

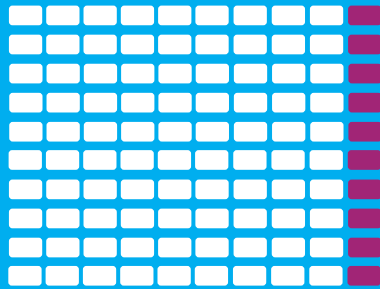
Value of Failure

Students Course

Module 5: How to detect failure

Tutors Workbook

Did you know that...



...in some sectors up to
90 % of new businesses fail
in the first 5 years?

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Module 5: How to detect failure

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Did you know that...



...the **value of failure** makes re-starters grow faster and stronger than first-timers?

I Working with this Workbook

Learning without additional working materials does seldom lead to learning success. The Value of Failure Project therefore designed additional workbooks for tutors as well as for learners to support a fast and productive learning environment. Those workbooks follow the structure of the value of failure learning courses and give additional information and content.

The workbooks for each of the modules should be seen as a helping hand for tutors. They provide help, tasks and additional information. Please feel free to add or skip content to your individual needs.

To give tutors enough room to design the course to their individual needs, and to allow individual examples, exercises or regional adoption, only basic statements, important definitions, generic examples, graphics and examples are presented. The workbooks help to structure the learning content and also help to give an overview about the whole course. They do not cover the whole topic and should not be the only source for tests or exams.

The workbooks are based on the value of failure e-learning concept and are designed to be enriched by individual materials. This concept has been developed to work in different countries across Europe. Regional adoption needs to be prepared by the individual tutors. Free pages give enough room for your individual notes and for individual content such as examples, additional links, videos etc.

We also recommend to use and include the additional literature and online resources provided at the end of each section of this workbook.

Following resources are provided on the project website:

- Tutors Workbooks
- Learners Workbooks
- Presentations

To enrich the learning experience we are looking forward to your feedback:

 www.valueoffailure.com

Legend

Presentation 

Workbook 


Example 

Remember 

Digression 

Law 

Learned 

Checklist 

Link 

Video 

Did you know that...



...only about **8 %** of failed entrepreneurs start over again?

II About the Project

Value of Failure is a European Union funded grass roots initiative to support a better framework for so called failed or second chance entrepreneurs. The idea is to implement a new positive approach to failure in general and to business failure in specific. The project is funded by the European Union within the Erasmus+ framework.

The approach of the project is to address this important topic from two different sides:

1. **Regional alliances** involve all important stakeholders to set up more a failing- friendly environment and funding framework. The project develops a tool-kit for other regions to develop franchises of the alliances on their own.

2. A set of **learning resources** addressing students as well as failed entrepreneurs are set up to implement a seed for a new thinking about failure and providing in depth knowledge about failure and how to cope with it.

All materials produced are open source and can be used by anyone according to the rules provided in the disclaimer at the end of this publication.

More information about the project, the e-learning courses and the regional alliances can be found on the project website

↩ www.valueoffailure.com

The project is developed, designed and implemented by an experienced international consortium of universities, business development agencies, consulting companies and SMEs (small and medium sized enterprises) coming from Germany, Northern Ireland and Poland:

1. University of Szczecin, Poland (Project Leader)

The University of Szczecin (US) is the most powerful organisation in the West Pomeranian region. Presently over 30.000 students are following full-time, evening & part-time studies in 27 subject areas at 13 faculties. One of the most important objectives of the University is education of students and their preparation for entering labour markets. International cooperation com-

prises an extremely important aspect of US's activity. The top priorities are joint research and student & staff mobility programs.

↩ www.english.usz.edu.pl

2. Canice Consulting, Northern Ireland

Canice Consulting is a small yet established private company based in Northern Ireland which operates in the fields of local and regional development, enterprise education and management and technical support to EU networks and programmes.

