

Survey on the potential market for CO₂ transportation and storage at the Ravenna site

Results presentation

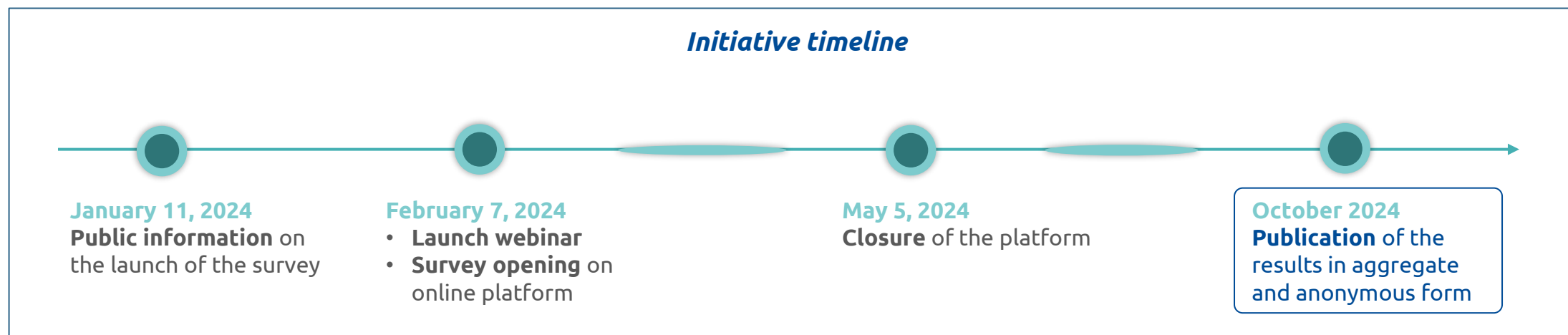
October 2024



- The purpose of this document is to publish a summary of the survey results on the potential market for the transport and storage of CO₂ volumes - captured within the Italian industrial system - at the offshore sites planned in the Adriatic as part of the Ravenna CCS project (developed via a 50-50 Eni - Snam joint venture), which took place in Q1 and Q2 2024.
- The results and information reported in this document:
 - consist of statistics and indicators, presented in an anonymous and aggregated form, elaborated by Eni and Snam based on the data collected through voluntary responses from a sample of companies across various industrial sectors, and limited to these;
 - do not constitute any commitment nor do they reflect, in any way, the views of Eni and Snam and should not be considered as a source of any binding commitment or contractual relationship between Eni, Snam, and any interested party;
 - are for purely indicative purposes;
 - have been made available to the Ministry of Environment and Energy Security (MASE) as part of the work for the preparation of the CCUS study, provided for by Article 7, Paragraph 3 of Decree-Law No. 181 of December 9, 2023.

