

<https://eomys.com/realisations/article/realisations>



# References

- References -

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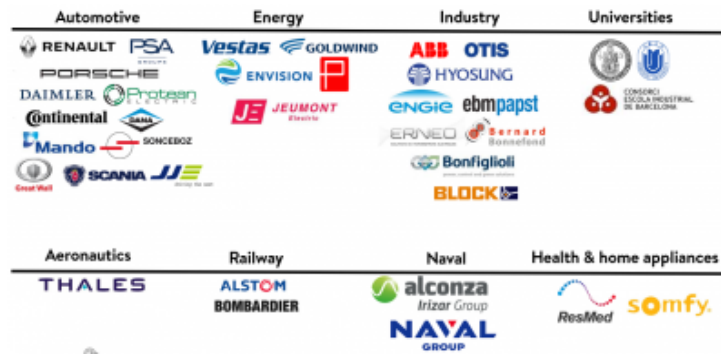
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## References

Customers of EOMYS [R&D services](#) include universities, large companies and innovative SMEs in the transportation (railway, automotive, naval), industry and energy sectors:



### EOMYS references

EOMYS [expertise](#) was involved in the following projects:

- ▶ NVH simulation of electrical powertrain, root-cause analysis and counter-measure solutions
- ▶ measurement of [electromagnetically-excited noise and vibration](#), analysis and redesign proposals (up to **40 dB reduction**)
- ▶ vibroacoustic and electromagnetic multiobjective [optimization](#) of electrical machines using [MANATEE software](#)
- ▶ [technical trainings](#) on noise and vibrations due to magnetic forces in electrical machines
- ▶ development and validation of heat transfer models of electrical machines
- ▶ [cooling design](#) and [optimization](#) of electrical machines
- ▶ efficiency improvement of electrical machines
- ▶ development of electromagnetic and thermal models of transformers
- ▶ multiphysic optimal design of passive components