



## RISP – Risikofrei zur Produktdienstleistung (Risk free product service development)

**DI Christina Krenn**

Dr. Johannes Fresner, Mikael Henzler,  
DI Jürgen Jantschgi, DI Stefan Melnitzky,  
Prof. Walter Stahel, DI Robert Wimmer

## Hypothesis of RISP

Problems during the development of product service systems can be avoided, if

- a systematic and planned innovation process is followed
- risks because of definition of the client, definition of the service offered, financing, lack of resources and the legal situation are identified well in advance



# The approach of RISP



- Definition of a stage gate process for the development of product services
- Failure mode and effect analysis to define questions at the gates
- Development of forms and checklists for the stages
- Application



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# Stage gate innovation process ®



Defined by Prof. Robert Cooper:



Go/No Go Decisions at the gates



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## Stages in RISP

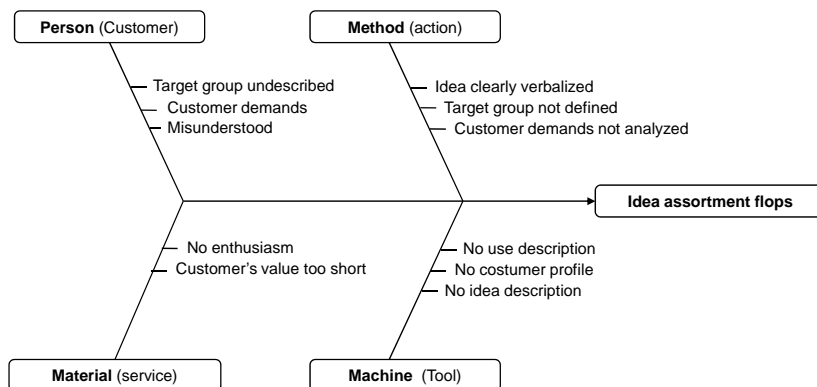


Stage No.	Description of stage
1	Idea generation
2	Identification of the scope
3	Definition of the frame
4	Development of the service
5	Test of the service
6	Market introduction
7	Review



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## Failure mode and effect analysis



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## Applications:



### Development of models for product services:

- Waste water treatment by evaporation by a third party, water cleaned for recycling, payed per cubic meter treated
- Development of a regional Cleaner Production Consulting model for Korea (Eco Innovation Korea) based on the ECOPROFIT model



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## Applications:



- Development of an innovation training course (combining training, collection of practical experience, and actual problem solving inside the company)
- Development of clearing out as a service (especially for confidential jobs, like company offices, etc.)



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## Summary



- RISP works
- RISP provides a reliable, fast, efficient process to product service development
- The model is best applied in workshops
- All developed product services are operational, established, and make money
- Report is available from

<http://www.nachhaltigwirtschaften.at/results.html/id4362>

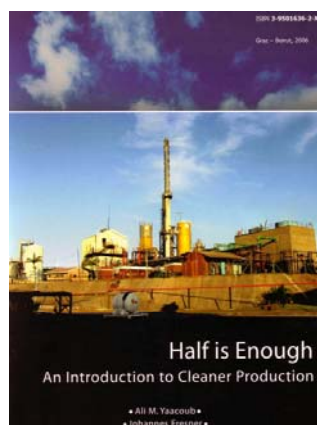


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## Books, Software, Tips from STENUM



- Half is enough:  
An Introduction to  
Cleaner Production  
ISBN 3-9501636-2-x, 2006
- PREPARE Toolkit:  
[www.prepare.at](http://www.prepare.at)
- SankeyEditor 3.0:  
[www.sankeyeditor.net](http://www.sankeyeditor.net)
- 100 energy saving tips:  
[www.stenum.at](http://www.stenum.at)



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**Thank you for your attention!**

**STENUM GmbH  
Geidorfgürtel 21  
A-8010 Graz  
[www.stenum.at](http://www.stenum.at)**

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