



**ALTIS**

Votre futur nous engage.

# District Heating

Sustainable comfort four you







## **ALTIS**

### **Your supplier for sustainable comfort**

ALTIS is a leading supplier of heating and cooling systems alongside one of its shareholder companies, GECAL SA, which offers solutions for thermal, renewable and sustainable energy supplies.

ALTIS shares its knowledge of energy systems with its customers and already supplies heating and cooling systems to more than 100 houses and businesses in Entremont (Verbier, Villetta, Vollèges Bruson, Sembrancher).









## **ALTIS is Committed to your future**

Nowadays, the 2050 energy strategy is the model that defines and regulates our energy choices. ALTIS aims to play a leading role in the region and offer its customers the best solutions. In partnership with local companies, it favours local and renewable energy sources such as water, wood, sun, geothermal energy, recycled heat, etc.

## **Are you looking for an environmentally-friendly heating system?**

### **District heating is the perfect solution !**

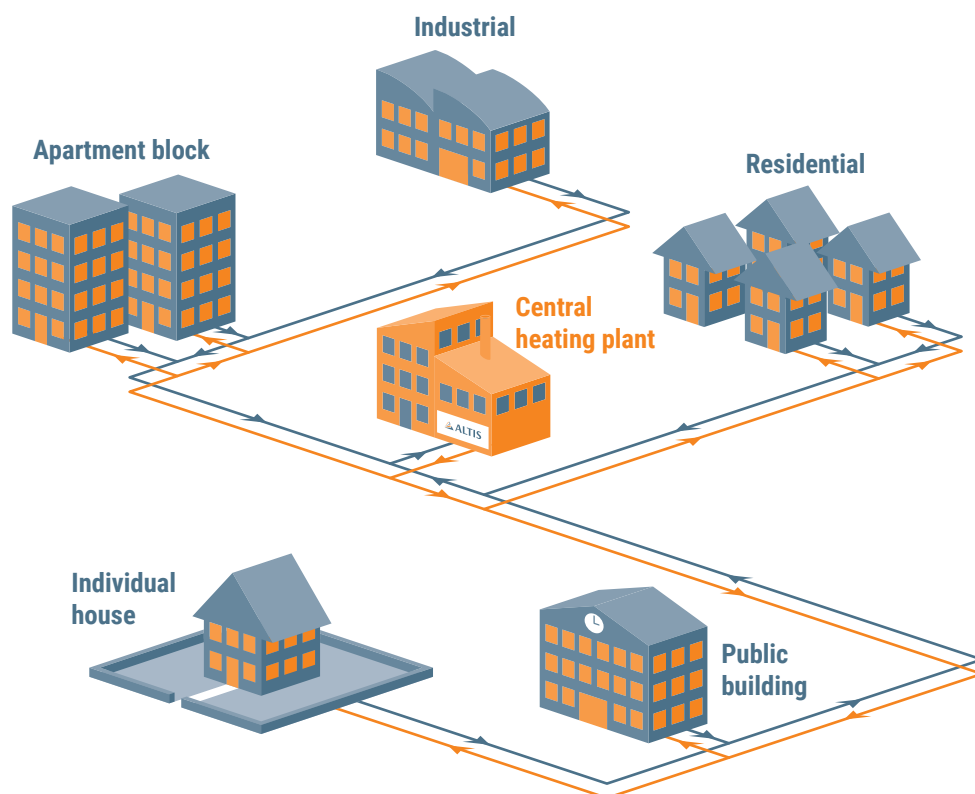
The district heating (in French « CAD » - Chauffage A Distance) network is the most environmentally responsible solution and complies with federal (energy policy 2050) and cantonal (MOPEC 2014) energy regulations. It reduces greenhouse gas emissions and preserves air quality (OPAir standards).



