

Defining the Test Profession at Sony Ericsson

Mattias Göransson (Sony Ericsson
Mobile Communications)

&

Henrik Andersson (Sogeti Sweden)

Findings and experiences from ...



Sony Ericsson - A joint adventure



Sony Ericsson

AV technology

Product planning & Design

Consumer Marketing/Brand Expertise

Mobile Communications Technology

Operator Relationships

Network Infrastructure Business

SONY

ERICSSON 

Gearing up for growth



Top challenges



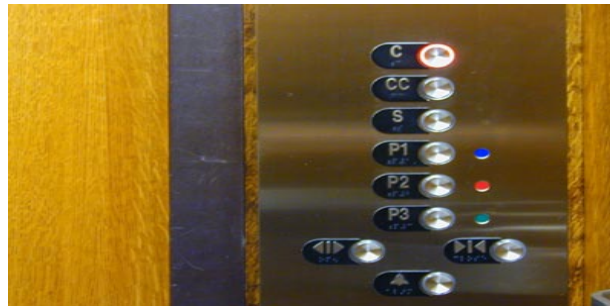
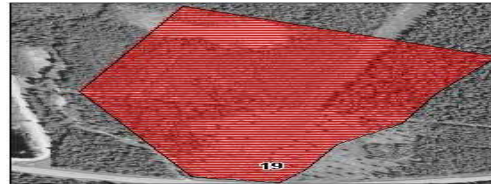
Meet the top challenges and pave the road for improvement



TPI[®] project



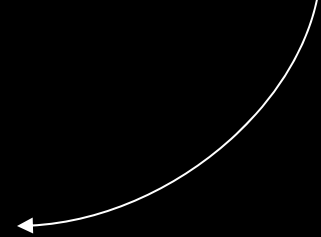
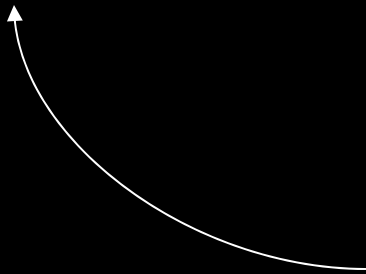
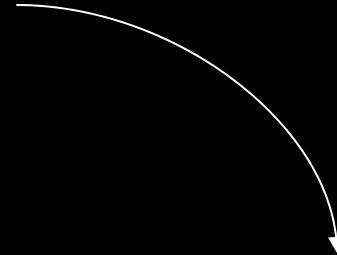
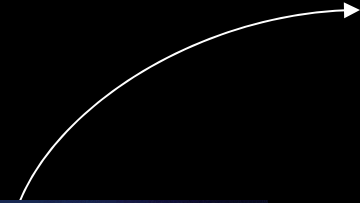
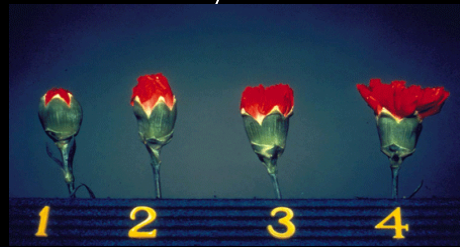
The TPI® model



Test
Maturity
Matrix



The TPI[®] model at work

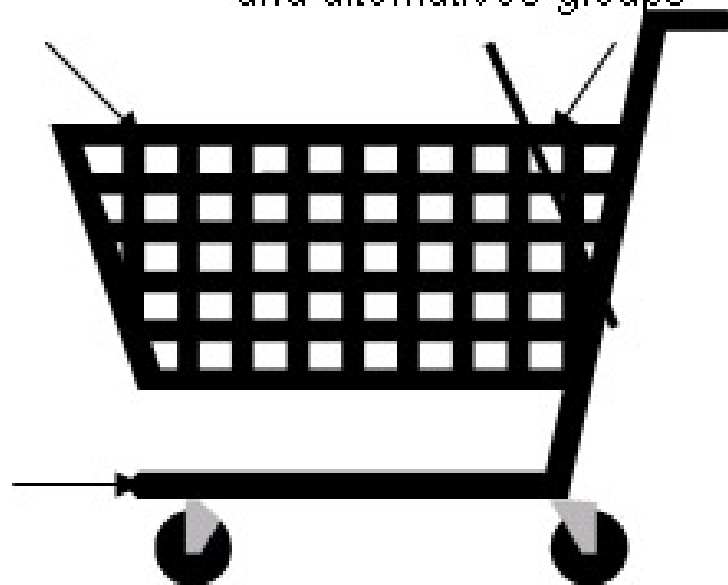


TPI[®] project facts

Think big. use the big part of your cart when choosing grain products, vegetables and fruits

Think smaller. use this part when choosing from the milk products and meat and alternatives groups

Think carefully. limit your choice of foods from the “other” group such as fats, oils and foods high in sugar

