

# Documentation in IT?

Lost of Time or Strategical Value?

Unnecessary Costs  
due to misunderstandings



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Model Driven approach to:

- Knowledgebase
- Documentation
- Projects
- Business

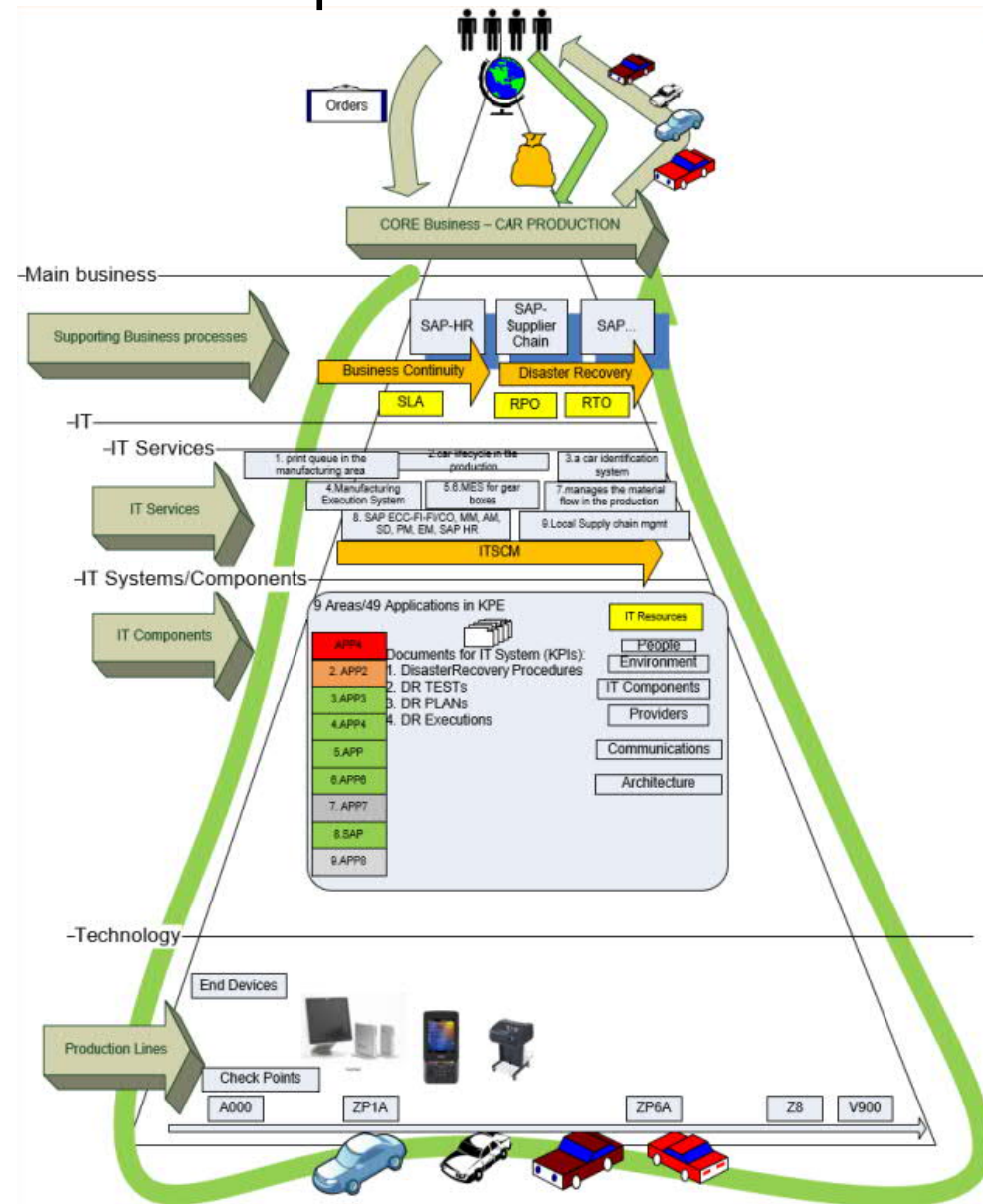
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Actual information is in the model only.**

