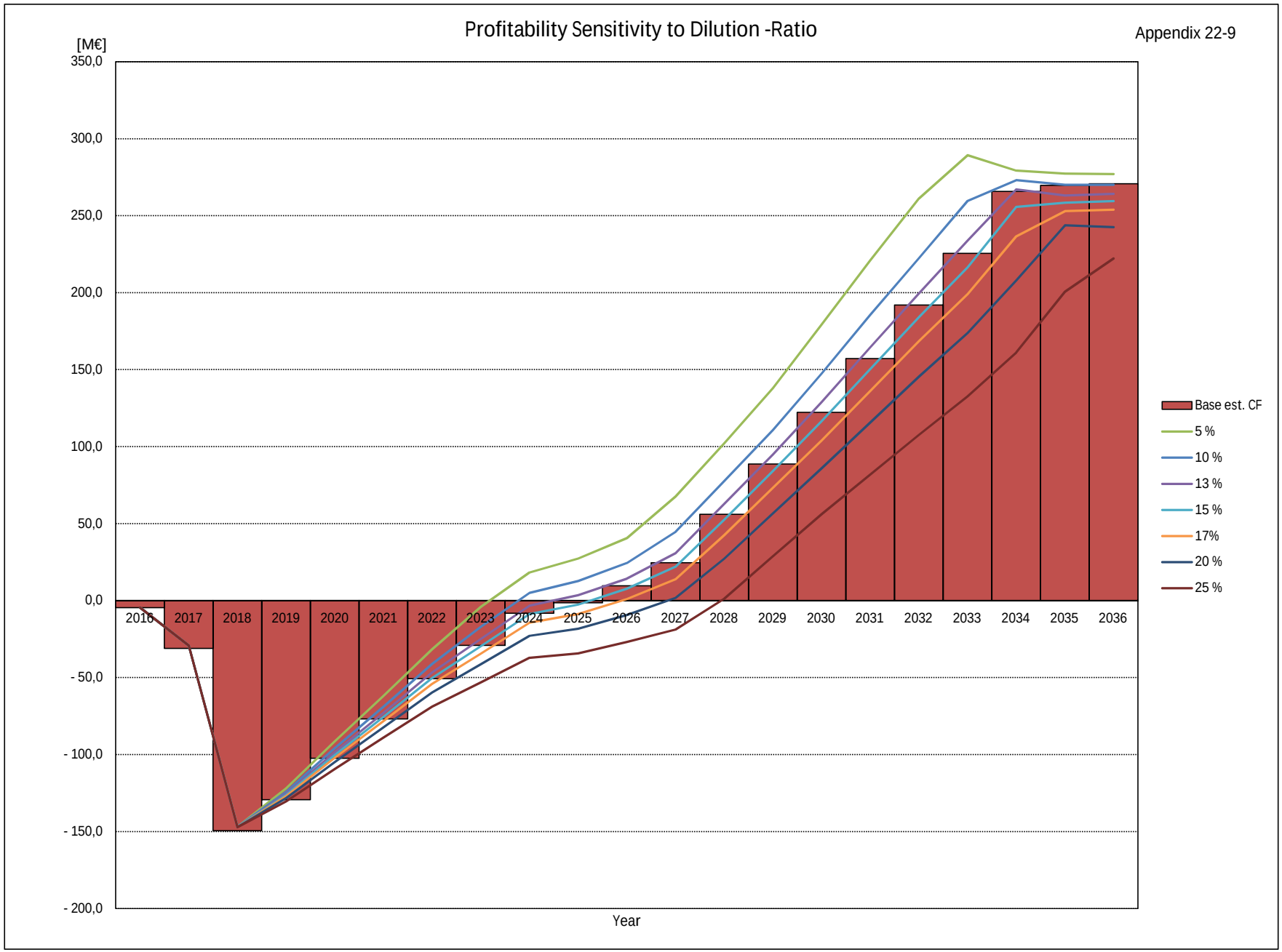Appendix 22-9