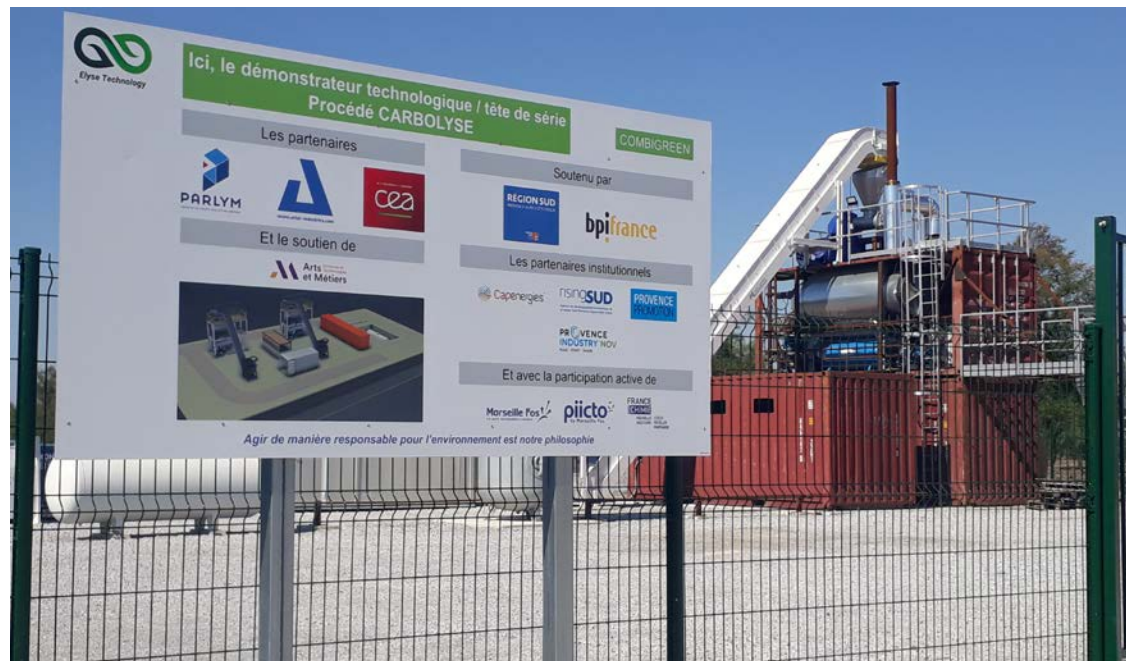


*MAKE THE MOST OF AVAILABLE & ABUNDANT ENERGY.
« NOTHING IS LOST, NOTHING IS CREATED, EVERYTHING IS TRANSFORMED »*



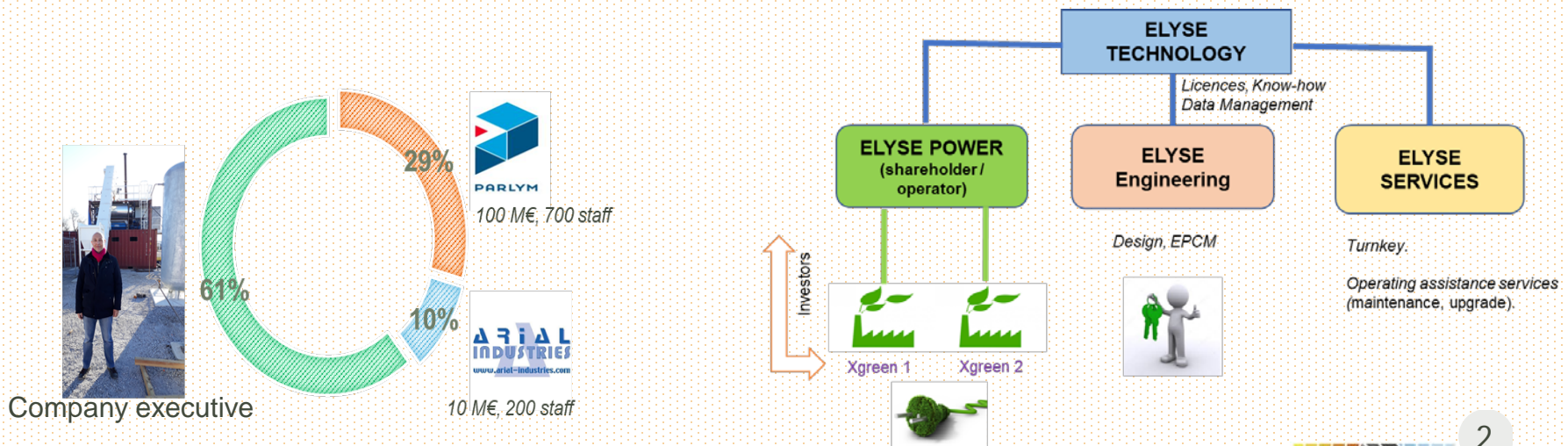
WHO ARE WE?