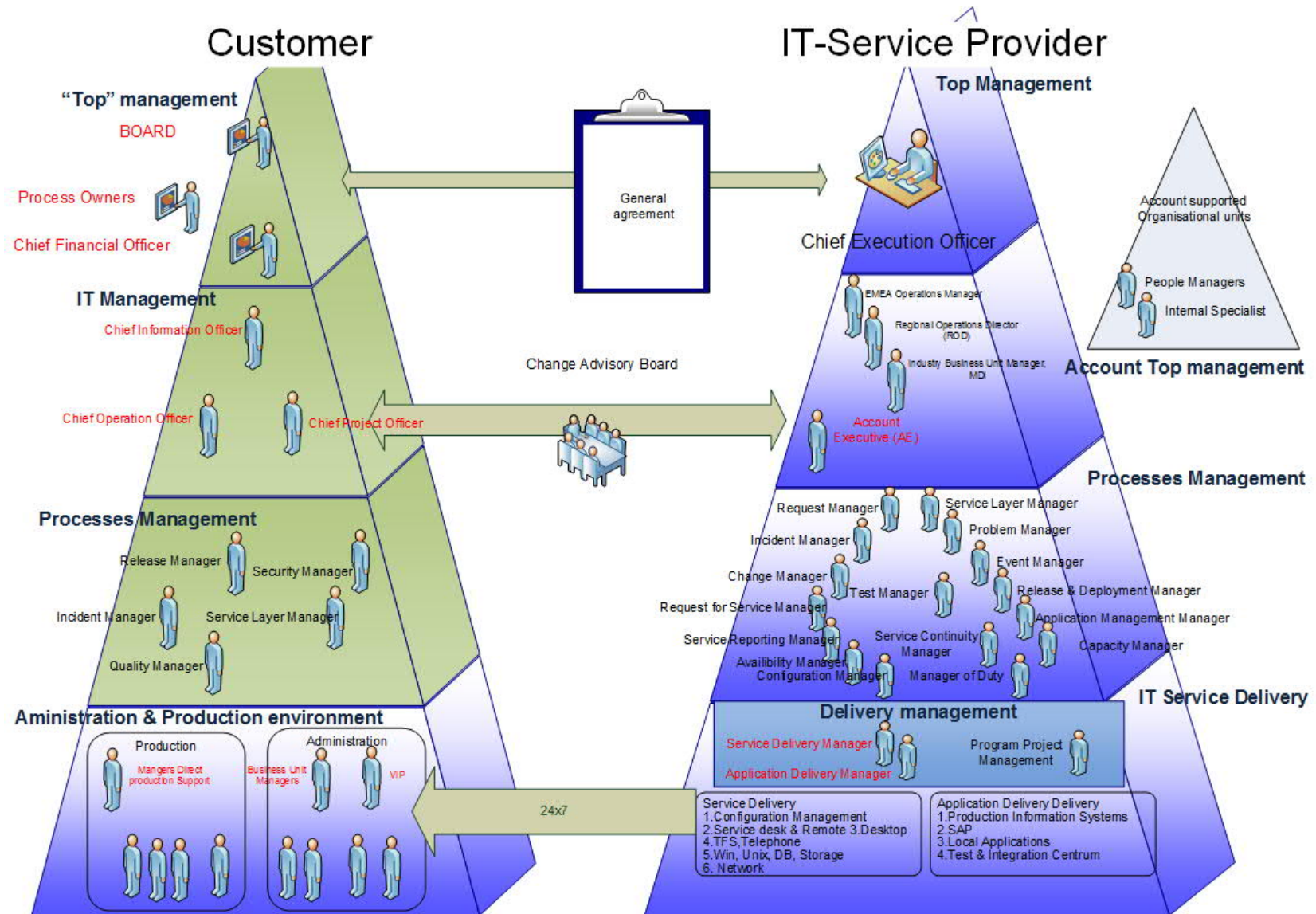
# Life Cycle of IT Services

## Main Goal - Keep green line uninterrupted

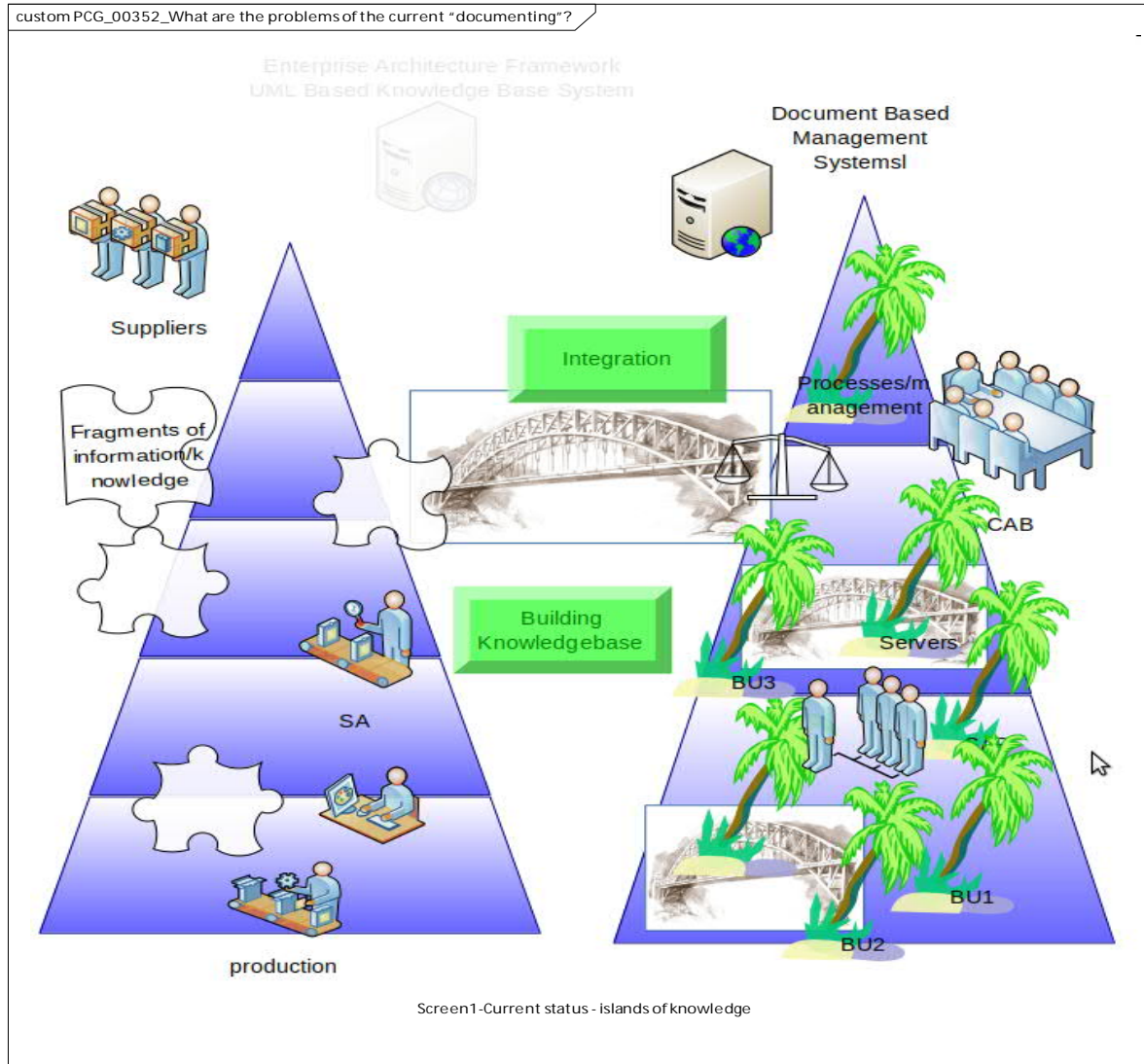
- Preventive action
- Reactive Actions



# To many roles/Individuals-To many sources of misunderstanding



# Islands of Knowledge



# New Approach

- Added values
  - 3R is “**Right Information in Right Time for Right Role**”
  - Actual Information is available/managed online
  - Managed quality of INFORMATION (documentation)
  - Knowledge as shared asset - not hidden only for individuals
- Strategy
  - Recognized Standards
    - processes (TOGAF, ITIL,...)
    - methodology (PRINCE, 7D, APV,...)
  - Tools
    - tools (Archimate, BPMN, UML,...)
- Implementation
  - Metadata based Repository for documentation
  - Artefact-based documentation is – one source of truth
  - Model-driven approach
  - Web collaboration
- Technology
  - Enterprise Architect (SparxSystem)
  - RDBM

