

SE-T Business Development

Mr. Blaise Nyang



Blaise is an experienced professional in Business Development, Marketing and Sales with extensive hands-on experience in conducting business introduction, growing a client base for companies and evaluating/implementing growth strategies.

Experience:

- Assistant Project Coordinator at BRIWODEV COOP
- Account Relations Officer at NFC Bank
- Research Assistant at EAE Business School and Research Centre
- Marketing and Sales at SHIKS Incs.





Course Presenter

Mr. Niels Malotaux



Project and Organizational Coach

Helping projects and organizations to quickly become

- More effective
- doing the right things better
- More efficient
- doing the right things better in less time
- Predictable

- delivering as needed

Result Management

EDU OUA

SE-TRAINING

Getting projects back on track

Helping with Architecture/Design/Review of Electronics/Firmware/Software

Project Types: Electronic Products, Firmware, Software, Space, Railway, Telecom, Industrial Control, Parking System







SE-TRAININ

Earth Observation Satellite



In Short

- Very experienced Systems Engineers
- Using quantified requirements routinely
- 6 year pure waterfall project (process imposed by ESA
- Don't know exactly where they'll end up
- One problem: They missed all deadlines (can you help us)
- 9 weeks later: They haven't missed any deadline since
- "Sorry, we delivered 1 day early" (instead of expected 1 year late)
- Savings: at least 40 man-year (about €6M ?)
- How did they do that ?





Convincing the Project Manager

How to convince the Project Manager

• Does it fit?	kinds of projects for 27 years.We're very good at it.What do you think you can contribute to that?	 anything by the end of the week? A status report? How much time do you need? How much time do you have? Does it fit? 	about it? • Please coach the team!
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T **Output Output Ou**



19 Weekly TaskCycle What are we going to do, what not, and why **Removing Waste** Before Time Spent Project Organisation • Are we doing the right things? • In the right order • To the right level of detail for now • Optimising estimation planning and ROAD MAP TASK DELIVERY STRATEGY tracking abilities • To better predict the future • Select highest priority tasks · Never do any lower priority tasks Never do undefined tasks • There are only about 26 plannable hours in a week (default 2/3) In the remaining time, do whatever else vou have to do • Tasks are always done, 100% done

Weekly TaskCycle

What are we going to do, what not, and why



Weekly Plan

- How much time do we have available
- 2/3 of available time is net plannable time
 - 2/3 is default start value. This value works well in development projects
- What is most important to do
- Estimate effort needed to do these things
- Which most important things fit the available time
 Default 26 hours per week
- What can, and are we going to do
- What are we **not** going to do

Weekly Planning

Optimising Time Spent on Planning

Individual Preparation

- Conclude current tasks
- What to do next
- Estimations
- How much time is available

Modulation with / coaching by Project Managment-

• Status

- All tasks done, completely done, no need to think about it anymore?
- Priority Check
 Are these really the most
- Are these really the most important things?
- Feasibility
 Will it be done by the end of the week?
- Commitment and Decision

Synchronisation with group (team meeting)

- Synchronisation
- Formal Confirmation
- This is what we plan to do
- Concurrency
 - Do we have to synchronize?

SE-TRAINING

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- Learning
- Helping

EDUOUA

Socialising

Awful Schedule Pressure!

	×		х	х	х	х	
	×	х		х		х	х
	×	х	х	х	х	х	х
	×			х	х		
			х	х		х	Х
Per Doc					Hour		
Per Doc					Hour		
4 Heavy				15	60		
3 Easy				2	6		
Other W	′ork			Total	66 33		
					99		
Available	2			2~26	52		

Problem - Solution

- Meeting with sub-contractors in three weeks
- 2 weeks to review documents
- "Impossible deadline"
- How many documents to review?
- How much time per document?
- Some suggestions...
- Result: well reviewed, great meeting, everyone is satisfied

23 **Time Line** Now Date needed (FatalDate) "all" done TimeLine • How do we know that we do Date needed (FatalDate) and get what is needed, Now when it's needed? • Better 80% 100% done, Date needed (FatalDate) than 100% 80% done. Now • Let it be the most important 80% Bells and whistles Most important things



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27 **Adding People** Brooks' Law (1975) Economic 14 optimum 13 12 ality (Putnam) 11 Adding people 10 shortest time 9 to a late project 8 nine 7 project mothers duration makes it later! 6 area 5 4 intuition people x time = constant 3 . Man-Month Myth 2 8 9 10 11 12 13 14 15 16 6 number of people



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Did it work for this project?



Did it work?

- 2 months needed to get the process in full swing
- All engineering documents in PDF, and CDR data packages on time
- Stress level in team greatly reduced
- More supervisory work for Systems Engineer
 - Can effectively handle up to 8 people
- People not in the Evo swing lag behind so we need everyone to follow.
- Good enough to become company standard? I say YES!
- Ref: Project Systems Engineer



Quality on Time

Delivered by Niels Malotaux

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To register: info@se-training.net