ELYSE TECHNOLOGY uses the CARBOLYSE™ process in designing and building the solution to the challenges of sustainable development.



ELYSE TECHNOLOGY offers solutions to three types of challenges:

- Recycling biomass, solid recovered solid fuel and waste from industrial processes
- Producing a "green" energy independent of weather conditions
- Reducing customers' overall energy costs



OUR VALUE PROPOSITIONS

1

Competitive operational advantages : compact operating area; excellent energy self-sufficiency; ease of transport and installation

2

Circular economy project which delivers a complementary method for revalorizing secondary raw materials

3

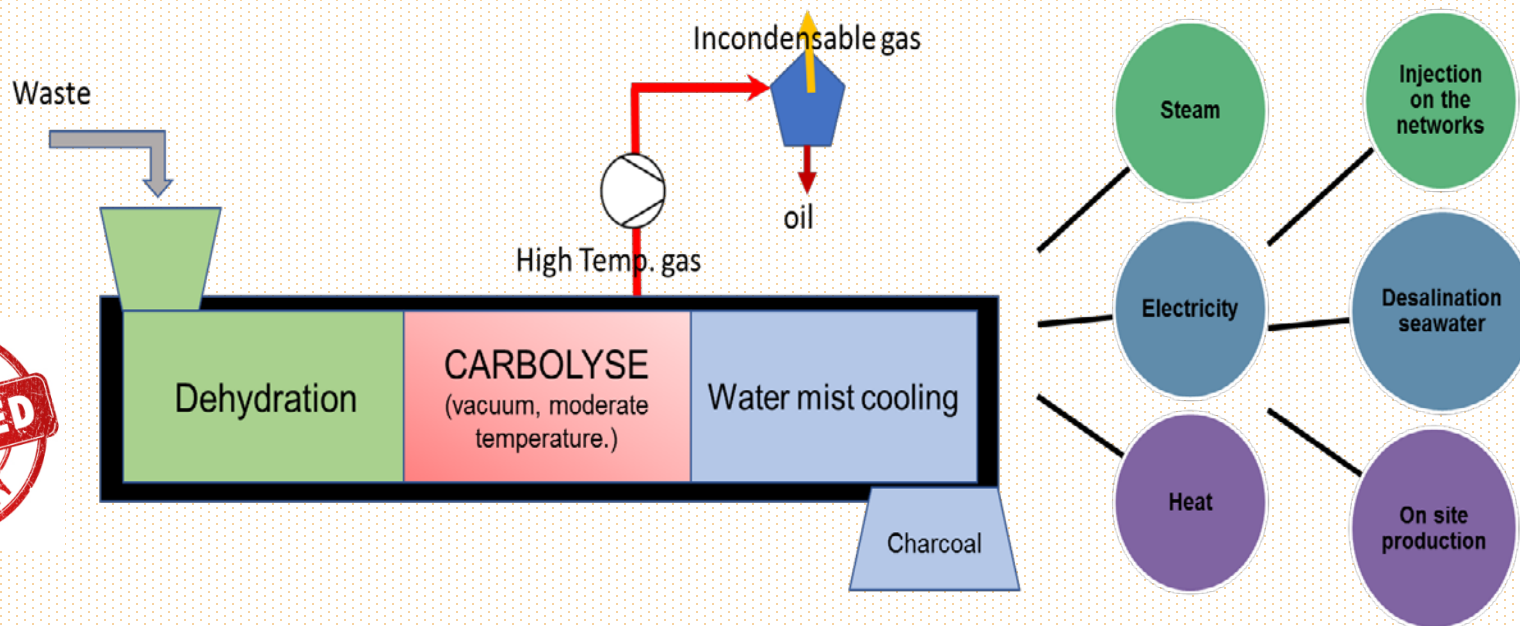
New and innovative source of production of constant renewable energy that can be provided at a providable and affordable and stable price

