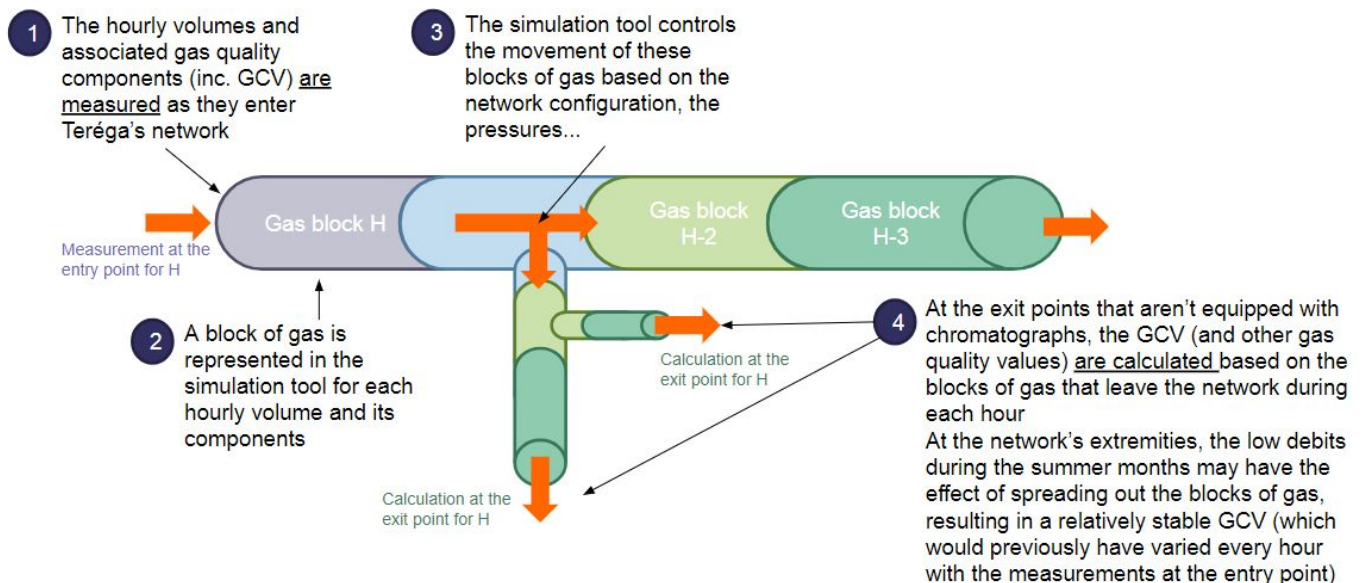


Since the 1st July 2018, Teréga is using a new, innovative solution, SIAM (Simulation, Analysis & Metering), to supply optimal quality intraday data:

- All of the meter and chromatograph readings are collected hourly.
- New substitution methods have been implemented based on consumption profiles to improve precision in case of missing or incoherent hourly data.
- The metering system is connected to a dynamic gas flow simulation tool, allowing us to calculate the gas quality (including the GCV), and therefore supply hourly volume and energy values for every point in the network.

The new gas flow simulation tool changes the method of calculation of gas quality at delivery points that are not equipped with chromatographs:

- The previous method assigned the gas quality measurements from the chromatographs at a zone's entry point to all the zone's exit points. Therefore, the GCV changed every hour with the measurements.
- The new method uses a simulation tool that mimics the movement of the gas around the network based on actual measurements (volumes, pressures, gas quality). This simulation makes it possible to calculate precisely the GCV at a delivery point, taking into account the time it takes for the gas to travel from the entry point (see the diagram below).



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