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ENGIE –

On-site energy generation : long term solutions to cut carbon footprint while increasing flexibility

- Combined Heat and Power (CHP) on-site technologies provide energy autonomy and economic advantages to many chemical production facilities, and was increasingly implemented since the 90'.
- With the need to decarbonize industrial activities and utilities supply, a combined approach is looming.
- To increase its share of green energy and remain flexible, industry will have to combine mature solutions such as renewables-fueled CHP, with long term green power and gas purchasing agreements (based on on-site or off-site assets) and new solutions involving carbon capture technologies and renewable H2.