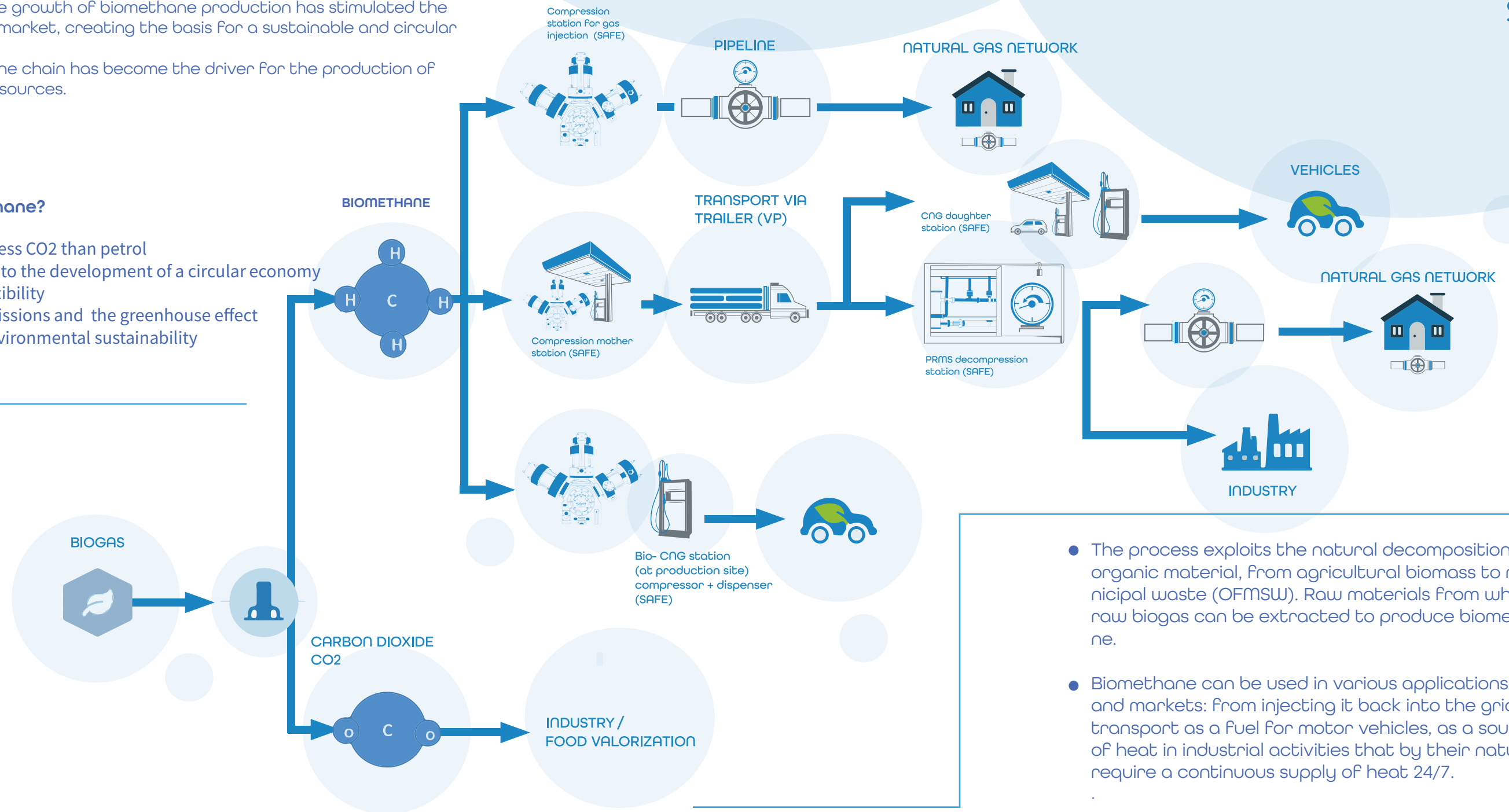


- Since 2010, the growth of biomethane production has stimulated the global biogas market, creating the basis for a sustainable and circular economy: the biomethane chain has become the driver for the production of clean energy sources.

### Why Biomethane?

- It emits 20% less CO<sub>2</sub> than petrol
- It contributes to the development of a circular economy
- Maximum flexibility
- It reduces emissions and the greenhouse effect
- It respects environmental sustainability



- The process exploits the natural decomposition of organic material, from agricultural biomass to municipal waste (OFMSW). Raw materials from which raw biogas can be extracted to produce biomethane.
- Biomethane can be used in various applications and markets: from injecting it back into the grid, to transport as a fuel for motor vehicles, as a source of heat in industrial activities that by their nature require a continuous supply of heat 24/7.

## More than **solutions**

Our mission is to empower the global **energy transition**

Thanks to more than 45 years of experience in gas compression, SAFE provides highly customised turnkey solutions for biomethane compression systems both on a small scale (50-300 Sm<sup>3</sup>/hour) and grid injection systems (150-5,000 Sm<sup>3</sup>/hour). These solutions are designed and implemented to meet the needs of different markets, such as automotive, domestic and, industrial use and grid distribution.

- **Land-based refuelling**  
Public and private stations for vehicles and HGVs
- **Virtual pipeline**  
Integrated onload and offload solution for sites not serviced by the gas distribution network
- **Grid reverse flow**  
Reverse technology to compress excess biomethane on a distribution network, injecting it into the higher pressure network
- **Grid injection**  
Biomethane compression station for grid injection

SAFE brings the  
**future**  
closer every  
day



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