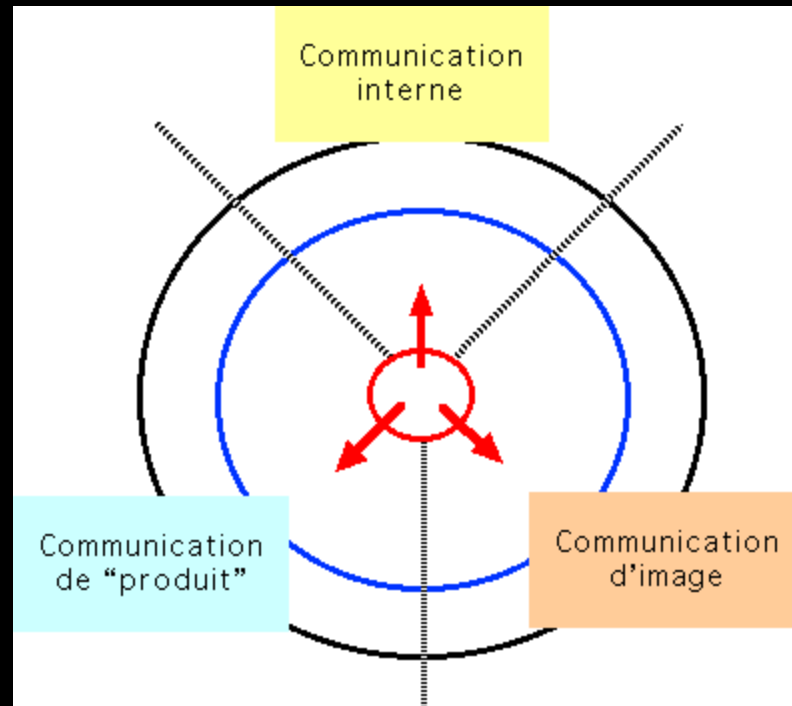


Adapted from The HeartSmartShopper by Ramona Josephson

Roles



Communication plan



Documents



Top one achievement



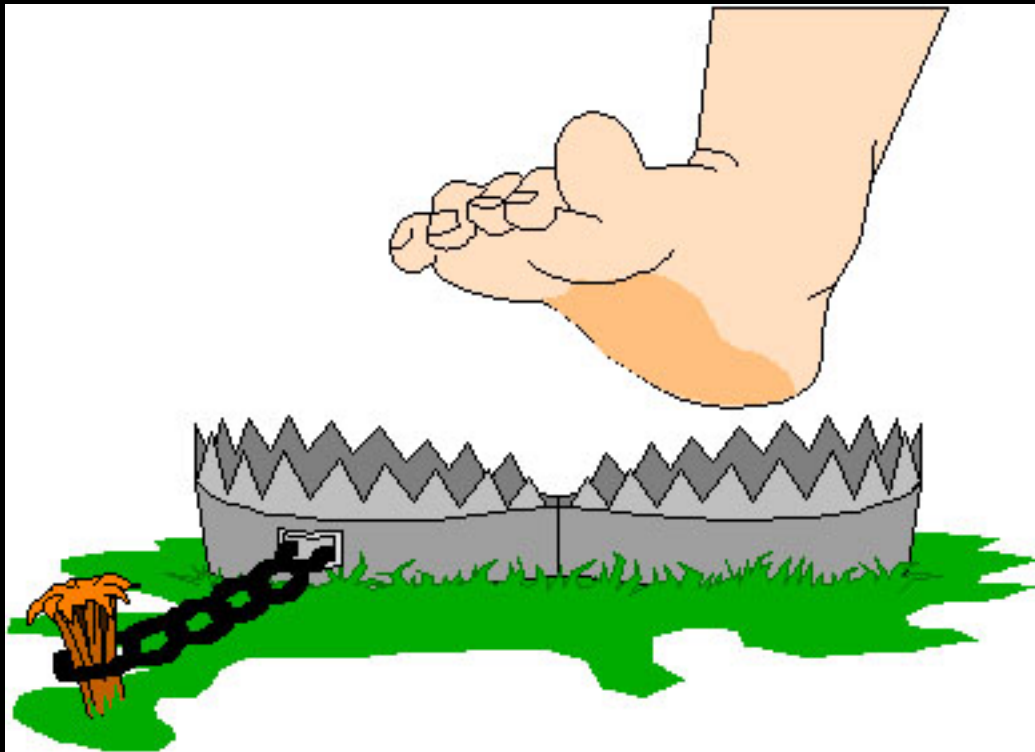
Findings for the profession at SEMC



Key success factors



Pitfalls



Statement

Test is a professional category with several
Test Professions

Thank You!

Toolkit



Sony Ericsson



SOGETI

Preparation

- Start up meeting to get a common view of the vision and goal of the project.
- Workshop to define roles and documents and to map them to SEMC nomenclature
- Clearly defined tasks and responsibilities

Execution

- TPI project duration – 2 month
- Execution of Assessment - 10 days (For the assessors)
- Analysis of 30 documents
- 19 interview – Duration: 1,5 hour/Key interviews two assessors + Persons form SEMC
- 30 min analysis between the interviews

Roles and Documents

Roles

- PSV Test Team Leader
- Application Project manager
- Requirement Coordinator
- APV Test leader
- PSV Test leader
- Cluster Test Coordinator
- APV Test designer/executer
- PSV Test designer/executer
- APV Test Team Leaders
- Head of Test ware
- QA test, responsible for implementing the test process
- FGL (Sub Project. Development Responsible)
- Product SW Project manager

Documents

- Test Strategy
- Application Platform Test Plan
- Application Test team Test Plan
- Product SW Test Plan
- Test cases
- Test scripts
- Defect reports and defect process document
- Application Platform Project plan
- Product SW Project Plan
- Progress reports both during the projects and the evaluation report at the end of the project
- Platform Verification Process descriptions
- Product Verification Process description
- Templates

Do's and Don'ts

Success factors

- Know and trust your partners
- Objectivity
 - Acknowledged model
 - External view
- Commitment
 - From management
 - From the parties taking part in the project
- Preparation
 - Mapping roles and documents
 - Detailed presentation of the assessed organization and project
- Project
 - Set up and execute as a project
 - Full time during the project
- Knowledge about TPI
 - Both parts need to have understanding of the model

Pitfalls

- Not a predefined communication strategy
- Omitted kick off meeting
- No strategy to handle the result of the assessment
- Different expectations of the assessment
- Take the outcome of the assessment personally