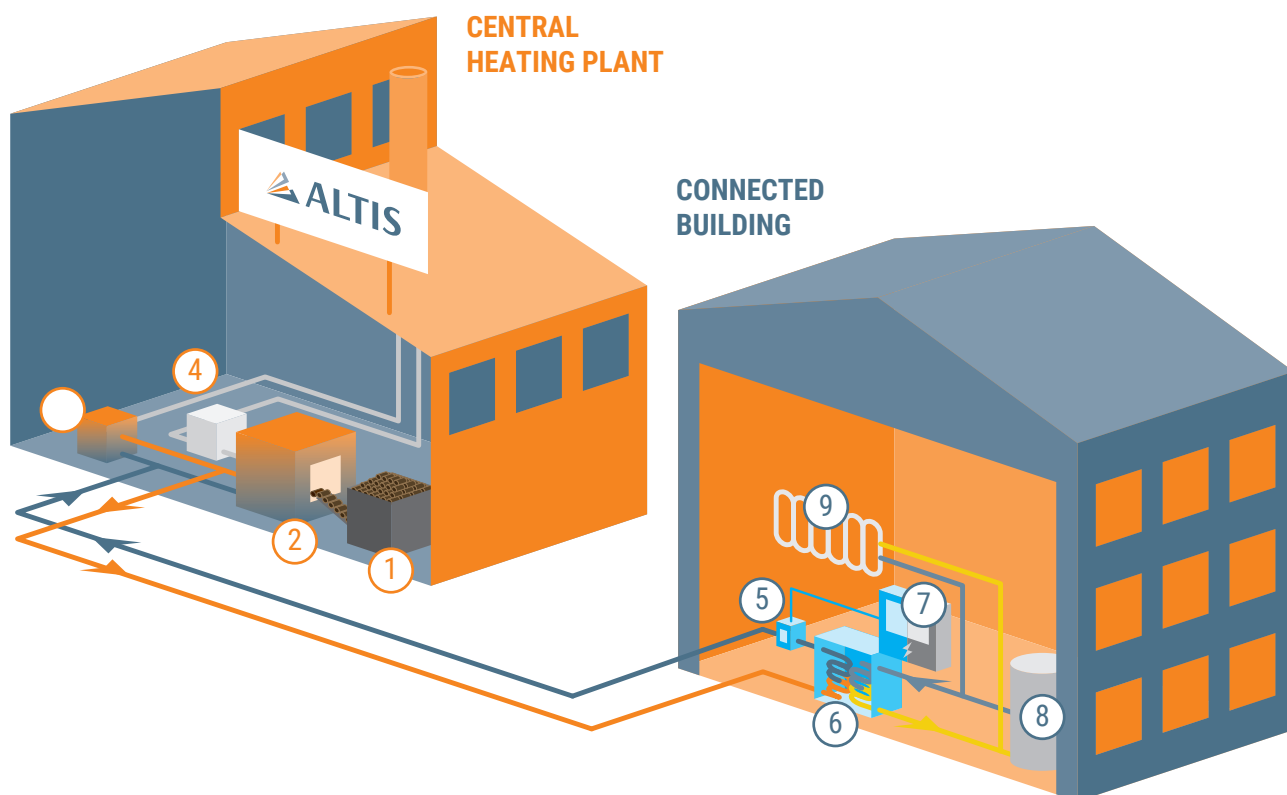
# How does district heating work ?

A district heating network consists of three elements :

- A **central heating plant**, located in a designated building, produces the heat which then circulates through the pipes
- Hot water is circulated through a **network of well-insulated underground pipes**.
- A **substation** is installed in each building heated by the district heating system connecting the public network (primary network) to the internal distribution network of the building (secondary network). For billing purposes, the substation is equipped with a meter that displays each individual building's energy consumption.





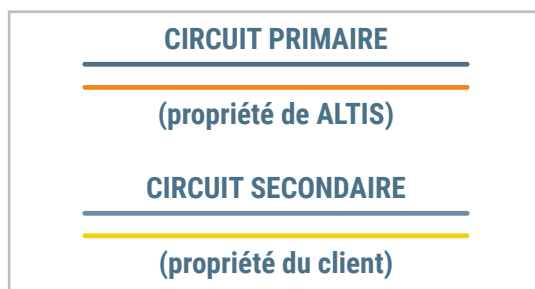


## CENTRAL HEATING PLANT

- ① Pellet silo
- ② Wood pellet boiler
- ③ Back-up boiler
- ④ Particle filter

## CONNECTED BUILDING

- Substation : ⑤ Heating meter
- ⑥ Heat exchanger
- ⑦ Control panel
- ⑧ Domestic hot water
- ⑨ Heat distribution





# More simplicity for more benefits

## Save money

- Consume before you pay.
- Control costs with monthly bills for actual energy used.
- No more unforeseen maintenance and repair costs: maintenance, flushing, tank repairs, concierge charges, updating of tanks, etc.
- Municipal and cantonal subsidies allocated.
- Medium and long-term price stability guaranteed by sourcing a local fuel supply.
- No need to save for future heating system replacements.
- Energy tax deductible.

## Increase the value of your building

- Make use of the additional space when the boiler is relocated outside your property.
- Add value to your property with a better energy class.

## Simplify your technical support

- ALTIS becomes your single point of contact.
- Permanent remote monitoring means malfunctions can be resolved before you even notice a problem.
- Maintenance of the primary network and rapid intervention in the event of a breakdown guaranteed 24/7.
- Highly reliable heating supply.
- You no longer have to buy your own fuel.

## Safeguard your future

- Contribute to the development of regional energy heritage by using renewable and local resources.
- Significantly reduce CO2 emissions and support the 2050 energy strategy for the benefit of future generations.



# Comparaison des coûts et avantages des divers systèmes de chauffage :



\* Under certain conditions.

\*\* In anticipation of the enforcement of the new environmental policy (MoPEC 2014).