# Documentation in IT?

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# Thank YOU

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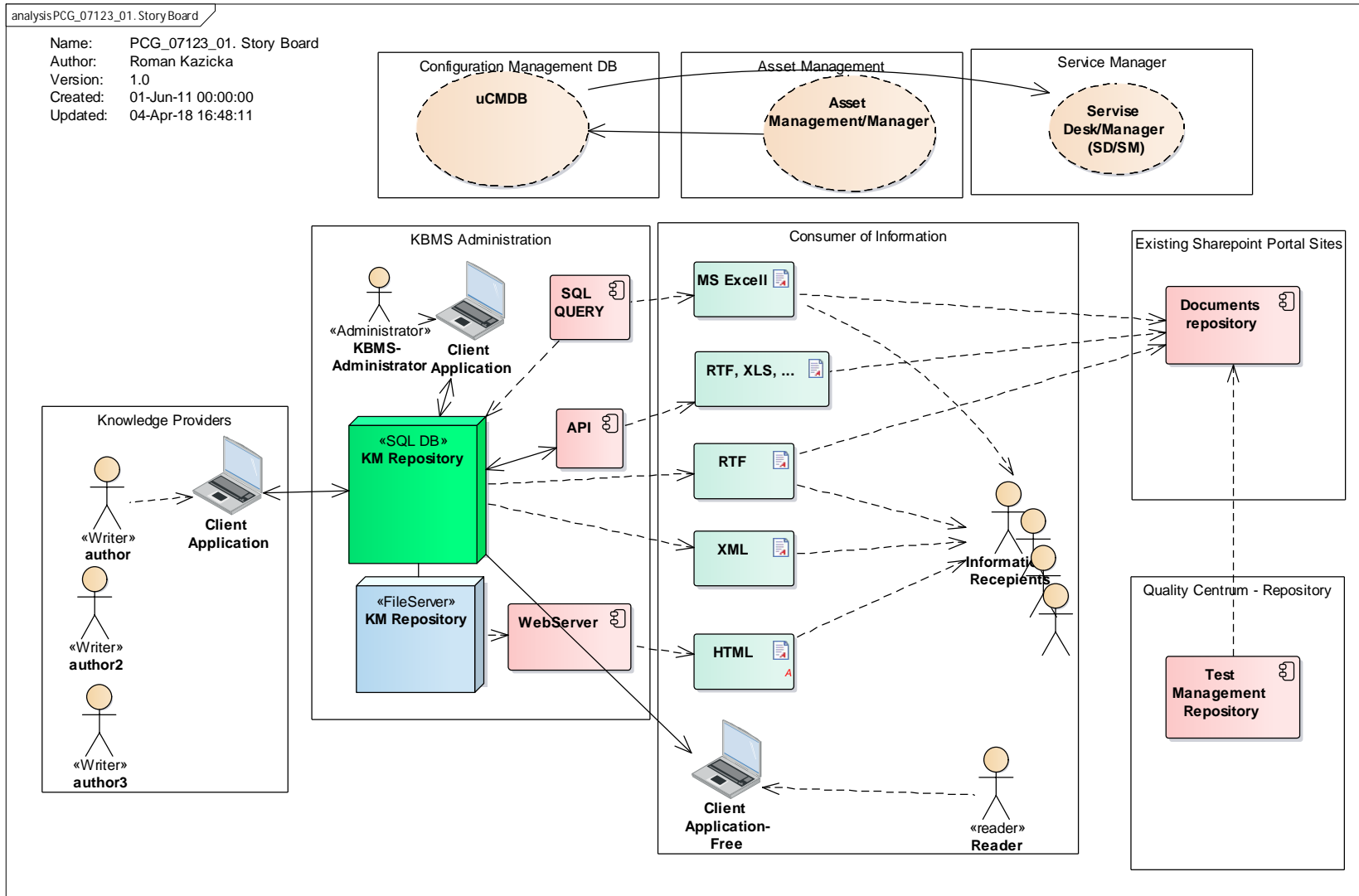
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# Backup Slides