Canice Consulting provides a broad range of modern learning services to predominantly the EU market place. Services include training solutions, e-learning content creation, learning technologies and learning strategy design and consulting. Learning technologies include learning portals, learning management systems, content development systems, performance support tools, virtual classroom tools and more.

↩ www.caniceconsulting.com

3. Creo Mind S.C., Poland

CREO MIND (CM) is a civil partnership established from two sole traders: Wojciech Brażuk and Prestige Brand Mariusz Woźniak. The company has wide experience in consulting services in the area of marketing, business development, strategic management and skills development. The owners of CREO MIND have been closely collaborating with the Northern Chamber of Commerce, providing their services for the largest regional chamber of commerce in Poland. Therefore CREO MIND has a strong potential in networking of entrepreneurs and in building relations among various stakeholders of regional market. CREO MIND has elaborated number of analysis and expertise on business and markets. CREO MIND is also recognized on the regional market from elaborating and realizing creative and innovative marketing campaigns and events.

↩ www.websitecreomind.com

Did you know that...



...31% of projects fail?

4. Enterprise Northern Ireland, Northern Ireland

Enterprise Northern Ireland was established in 2000 to represent the network of Local Enterprise Agencies in Northern Ireland, and is the only membership body in Northern Ireland for organisations providing enterprise support. Enterprise Northern Ireland holds national contracts with various public sector organisations which it delivers primarily through its member agencies. These contracts include the Regional Start Initiative; Social Entrepreneurship, Exploring Enterprise, Tradelinks programme and Business Bootcamp. All of these programmes are further supported by access to finance through the ENI Loan Fund and the Northern Ireland Small Business Loan Fund.

As the only membership body in Northern Ireland for organisations providing enterprise support, Enterprise Northern Ireland is at the heart of a dynamic, high profile network. Enterprise Northern Ireland also represents the interests of the wider small business sector through policy and business development, research and quality assurance, and has a strong lobbying and campaigning remit.

↻ www.enterpriseni.com

5. The visionworks, Germany

The Visionworks is a small company specialized on consulting, coaching, marketing and project management especially for (micro) SMEs and Start-ups. For its clients the visionworks develops investor ready business plans and financing concepts and accompanies founders until the closing of financing. The visionworks has international contacts to public and private investors and has also worked extensively with all relevant regional stakeholders and institutions which are relevant for the regional Second Chance Entrepreneurs Alliance. Despite that the visionworks has great experience in developing learning courses and learning environments for adult education as well as for students.

↻ www.thevisionworks.de

Did you know that...



...88% of projects
are past the deadline?

III About this Course

Course Audience

The Value of Failure course was designed for adult learners, including high-school teachers, graduates, undergraduates and the interested public. For teachers and tutors, the course will look at advances in psychological knowledge about failure, which helps them to integrate this important topic into their teaching. For adult learners, it will help them to appreciate the positive effects of failure and their potential impact on their everyday life. The goal of the course is to make the existing positive effects of failure accessible to everybody.

The materials are designed for various uses. The course can be used as a whole curriculum or parts of it might be integrated to supplement other courses. All materials are provided as open source and each section of this course offers a variety of additional online materials such as videos or websites about the topic.

As some of the learners might want to learn the content (or just parts of it) individually, all modules and additional learning resources are provided online as well.

Teachers and tutors can also use the course on their own for professional development. Information about how the materials are used are provided in the beginning of each tutors workbook and online for each module.

The course can be used in a classroom environment as well as a self-contained distance learning course. Distributed free of charge on the Value of Failure project website.

↶ www.valueoffailure.com

Course Components

The syllabus of the Value of Failure course is divided into seven different units called modules. Each of them focussing on different aspects of failure.

Module 1: Basics of failure

Module 2: What is Failure

Module 3: Causes of Failure

Module 4: Preventing Failure

Module 5: How to detect Failure

Module 6: Cooping with Failure

Module 7: Learning from Failure

Although the Value of Failure course is designed as a curriculum, each module can be used as a stand-alone session. Therefore each module starts with a basic introduction about the topic which can be skipped if you use more than one module or the whole course. You do not need to use the materials in any particular order. If you want to concentrate on a specific topic you can jump in at your point of interest - although using the whole course is suggested.