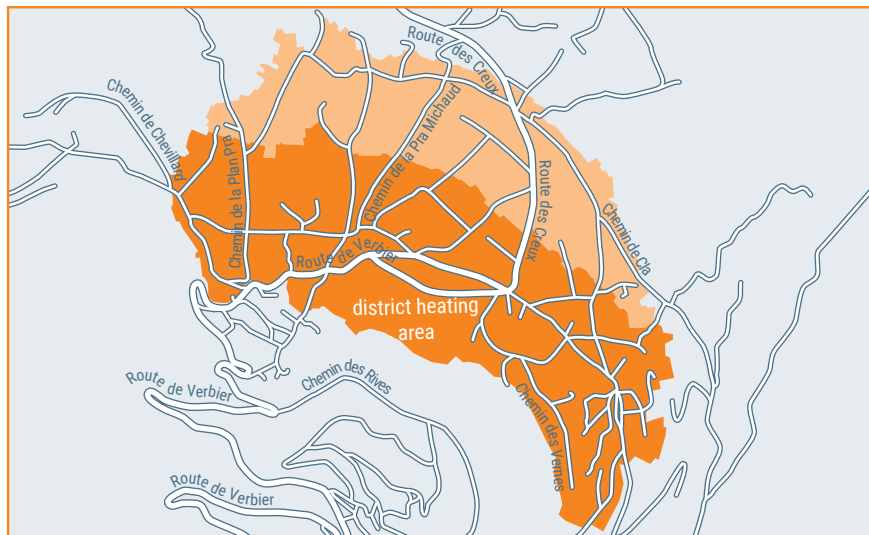
# Where is district heating available in your area ?

## District heating is now available in four areas: :

**Verbier, Villette, Bruson, Vollèges et Sembrancher.**

An extension of the network and further expansion of the distribution areas listed below are currently being carried out or are part of an ongoing project, which will last several years.

## VERBIER

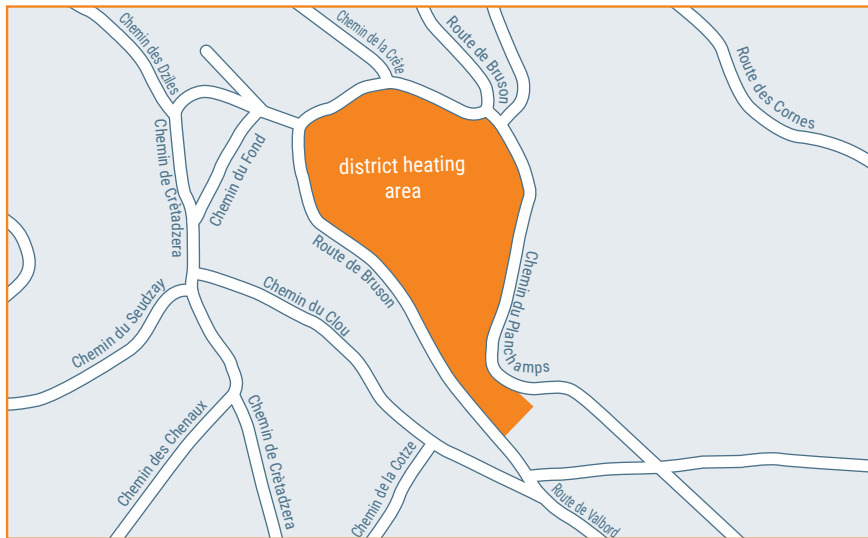


## VILLETTE

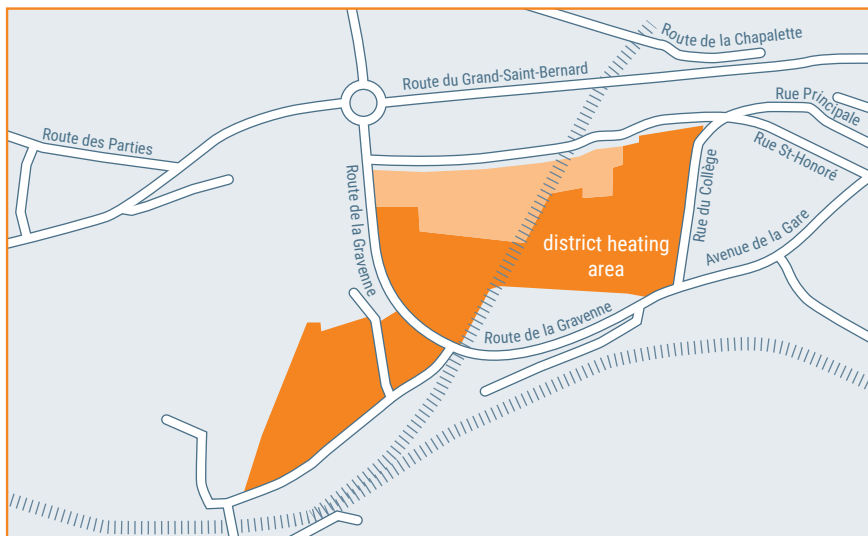




## BRUSON



## SEMBRANCHER



### What are your next steps ?

Do you have a new project or would you like to replace your existing heating system?

Contact us and we will support you throughout the whole process:

- **Project and background analysis**
- **Preliminary project and financial estimate Requests for authorizations, rights of way, subsidies**
- **Planning**
- **Completion**
- **Management and maintenance**





# INTERESTED ?

Contact-us.



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