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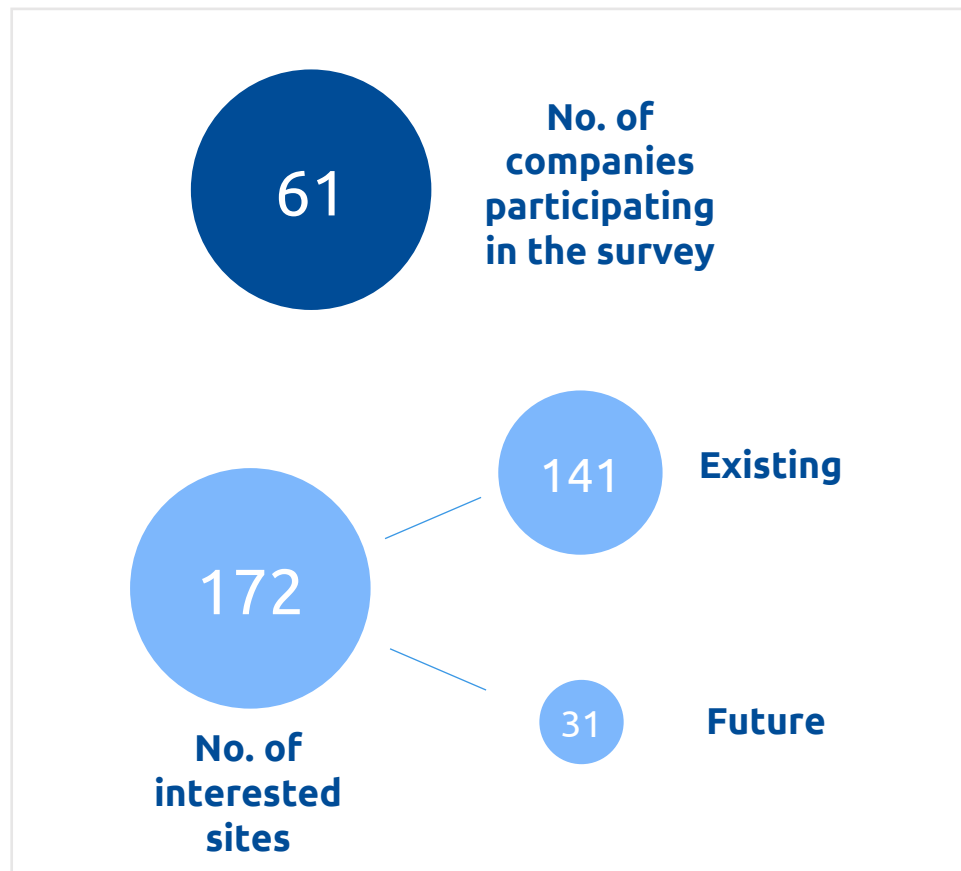
- This public initiative, active from February 7 to May 5, 2024, was supported throughout its duration by an appropriate information campaign. During the launch event, the objectives of the survey, as well as the online registration and guidelines on how to fill the questionnaire and the non-binding Expression of Interest, were presented.
- **This document presents a summary of the survey results**, with the following statistics illustrated on the subsequent pages:
 - **Summary of results:** participating companies and CO₂ volumes for which they have expressed interest in conferring
 - **Sectoral distribution** of CO₂ volumes to be conferred
 - **Regional distribution** of CO₂ volumes to be conferred
 - **Size of sites** based on CO₂ volumes to be conferred



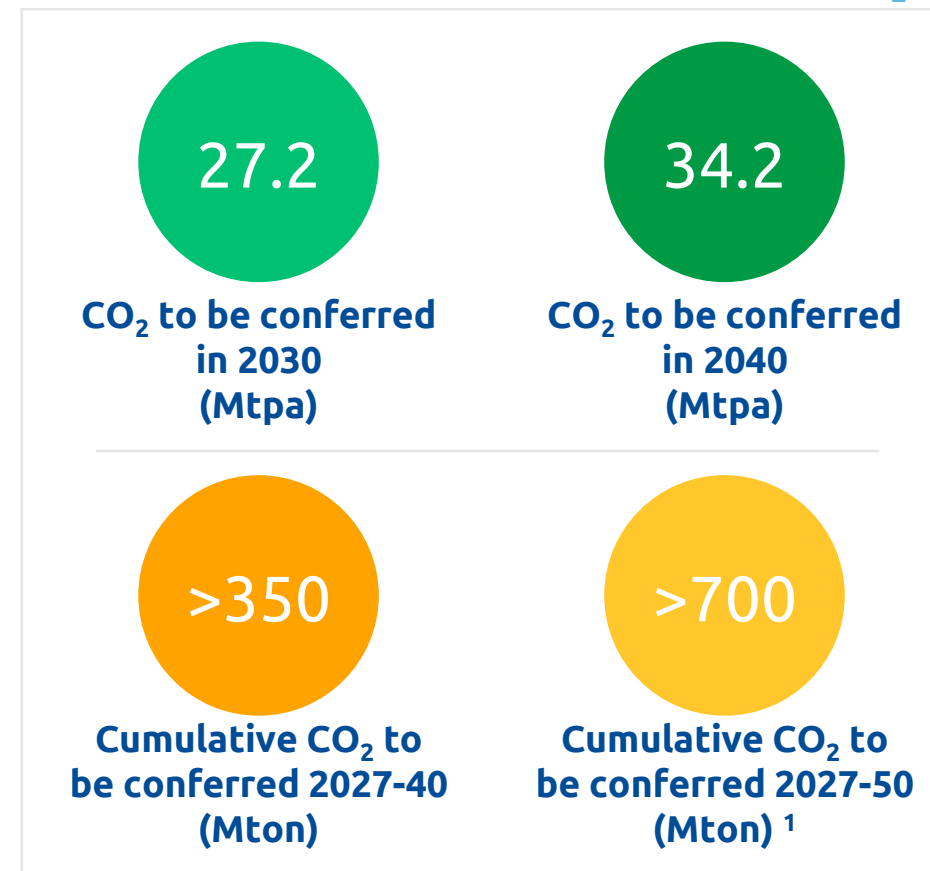
Survey on the CCS potential market – Summary

