

# Workshop Reflective Practice; How to Apply SE in Practice

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## Abstract

Industry master students work part-time in an engineering company. The Reflective Practice workshops are set-up to stimulate reflection about theory and practice. The workshop *How to Apply SE in practice* is the second workshop, where the questions are: Where are Systems Engineering techniques and methods applied in my company? Where can Systems Engineering techniques and methods add value? How can I make a start in applying Systems Engineering techniques and methods?

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August 16, 2011  
status: preliminary draft  
version: 0.1

logo  
TBD

## *Colophon*

Merete Faanes from Buskerud University College created the educational flow *Reflective Practice* .  
Reflective Practice is a thread throughout the entire master Systems Engineering to stimulate students to relate *Education* and *Practice* .

These workshops are the result of the cooperation of Merete Faanes and Gerrit Muller

# Pre-assignment

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Fill in the pre questionnaire at

<http://www.gaudsite.nl/RPHTAquestionnairePre.doc>

Add your name to the filename when submitting it by email

# Agenda

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- 9:00 welcome, last workshop, introduction this workshop
- 9:10 block 1: What did you apply so far and what did you experience?
- 10:20 block 2: What can or needs to be applied?
- 11:30 block 3: How to start applying SE methods?
- 12:40 plenary discussion
- 12:50 pre-assignment next workshop, close

- + What SE methods did you apply?
- + What worked well, what did not work?
- + What keeps you from applying SE methods?

- > Be specific
- > Give examples

Findings and highlights on flipover

# Market Place

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- + 1 student, the host, stays with your flipover
- + The other students visit the other groups.
- + Read and discuss the results of the group you visit with the host
- > Provide feedback: Positive (I like) and Negative (I am concerned);
- > minimal 4 feedback notes per person
- + After some take over the host role and visit next groups
- > Be **curious**, how do others think?

- + What SE methods do you want to apply?
- + What needs does the organization have?
- + What SE methods are beneficial for the organization?

> Be specific

> Give examples

Findings and highlights on flipover

- + How can you make a start in applying SE methods?
  - + What is a good timing?
  - + Who to involve and who to address?
  - + What do you make and show?
- 
- > Be specific
  - > Mention names, projects, dates, milestones
- Findings and highlights on flipover

Fill in the post questionnaire at

<http://www.gaudsite.nl/RPHTAquestionnairePost.doc>

Add your name to the filename when submitting it by email

Write an 1 page reflection report

# Pre-assignment next Workshop

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Position yourself on the *national cultural dimensions*

and position your company on the *organizational cultural dimensions* .

Use the dimensions as described by Geert Hofstede

<http://www.geerthofstede.nl/>

[http://en.wikipedia.org/wiki/Geert\\_Hofstede](http://en.wikipedia.org/wiki/Geert_Hofstede)

deliver report (max 4 A4's) at least one week before the workshop