

## CONSORTIUM



# sowHat

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# METHODOLOGY



Algorithms development for WH/C valorisation potential analysis



Unlock industrial WH/C valorisation via suitable business and contractual models to be incorporated in the SOWHAT software for a complete techno-economic evaluation



Development and validation of SO WHAT software



SO WHAT Replication campaign thanks to Stakeholders engagement



Dissemination and preparation of future commercial deployment of SO WHAT tool

# ABOUT

SO WHAT aims to develop and validate, through different sector and countries real industrial test cases, an integrated software for auditing industrial process, planning and simulation of waste heat and cold (WH/C) valorisation systems towards the identification of economically viable scenarios where WH/C and renewable energy sources (RES) cooperate to match local demand.



# OBJECTIVES

SO WHAT will ensure a maximum prediction error in energy recovery estimate and CBA results between 5% and 10%.

SO WHAT will reduce the cost and time related to Energy Audits, and thus WH/C recovery projects, up to 0.4 €/m<sup>2</sup> and 3-5 day/audit (number of visits reduction)

SO WHAT will progressively increase the number of new project on industrial WH/C recovery, resulting in 27,705 accumulated projects by 2030.

SO WHAT will reach at least 36 industrial sites, including 24 SPIRE industries, 4 industrial parks, 12 public authorities, including 16 energy agencies, 12 DHC operators (energy companies), 24 associations and 4 RTO by 2021.

SO WHAT is expected to trigger the creation of around 2,815 new jobs between 2023 and 2030.