4

Environmental advantages : locally transforming waste into energy thereby avoiding the use of fossil fuels in production and transport elsewhere

PROCESS OVERVIEW

The method relies on the principle of thermochemical decomposition of the organic material under the effect of temperature and partial vacuum. This decomposition starts at about 180 ° C and continues up to 400 ° C



The plant uses innovative and patented technologies:

- Vacuum pyrolysis of waste by the **CARBOLYSE™** process;
- High pressure vacuum and high temperature discharge equipment;
- Connected factory: automated operation and real-time technical monitoring.

DESCRIPTION OF ELYSE TECHNOLOGY SOLUTION

❑ *Best Value for Money »*

- ✓ *Competitive CAPEX et OPEX*
- ✓ *Standardized system designed for series production of unit.*
- ✓ *Rely on the technical means of customers to reduce the costs of ownership.*
- ✓ *The capacity is growing by adding production lines.*
- ✓ *Power generation can be separated from the waste disposal site.*

❑ *An incremental approach by type of waste: do not mix waste with excessively variable PCI*

- ✓ *Favor the production lines dedicated by type of waste*

❑ *The transportable waste treatment solution offers the ability to move the unit to various waste sources, without additional investments.*

MOB'ELYSE MOBILITY SOLUTION

BECAUSE OF ITS COMPACTNESS AND EASE OF USE, IT IS A SOLUTION THAT RESPONDS TO THE EMERGENCE OF THE CIRCULAR ECONOMY – CREATING POTENTIAL ENERGY NEAR TO THE USERS.

