

Declaration of originality

I declare under my responsibility that the Project presented with the title **High-Power Electric Charging Infrastructure For Future Ground Mobility** at the ICAI School of Engineering of the Comillas Pontifical University in the academic year **2025-2026** is of my authorship and has not been presented previously for other purposes. The Project is not plagiarised from any other, either totally or partially, and the information that has been taken from other documents is duly referenced.

Use of Artificial Intelligence¹

I declare under my responsibility that (indicate the correct option):

☐ I have not used Artificial Intelligence in the preparation of this document.

☒ I have used Artificial Intelligence in the preparation of this document and/or Annex B under the conditions allowed by Comillas Pontifical University, i.e. applying Level 2 of the Perkins et al. (2024) Assessment Scale: "AI can be used for pre-task activities such as brainstorming, description and initial research. This level focuses on the use of AI for planning, synthesising and generating ideas, but assessments should emphasise the ability to develop and refine these ideas independently". Specifically, Artificial Intelligence has been used to:

Artificial Intelligence tools have been used as support during the preparation of this project. I used them mainly to discuss and organise ideas, translate and adapt text between French, Spanish and English, improve writing style and clarity, reformulate passages based on my own content, summarise technical information, and identify possible sources to be checked afterwards. In all cases, the final wording was reviewed, edited and accepted by me.

All technical reasoning and analyses presented in the thesis are my own. The project's technical content, results, interpretation and conclusions were developed, checked and validated by me. AI was used as a writing and language support tool, but it was not used to carry out technical reasoning, perform engineering analyses, make design decisions or replace my own judgement. All sources included in the final document were reviewed and referenced where applicable.

¹ This declaration refers to the use of generative Artificial Intelligence to carry out the Project documents (Annex B and Memory). It does not apply to Projects where, by their nature, artificial intelligence must be used as part of them (application of machine learning techniques, neural networks, data analysis...).

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