



De-risk complex projects: improve your project plan reliability

CUSTOMER CASE IN THE SPATIAL INDUSTRY (2017) - POSITIVE ROI AT FIRST USE

Benefits of using arKItect WBS-builder to build a proposal for a >300 M€ project measured by a customer of the spatial industry.

	With arKItect WBS-builder (man*days)	Comments	Untooled MS Office process (man*days)	Comments
Time spent to build WBS				
PMO expert - project architect	35	First use of arKItect WBS-builder.	10	Integrate contributions, review final document.
Fill in WBS information by each member of response team (x 30 persons)	0,5		2	Built in emergency context before deadline Week level of consistency.
Effort to build WBS	50	reduction by 28%	70	
Use of the model for generating other documents				
Produce other documents: CFI, DILS, DDL, PBS	25	Target 5 days of reduction if documents are automatically generated from the model	30	
Total project management	75	reduction by 25%	100	
Expected gain on next project after analysis of process applied on first use				
Expected gain by improvement of generic WBS construction	-15	Learning curve on tool. Reuse of the process models.	0	
Total	60	reduction by 40%	100	
Side effect on engineering tasks due to better consistency				
Loss of time on engineering tasks due to inconsistencies in WBS during the answer process	10 to 15 days saved, may be more	Formerly, loose definition of WBS in early stage leads to overlaps and misunderstanding		
Other benefits				
Lower Non Quality Costs	"If an estimation of time saved by not doing low level and error prone tasks is useful, the principal advantage of the approach is certainly the consistency of all project management data during the duration of the project, inducing much more important savings in Non Quality Costs, but also difficult to estimate. "			

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