# Repository based cooperation





# Questions

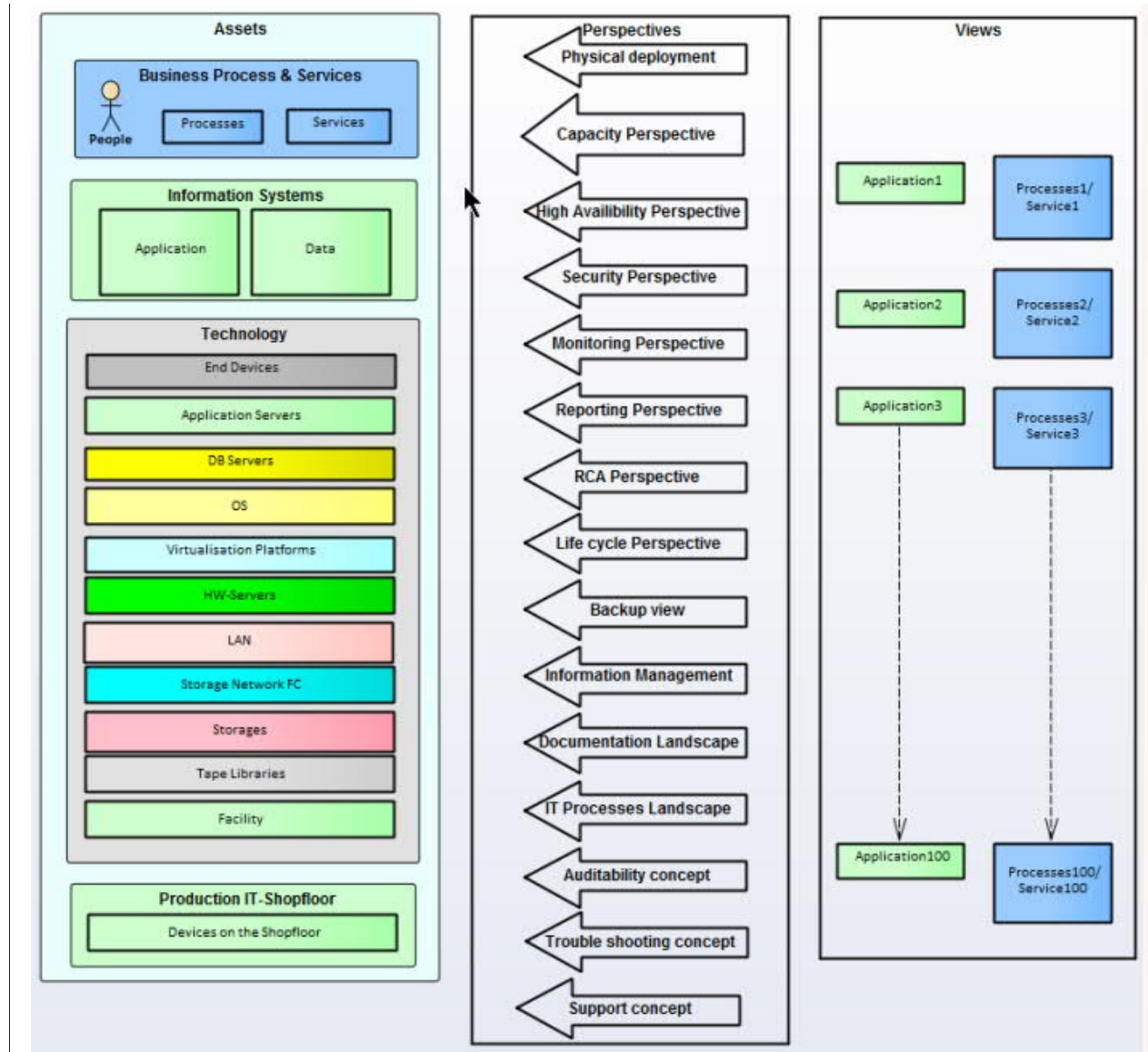


- How can a manager decide without credible information?
- How can we achieve our goals?
- How to deal with a great number of details, risks, intrigues on the journey to reaching the goal?
- How to learn from mistakes from past ?
- How to face constant change in the team?
- How to build metadata-based knowledge systems?

# Documentation/current status

- - primary information carriers are documents in some form or on paper
- - multiple sources of information on the same assets
- - low level of integration, communication between primary sources of information
- - poor or no system for measuring and evaluating the reliability of data sources
- - practical impossibility of keeping up-to-date information on assets in documents
- - inappropriate structure of team members to create technical documentation
- - most creative people are burdened / punished with the least creative work
- - storage of documents in different repositories (Document Management System, CMS, etc.)
- - high fluctuation of key team members
- - low level of knowledge sharing in teams
- - missing ecosystem - infrastructure, methodology, processes, organizational support to simplify communication and share knowledge for key players
- - general IT awareness that the technical documentation is done when the work is done
- - general IT awareness that documentation is done for the customer, if not asked for (does not pay) then it is not prepared

