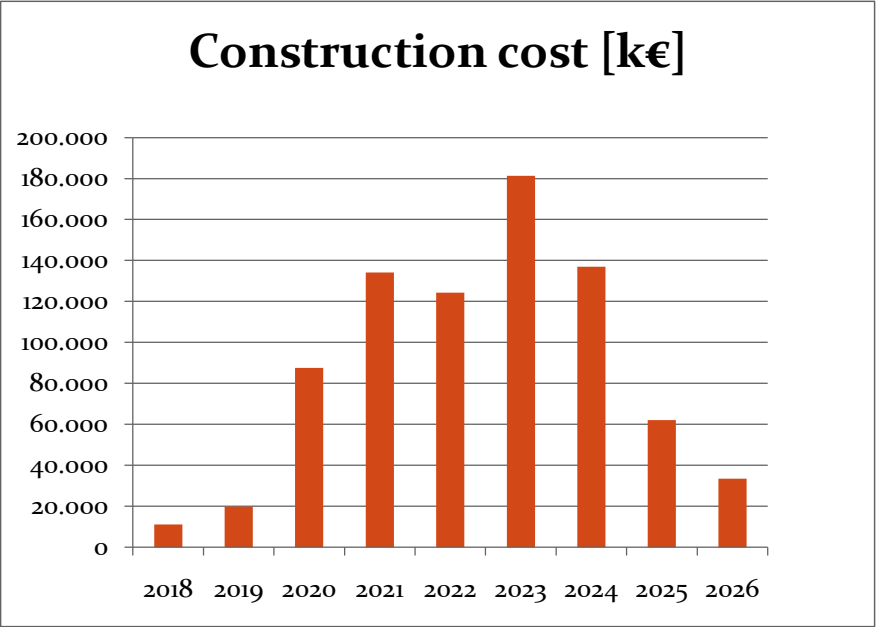


# ET Observatory Costs Evaluation

Configuration: Xylophone configuration, 30 km arm  
total length, 100 m underground

Total Construction (M€)	827
contingency	30%
Total with contingency	1075



IDsystem	System	Configuration	Option	Subtotal (k€)	2018	2019	2020	2021	2022	2023	2024	2025	2026	Subtot (M€)
1	Site	Xylophone - Triangular	=Baseline OR =Common	591.746	5251	12011	79283	1E+05	1E+05	136102	84289	11691	4501	555
2	Vacuum	Xylophone - Single detector	=Baseline	169.864	5730	7800	6800	10210	10960	30566	38079	38079	21639	170
3	Cryogenics	Xylophone - Single detector	ALL	13.200	0	0	0	720	3880	2640	2640	3320	0	13
4	Suspensions	Xylophone - Single detector	<>	14.274	0	0	0	0	2211	2847,6	3973	2975	2267	14
5	Optics	Xylophone - Single detector	=Baseline	37.590	0	0	1400	4630	3644	9145,5	7949	5908	4915	38
Construction Totals				826.674	10981	19811	87483	1E+05	1E+05	181302	1E+05	61973	33322	790,174