

EU-US ITER Construction Cost Estimate 2017

EU Commission Cost Estimates	First DT	Total ITER Cost Inferred
EU Current year BEUR		
Total Construction Cost estimate [1]	18.1 B EUR	
	20.6 B USD	45.7 B\$
	1EUR = 1.137 USD	21.7/0.45
EU Commission [1],p 13 recommends cost contingency of 10% to 20%	23.9 to 26 B USD	50.3 to 54.8 B\$

Not Included in above Euratom
 FR Regional Unknown
 FR Local [(2)] 0.5 BEuros 0.5 B Euros

US ITER Cost Estimates [3]			
CD-0	July 7, 2005		
CD-1	January 15, 2008	1.45 to 2.2 B\$	
CD-2*	January 13, 2017	Total 4.7 to 6.5 B\$	52 to 71 B\$
			4.7/0.09 to 6.5/0.09
*US ITER is now three Projects	January 13, 2017	SP-1 0 to 1st Plasma	2.5 B\$
	January 13, 2017	SP-2 1st Plasma to D-T	1.1 to 1.7† B\$
	January 13, 2017	Cash Contribution start to finish	1.1 to 2.3† B\$
			Approved Baseline

† Preliminary estimates, not independently validated

Based on documents below:

- [1] [EU CONTRIBUTION TO A REFORMED ITER PROJECT-{SWD\(2017\) 232 final}-Euratom to EU Council June 14, 2017](#)
 Table 2, page 10 and text on page 13
[EC Staff Report - http://www.firefusionpower.org/commission_staff_working_documentiter_2017.pdf](http://www.firefusionpower.org/commission_staff_working_documentiter_2017.pdf)
[EU Auditors Report \(Issued Nov 13, 2017 https://www.eca.europa.eu/Lists/ECADocuments/F4E_2016/F4E_2016_EN.pdf\)](https://www.eca.europa.eu/Lists/ECADocuments/F4E_2016/F4E_2016_EN.pdf)

[2] ITER France Website

[3] http://www.firefusionpower.org/US_ITER_Request_CD2-3_Action_Memo.pdf

[4] http://www.firefusionpower.org/DOE_US_ITER_May_2016.pdf

Dale Meade, Updated 1/23/2019