

Career Management and Entrepreneurship

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InnoEXC GmbH



This project has received funding from the European Union's Horizon 2020 Science with and for Society programme under grant agreement no. 872483



Short intro

15 YEARS RESEARCH EXPERIENCE

- MSc Chemistry, PhD Physics
- Assistant Professor at University of Sassari
- Author of 52 papers
- Invited speaker to international conferences
- Mentor of more than 30 students

8 YEARS MANAGEMENT EXPERIENCE

- Masters of Business Administration
- Executive Coordinator of Initiative for Science in Europe
- Managing director of a company
- Vice Chair and Board Member of an international not for profit organisation

6 YEARS START-UP EXPERIENCE

- Tech transfer @ Uni Vienna
- Start-up founder
- Mentor at EIC and EIT
- Innovation consultant
- Advisor of 100+ start-ups





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Short intro



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UNIVERSITÄT
HEIDELBERG
ZUKUNFT
SEIT 1386



Empa

Materials Science and Technology



TECHNISCHE
UNIVERSITÄT
MÜNCHEN



IMPRS
From Biological Structures
to Neural Circuits

EMBL



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Motivation

Automated Manufacturing



Big Data



Artificial Intelligence



Self-driving car



Automated assessment



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Motivation

and it's only about technology...



Climate change



Ageing population



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Motivation

Change is picking up quickly...



...but humanity struggles to keep up!



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Motivation

KEEP LEARNING & DEVELOP UNIQUE HUMAN SKILLS



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Motivation



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Building blocks

COMPETENCE: a set of knowledge, skills and attitudes

VALUE CREATION: outcome of human activity to transform purposeful ideas into action which generates value for someone

BEING ENTERPRISING: looking at things from a slightly different perspective based on the concept of value creation, and acting accordingly



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Course concept

While entrepreneurship constitutes a potential career avenue, this is not the only option; on the other hand, entrepreneurial competences are also important to develop one's career in many work environments, including academia. We exploit this feature to intertwine the two contents together.

1.
ONLINE RESOURCES

2.
TRAINING SESSIONS

3.
INTERNSHIPS





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1 - online resources

Marco Masia: the Entrepreneurial Competences framework and why it is important for your future CM&E - 40 min

UNL: Prof. Amaro de Matos - Vice-Rector responsible for International Development at

NOVA - talk about his career development experience CM - 10 min

UNL: Prof. Isabel Rocha, Pro-Rector responsible for Value Creation at NOVA - talk about startups, incubation and entrepreneurship among researchers E - 10 min

UNL: testimonial 1 from entrepreneurs from NOVA E - 5 min

UNL: testimonial 2 from entrepreneurs from NOVA E - 5 min

TAU: Mariska Roelofs-Poelman: CM - 10 min

UiT: High North Academy - year 2 CM&E



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1 - online resources

JRC - ENTRE COMP

TED TALKS

BOOKS

EU Patent Office

Other online videos

MOOCS



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2- training sessions

GROUP EXERCISES AND FACILITATED ACTIVITIES

INTRO TO VALUE CREATION

STORYTELLING

INTRO TO BUSINESS MODEL YOU

COMMUNICATION AND PERSUASION

CREATIVITY

YOUR UNIQUE VALUE PROPOSITION

INTRO TO BUSINESS MODEL CANVAS

LEAN ENTREPRENEURSHIP

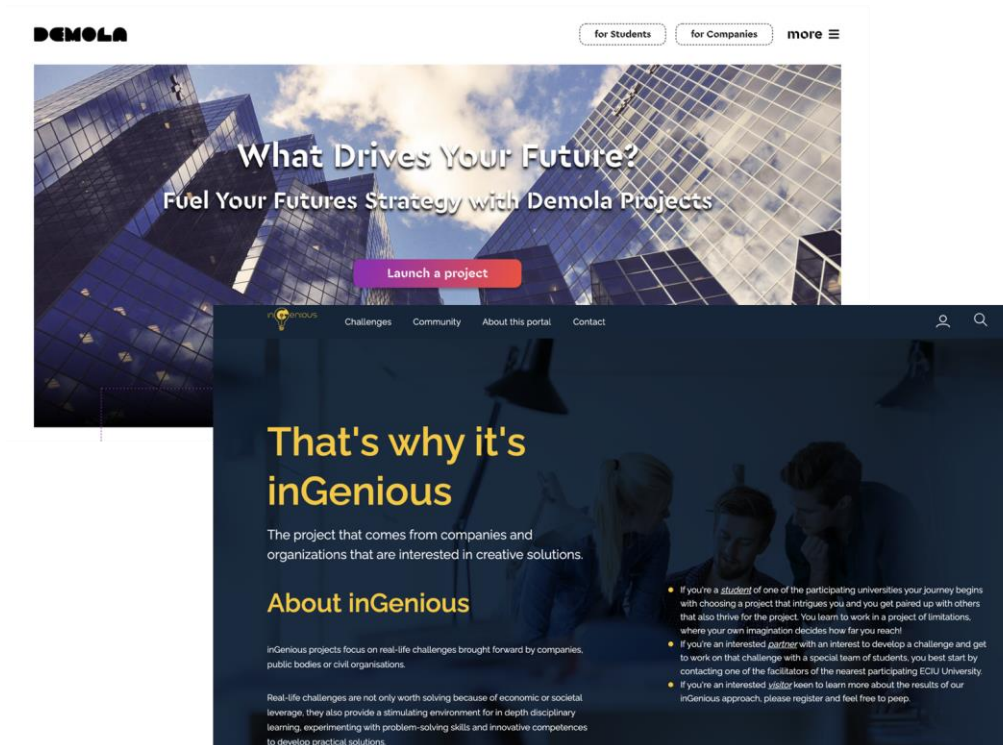




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3- internships

ONLINE OPPORTUNITIES



Hackathons

Challenges



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3- internships

LOCAL OPPORTUNITIES



We work to increase the number of students in Norway and around the world with entrepreneurial skills and the mindset to become change agents for the better.

Seminars

Company visits



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Policy insights

Limited options for PhD students

Regulation framework for
internships

Fund options for bidirectional
knowledge exchange

Enable external consulting
activities



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What we learned

Overall course satisfaction from high to very high

Short courses do not allow to go deep

Universities might not have both expertises in-house

Most PhD candidates want to learn more about CM



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