# APV-Assets-Perspectives-Views



# 7D-Seven Disciplines for Successful Solution

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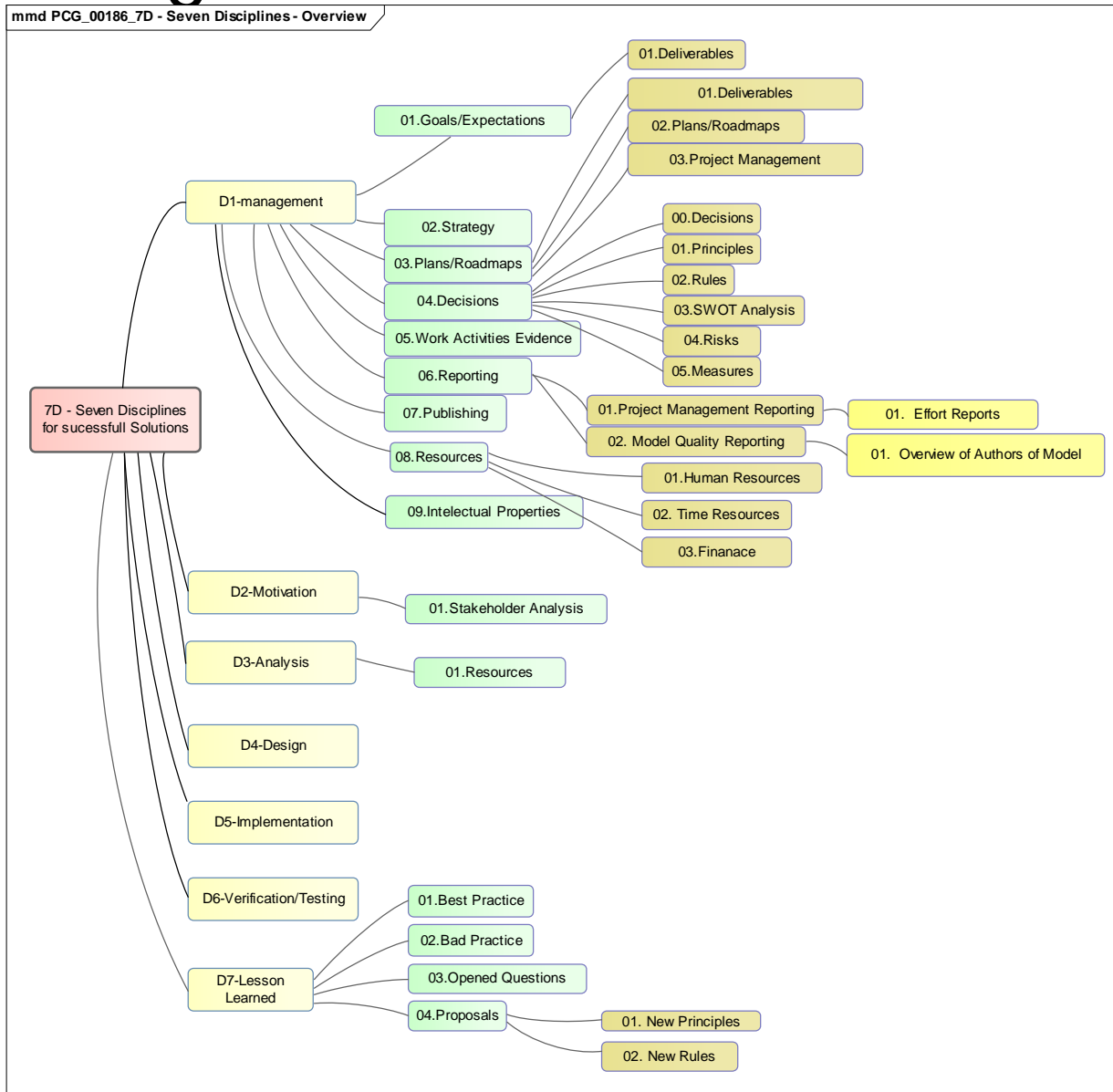
The goal we want to achieve.

- The journey to the goal. In 7D methodology This is our real goal.
- The journey provide us the huge experience to be better in the next projects.
- The first way is full of unforeseen circumstances, our inexperience. If we understand what we can do better, each subsequent path will be faster and easier to manage.

Initial status. We have a intention, we have a goal, maybe we lack experience.

Screen1-Story of Solutions, Goals and Journeys

# 7D-Logical Structure



# APV-Assets-Perspectives-Views

custom PCG\_00344\_What is the APV methodology about?