This Value of Failure Students Course is accompanied by an extra course on **Business Failure**. You might want to choose to use the Business Failure Course as an **extra module** at the end of your course.

Did you know that...



...the average cost overrun
of projects is **189%**?

IV About this Module

Module 5: How to detect failure

Introduction

In the last modules we learned a lot about failure in general, how we attribute success and failure and how project management helps to prevent failure by planning in the first place.

But in fact, not all failures can be prevented by planning in the forehand. We cannot plan every possible circumstance - even if we try. Therefore it is important to try to realize upcoming hazards and failure as soon as possible.

In this module we will explore different methods to identify and track risks and their development over time. This is important to not get surprised by hazards unprepared.

Structure and learning objectives of the module:

1. Risk assessment

The students will learn how to summarize and categorize different possible risks using a risk matrix.

2. Methods of hazard identification

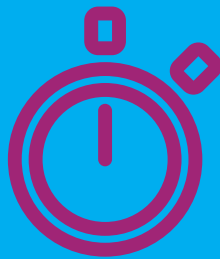
The students will practice different methods of hazard identification such as HAZOP analysis, index-based methods, or fault tree analysis.

Additional information available on our website and our Pearltrees-Account:

↶ www.valueoffailure.com

↶ www.pearltrees.com/thevalueoffailure/

Did you know that...



...the average time overrun of projects is **222%**?

Task

Module 5: How to detect failure 5.1 Preparation



What you need to prepare:

Total time needed for the course:

Presentations and workbook 70-110 min.

5.2 Introduction

Method: Open Speech

Time: 2-5 Minutes

Activity 5.1 (Optional)

Recalling the learning outcomes of Module 4

Method: Open Discussion

Time: 2-5 Minutes



Activity 5.2

Opening Discussion with the class

Method: Open Discussion

Time: 2-5 Minutes

Method



Presentation Module 5 (Beamer needed)



Learners Workbooks Module 5

Introduce yourself and the learning opportunities in this module to the class. Explain that in this module the learners will learn about risk assessment and hazard identification methods such as HAZOP Analysis, index based methods, and fault tree analysis.

If you don't know the class (and if the class is small enough) - let the learners introduce themselves.

If you are following the Value of Failure Course Structure and already presented module 4, recall the learning outcomes from the section. Ask the learners to tell in own words what they have learned from the previous session

Analysing risks and tracking them over time is very important to succeed in complex tasks. Discuss with the learners how they assess risks so far.

Did you know that...



...that James Dyson created
5,126 failed prototypes of his
vacuum cleaner before succeeding?

Activity 5.3

Risk assessment

Method: Presentation section 1
Time: 10-15 Minutes



Present chapter 1 of the presentation.

Activity 5.4

Risk assessment

Method: Workbook (Task 5.1)
Discussion
Time: 20-30 Minutes



Let the learners analyse the risks of a specific task they are individually facing.

Let selected learners present their risk assessment to the class and discuss how and why they are approaching the individual risks.

Activity 5.5

Methods of hazard identification

Method: Presentation section 2
Time: 10-15 Minutes



Present section 2 of the presentation

Activity 5.4

Fault tree analysis

Method: Workbook (Task 5.2)
Discussion
Time: 20-30 Minutes



Let the learners execute a fault tree analysis. Each learner should identify three top events and develop a respective fault tree.

Let selected learners explain their fault tree and discuss with the class about the developed fault tree.

Activity 5.7

End of the session

Method: Presentation
Time: 5 Minutes



Present the “Learned” section of the presentation and summarize the discussion you had with the group.

Set dates for the next lecture (if you have more than this one) and announce the topic it will be about.

Did you know that...



...that Steven Spielberg was
rejected by University of Southern
California **3 times** before he decided
to become a director?

V Disclaimer

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Erasmus+



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