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**Niels Malotaux** 

# **Evolutionary Project Planning** Getting and Keeping the Project On Time

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# **Niels Malotaux**

Niels Malotaux is an independent Project Coach specializing in optimizing project performance. He has over 35 years experience in designing electronic hardware and software systems, at Delft University, in the Dutch Army, at Philips Electronics and 20 years leading his own systems design company. Since 1998 he devotes his expertise to helping projects to deliver Quality On Time: delivering what the customer needs, when he needs it, to enable customer success. To this effect, Niels developed an approach for effectively teaching Evolutionary Project Management (Evo) Methods, Requirements Engineering, and Review and Inspection techniques. Since 2001, he taught and coached over 100 projects in 25+ organizations in the Netherlands, Belgium, China, Germany, India, Ireland, Israel, Japan, Romania, South Africa and the US, which led to a wealth of experience in which approaches work better and which work less in the practice of real projects.

Niels puts development teams on the Quality On Time track and coaches them to stay there and deliver their quality software or systems on time, without overtime, without the need for excuses. Practical methods are developed, used, taught and continually optimized for:

- Evolutionary Project Management (Evo)
- Requirements Engineering and Management
- Reviews and Inspections.

Within a few weeks of turning a development project into an Evo project, the team has control and can tell the customer when the required features will all be done, or which features will be done at a certain date. Niels enjoys greatly the moments of enlightenment experienced by his clients when they find out that they can do it, that they are really in control, for the first time in their lives.























TimeLine

delive

z o

delivery

asks

tasks

tasks

tasks

tasks

tasks

deliver



Agile, but will we be on time ?
Organizing the work in very short cycles
Making sure we are doing the right things
Doing the right things right
Continuously optimizing (also what not to do)
So, we already work more efficiently
but ...
How do we make sure the whole project is done on time ?





Line	Activity	Estim	Spent	Still to spend	Ratio real/es	Calibr factor		Date done
1	Activity 1	2	2	0	1.0			
2	Activity 2	5	5	1	1.2	1.0	1	30 Mar 2009
3	Activity 3	1	3	0	3.0			
4	Activity 4	2	3	2	3.5	1.0	2	1 Apr 2009
5	Activity 5	5	4	1	1.0	1.0	1	2 Apr 2009
6	Activity 6	3				1.4	4.2	9 Apr 2009
7	Activity 7	1				1.4	1.4	10 Apr 2009
8	Activity 8	3				1.4	4.2	16 Apr 2009
¥	+							
16	Activity 16	4				1.4	5.6	2 Jun 2009
17	Activity 17	5				1.4	7.0	11 Jun 2009
18	Activity 18	7				1.4	9.8	25 Jun 2009

































Impact Est	timation			
Impact	Monthly	Facebook	Image & video	Total effect
Estimation	Donations	integration	uploads	for requirement
€E donations	80%	30%	50%	160%
13ME → 18ME	±30%	±30%	±20%	±80%
Time donations	10%	50%	80%	140%
2800hr→3600hr	±10%	±20%	±20%	±50%
Market share	30%	30%	20%	80%
6% → 10%	±20%	±20%	±10%	±50%
Total effect	120%	110%	150%	380%
per solution	±60%	±70%	±50%	±180%
Cost - money	30%	20%	50%	100%
% of 1M€	±10%	±10%	±20%	±40%
Cost - time	40%	20%	50%	110%
% of 10 months	±20%	±10%	±20%	±50%
Total effect /	120/30 = 4	110/20 = 5.5	150/50 = 3	
money budget	1.5 9	1.3 18	1.4 6.7	
Total effect / time budget	120/40 = 3 19	120/20 = 6 1.3 18	120/50 = 2.4	