A total of 61 companies participated, accounting for 172 emission sites, most of which are existing plants. Overall, the non-binding expressions of interest in CO₂ delivery highlight a potential demand that exceeds the storage capacity of the Ravenna CCS Project (up to 500 million tons in the long term).

Participating Companies



Expressions of Interest in conferring CO₂

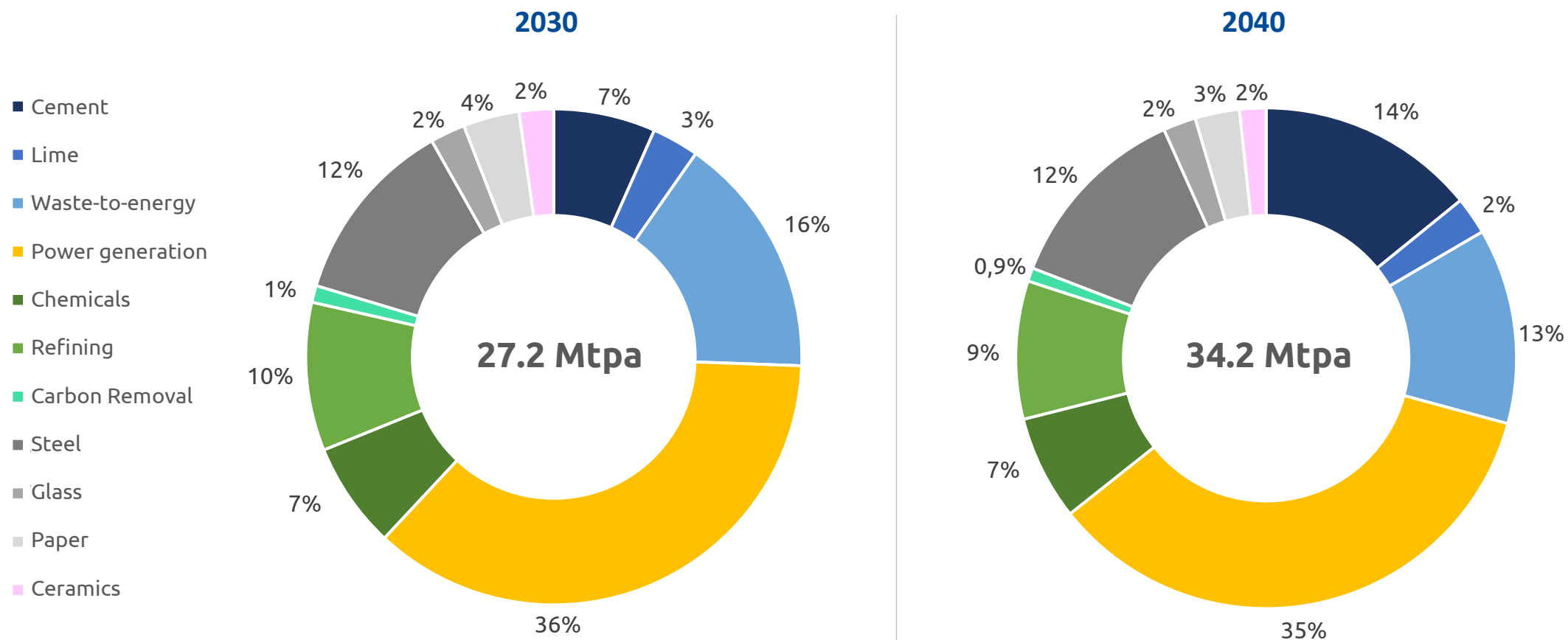


The data illustrated refer to participating companies with industrial sites in Italy (geographical scope of the survey)

