Controlling the Chaos of CMMI Continuous

Jan Jaap Cannegieter
Vice-president SYSQA B.V.
Goal of this presentation:

Solving a problem in CMMI

and make a tour through Amsterdam
History of CMM(I)

- 1980’s: Department of Defense
- 1986: process group SEI
- 1989: publication “Managing the Software Process”
- 1991: SW-CMM: staged
- 1995: SE-CMM: continuous
- 2000: CMMI staged and continuous
Essence of CMMI Continuous

- Process Area 1
  - Specific goals
  - Specific practices
- Process Area 2
  - Generic goals
  - Capability levels
  - Generic practices
- Process Area n

Specific goals vs. Generic goals
Specific practices vs. Generic practices
Capability levels
2000 – my first experience with CMM
CMMI staged
Pittsburgh, we have got a problem
THE HITCH-HIKERS GUIDE TO THE GALAXY

DOUGLAS ADAMS

Based on the famous Radio series
Roadmaps
Project roadmap

- Project Planning
- Project Monitoring and Control
- Process and Product Quality Assurance
- Supplier Agreement Management
Product roadmap

- Requirements Development
- Requirements Management
- Configuration Management
- Process and Product Quality Assurance
- Verification
Process roadmap

- Organizational Process Definition
- Organizational Process Focus
- Process and Product Quality Assurance
- Measurement and Analysis
- Causal Analysis and Resolution
Performance roadmap

- Measurement and Analysis
- Causal Analysis and Resolution
- Process and Product Quality Assurance
- Organizational Process Performance
- Organizational Innovation and Deployment
Improvement process

Need for improvement

Analysis current situation

- Project
- Product
- Process
- Performance

Level 2

?
Amsterdam
So much to do
If someone decides for you ...
… this might happen
Pittsburg, prepare for touchdown
Questions?

Thanks for your attention and have a good time in Amsterdam