A mobile unit for waste management needs between 6 000 and 10 000 t/year

Ultra Compact

Process required 40 m²

Modular

Doubling capacity by adding one modular unit



Mobile Waste unit

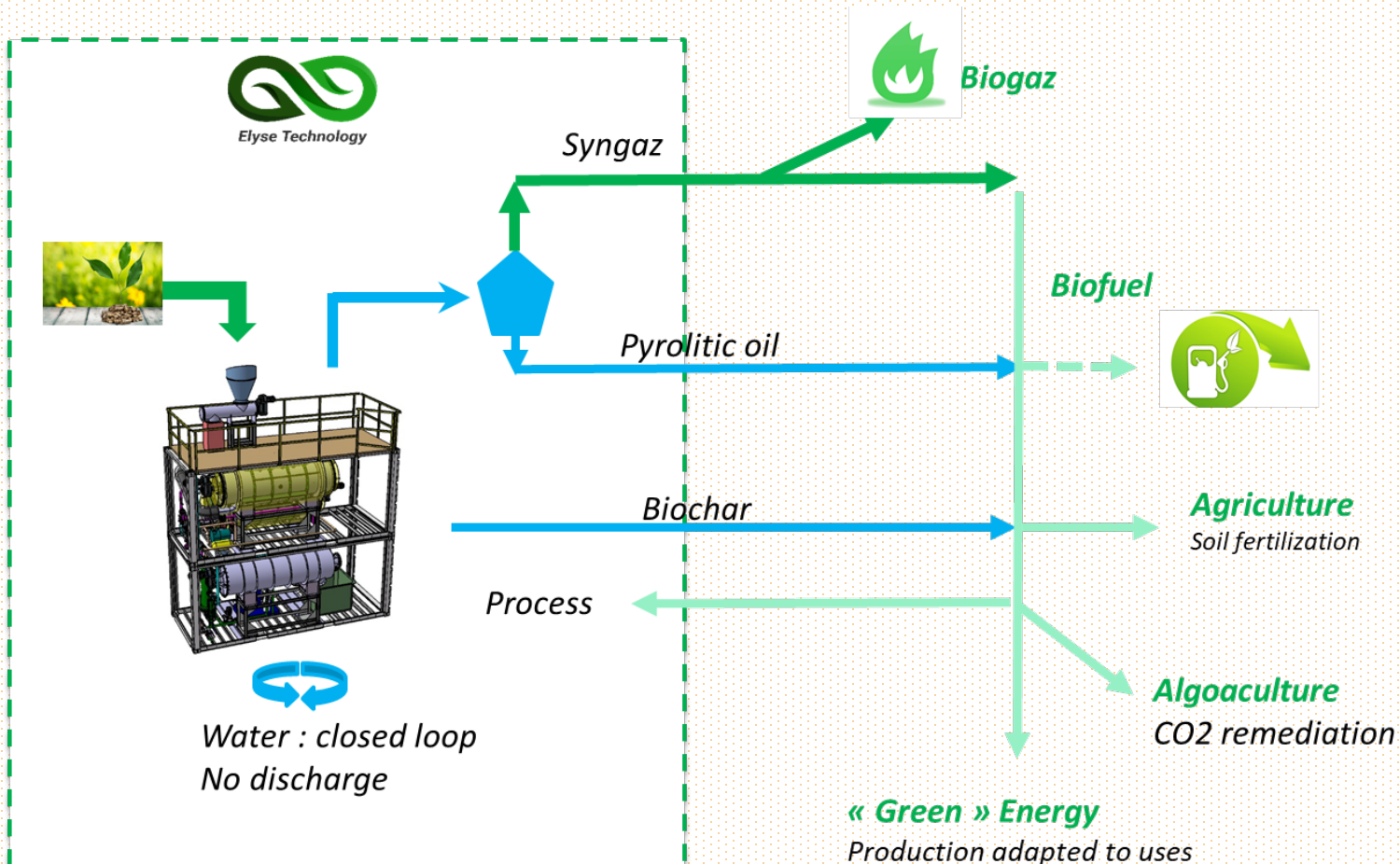
A week for erection or dismantling

Clean

Vacuum process technology
Low environmental impact

CIRCULAR ECONOMY

The products from the process open up new possibilities of use



OUR ECONOMIC ADVANTAGES

- ❑ Better integration within regions, territories, cities.
 - ☞ *Compactness*
- ❑ Energy efficiency
 - ☞ *closed loop operation,*
 - ☞ *An incremental innovation for the circulation of hot gases.*
- ❑ Compliance with environmental requirements
 - ☞ *No pollutant production, low ash emission.*
- ❑ Recycling and recovery of recyclable materials easiest
 - ☞ *Vacuum technology*
- ❑ Ease of construction and development capability.
 - ☞ *Modular design*
 - ☞ *A line of products adapted to needs*



Offer an attractive economic solution to the operator, configurable according to its needs without additional investments
= IRR > 10%

OUR MARKETS

Industrial waste



Health Waste



*Contaminated
waste*



*Green Power
génération*



FOCUS

The process is particularly suitable for the market:

- ↪ *Medical waste from hospitals, and infectious healthcare activities called "proximity"*
- ↪ *Waste products in the operating environment for production or research facilities in the nuclear sector*

Partners



Sponsored by



With the contribution of



Institutional partners



Label



With the active help of



CHOOSE A GREEN COMPANY FOR A BLUE PLANET

Acting responsibly towards the environment is our philosophy



www.elyse-technology.com