1) Calculated on the assumption that the annual CO₂ volumes that can be delivered in the period 2041-2050 are the same as those indicated by the respondents in the year 2040

Sectoral distribution of CO₂ volumes to be conferred

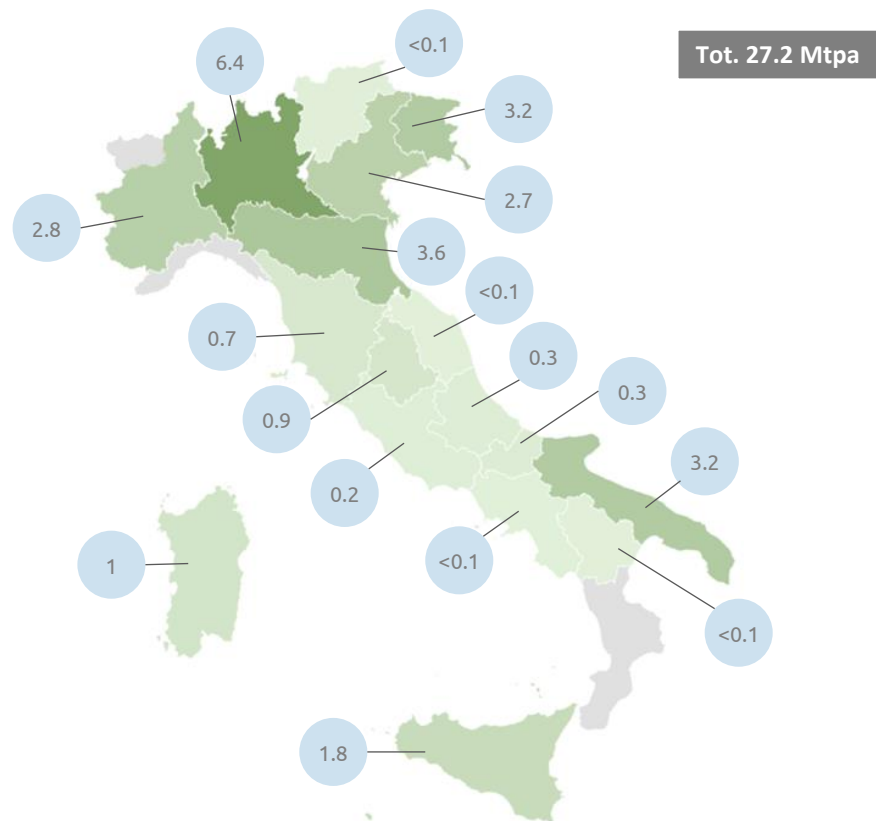
The total CO₂ volumes for which the respondents have expressed interest in delivery are presented here, categorized by their respective industrial sectors, for the two reference years 2030 and 2040.



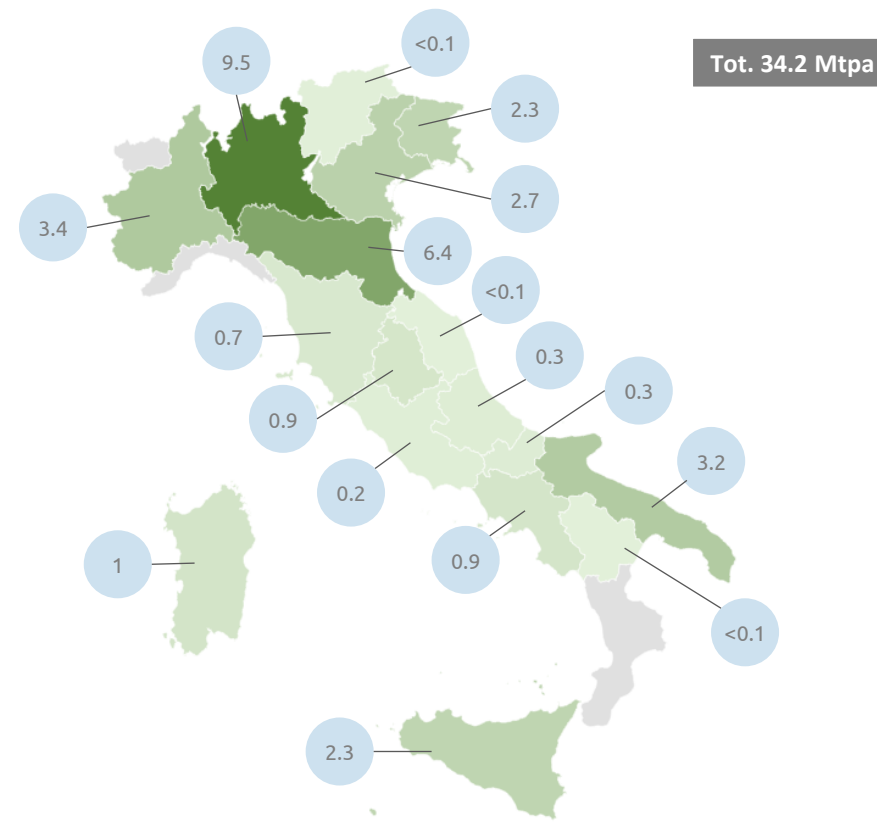
Regional distribution of CO₂ volumes to be conferred