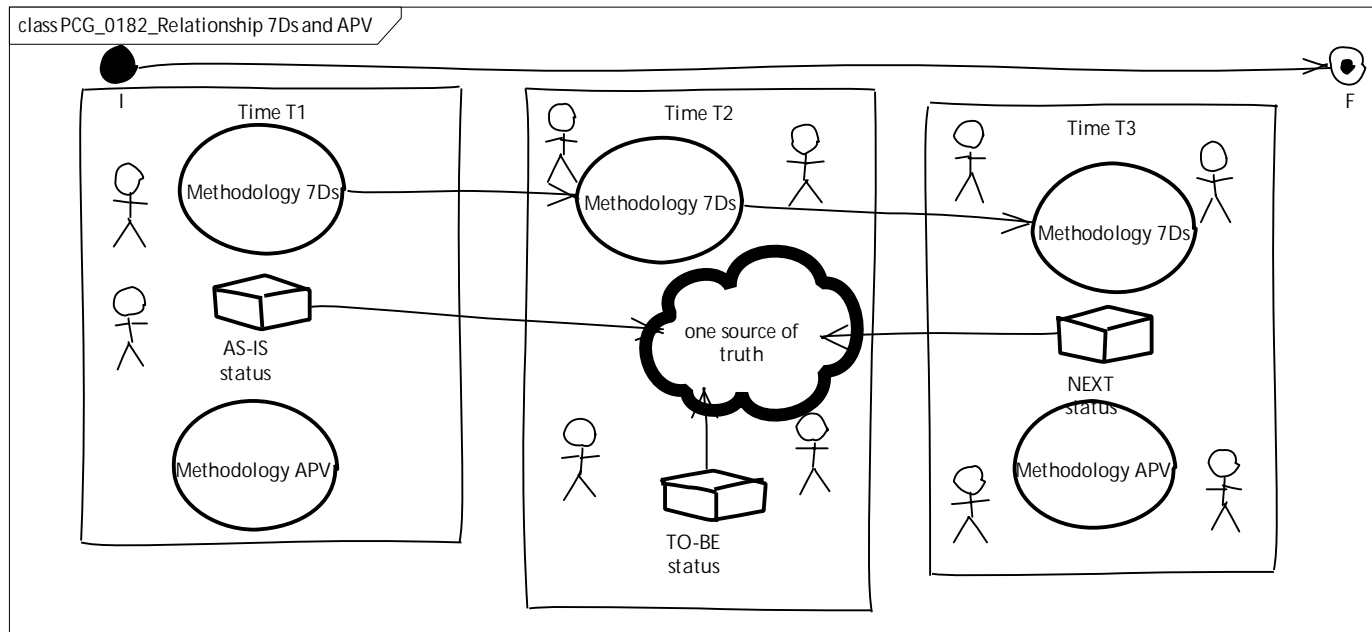
In the APV methodology, we focus on how to describe the outcome.

APV describes static properties of the solution not the path to it.

APV describes the baseline. From it, we want to reach the goal with the 7D methodology.

