→ Infrared or Blue flame mode (Convection)

## Supplies

→ Burners and Premix systems (Atmospheric, Fan driven...),  
Control systems  
Atmospheric, premixed and fan assisted all gas  
burners made of stainless or aluminized steel.

**Eratec can deliver integrated combustion  
packages and provide technical support to customers  
in all issues relating to the design.**



# Metal Fiber Burner Industrial Applications

Shape versatility – Design adapted to the application



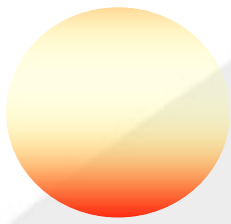
Infrared drying (Ceramics, Coatings, Textiles, ...), Pre-heating of metals (Forging, Die heating, Foundries...), Food industry, Plastic processing ...



- *Most compact*
- *Most safe*

- *Most flexible*
- *Most clean*

- *Most efficient*
- *Most durable*



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**14 *Your partner for a successful development !***