The total CO₂ volumes for which the respondents have expressed interest in delivery are presented here, categorized by their respective Italian regions, for the two reference years 2030 and 2040.

CO₂ to be conferred in 2030 (Mtpa)



CO₂ to be conferred in 2040 (Mtpa)

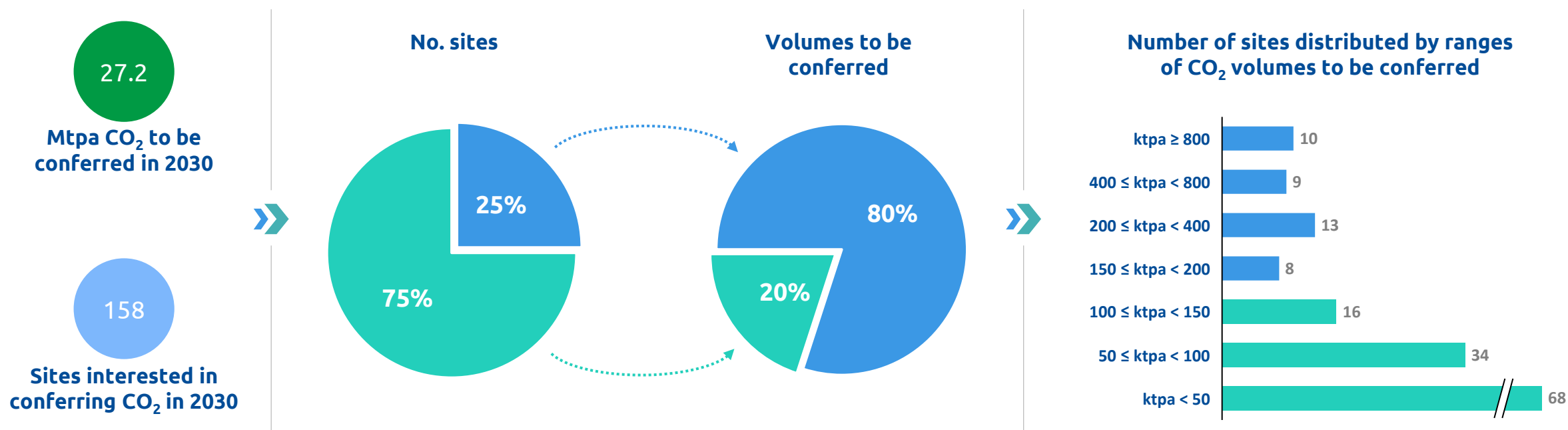


Volumes to be conferred (Mtpa)



Size of sites based on CO₂ volumes to be conferred

The analysis of the distribution of CO₂ volumes to be conferred in relation to the number of plants by 2030¹ indicates that **80% of the volumes to be conferred** (equivalent to ~ 22 Mtpa) comes from **25% of the sites** (equal to 40). The remaining 20% of the volumes (~5 Mtpa) comes from 75% of the sites (equal to 118). The graph on the right illustrates the breakdown of the number of sites across various ranges of CO₂ volumes to be conferred.



1) The same analysis of the data for 2040 generates results that are comparable to those presented here

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