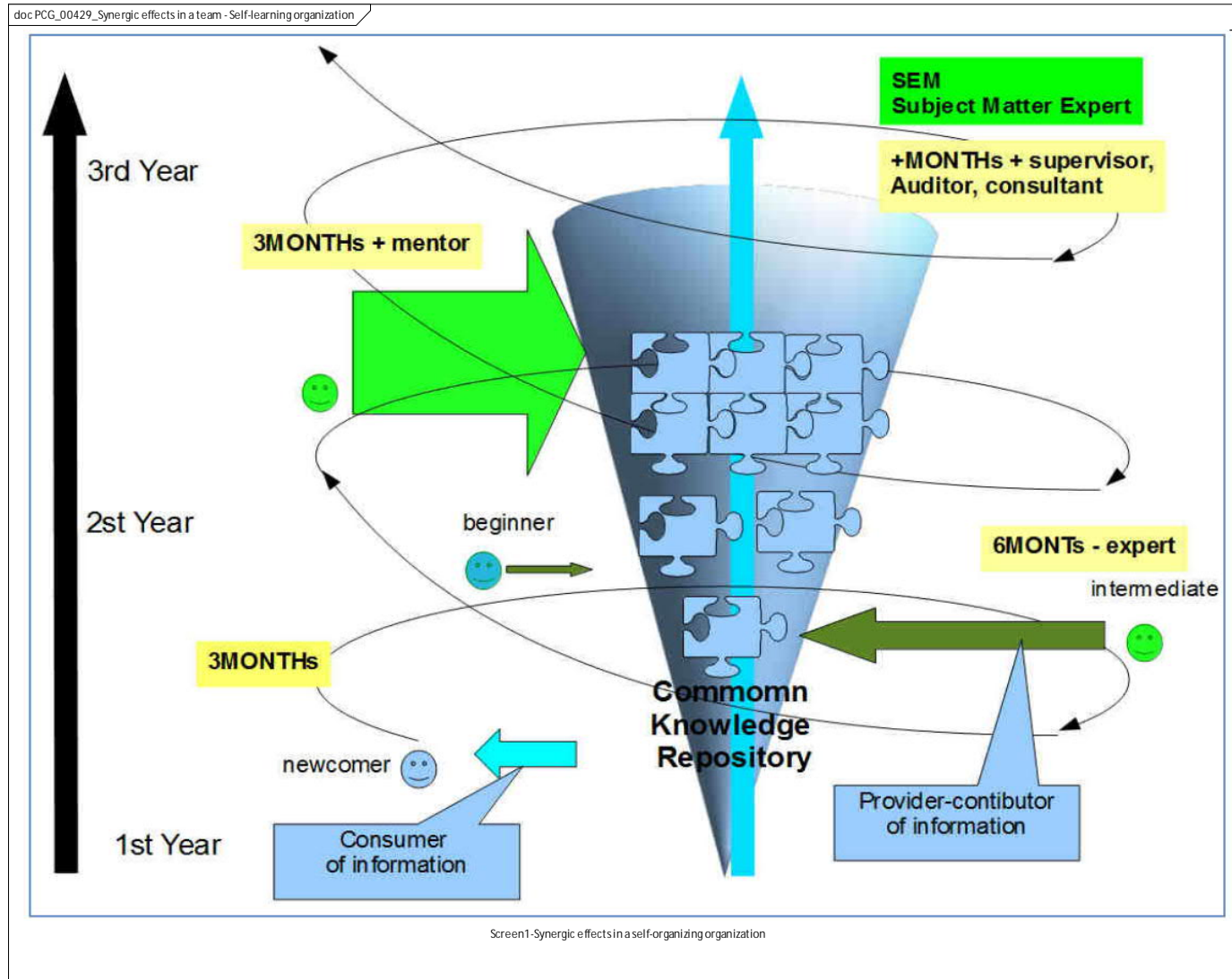
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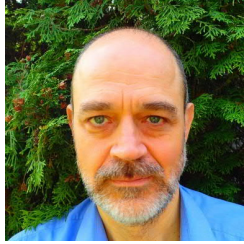
# Relationship between 7D and APV





# Common Repository-Synergy





# Roman Kazicka, PhD

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- Roman is a IT Solution/Enterprise Architect in own company
  - current focus is consultancy, education, book writing, evangelist of system approach in IT. He has written eBook – Documentation in IT? - Lost of time or Strategical Asset? He is author of several original methodologies - '7Ds-Seven Disciplines for successful solutions', 'APV-Assets-Perspectives-Views', 'Q12-12 quadrants for successful business'.
  - All these methodologies are based on personal experiences from many roles in small and big companies, from shopfloor to CTO in Automotive in Cars Production. He has experiences with Computer Based Measurement and Automation, Testing from automation components up to business processes. Last 8 years was active in big Automotive company in several ITIL roles (IT SCM, Capacity, Availability manager), and technical roles (SA, CTO)
  - He is currently lecturing an Object of 'System Thinking and Digital Fabrication' on Faculty of Informatics and Information technology in Bratislava.
  - He participates on projects related to GDPR, IT SM
  - He provides trainings, consultancy in building systems which provide 'Right Information For Right Role at Right Time.
  - Roman close cooperates with makerspace FABLAB SCSTI (Slovak Center of Scientific and Technical Information) where he organizes the workshops for young people of age 14. The workshops are oriented on systematic approach in IoT and seeking solution for people with handicaps (Intelligent glover, making use of EEG, EMG, EMG sensors for helping people with any kind of handicap. He is trying to lead Young people to perceive the surroundings world of minor groups
- "We do not have to be perfect, we can be useful".
- He has started to develop the solutions based on BIOFEEDBACK – EEG, EMG, ECG