

Recap on the Turin UZDOC 2.0. Knowledge-sharing Event @ Politecnico di Torino 14th-15th May 2018



Co-funded by the
Erasmus+ Programme
of the European Union



ScuDo
Scuola di Dottorato - Doctoral School
WHAT YOU ARE, TAKES YOU FAR



Claudia Giordano - International Relations
@ Doctoral School - Politecnico di Torino

Common Challenges

- Increase the **collaboration** University-enterprises during the PhD
- Set a **common ground** for the collaboration with the enterprises
- Open the **career perspectives** of PhD holders into the private sector
- Provide a **proper training** during the Phd to provide PhD holders with the necessary skills for working in the private sector

Structure and Main Topics of the Knowledge Sharing Event

- 1) Collaboration with Companies during the PhD Career
- 2) PhDs Working in Companies
- 3) The Training of PhD Candidates Towards the Private Sector
- 4) Technology Transfer System @PoliTo



Co-funded by the
Erasmus+ Programme
of the European Union



ScuDo
Scuola di Dottorato - Doctoral School
WHAT YOU ARE, TAKES YOU FAR



1) Collaboration with Companies during the PhD Career – Case Studies from Politecnico di Torino

- **Case studies** and **different perspectives** from PhD candidates, academic and non-academic supervisors
- Reasons for choosing this program: **collaboration** with non-academic partners and **benefits** offered by this experience, if compared to an «ordinary» PhD program

And the Winners Are...



Key takeaways part I – Collaboration with Companies during the PhD Career

- Importance of the **collaboration with enterprises** during the PhD
- **Economic support** of the enterprises for financing a PhD scholarship
- Research carried out on a **specific research theme** under a **joint supervision** (one academic tutor and one industrial tutor)
- Concrete **testimonials** to make partners understand the added value
- Tools used by PoliTo as food for thought for **developing Uzbek path** according to the specific national context



Co-funded by the
Erasmus+ Programme
of the European Union



ScuDo
Scuola di Dottorato - Doctoral School
WHAT YOU ARE, TAKES YOU FAR



2) PhDs Working in Companies

- Testimonials from different entrepreneurs: **four case studies** from former PhD holders who developed their entrepreneurial ideas
- Knowledge and information on the collaboration between PoliTo and the enterprises and on the career opportunities in the private sector for PoliTo PhD candidates



Co-funded by the
Erasmus+ Programme
of the European Union



ScuDo
Scuola di Dottorato - Doctoral School
WHAT YOU ARE, TAKES YOU FAR



Key takeaways part II – PhDs Working in Companies

Presentation of educational and professional experiences, in particular

- Extra value added by the PhD course to one's **professional growth**
- Extra value in comparison to other colleagues and collaborators who do not hold a PhD
- Issues and skills that were lacking during the PhD course and that could be therefore added in the future
- Why did the candidate choose to begin a career in the **private sector**?
- Why did the candidate choose to continue his/her career by **founding a spin-off**?
- Are there collaborations between the PhD holder's company and Politecnico at the moment?
(former PhD candidates, former Politecnico students who are working with the company)



Co-funded by the
Erasmus+ Programme
of the European Union



ScuDo
Scuola di Dottorato - Doctoral School
WHAT YOU ARE, TAKES YOU FAR



3) The Training of PhD Candidates Towards the Private Sector

❖ **Hard Skills:** Knowledge and skills linked to one's profession



- ❖ **Soft Skills:** Crucial expertise that leads to:
- The **discovery** and the **analysis** of problems (diagnosing/identifying);
 - A **collaborative relationship** with the others;
 - **Innovation** (tackling);

I.e. Those behaviours that make a difference when it comes to express an efficient performance in real working contexts (Cortese, Fantini e Verano, 2015)



Goals:

- **Evaluation and monitoring** of the educational project on Soft Skills, offered by SCUDO
- **Analysis of the educational needs** of the PhD candidates of Politecnico di Torino

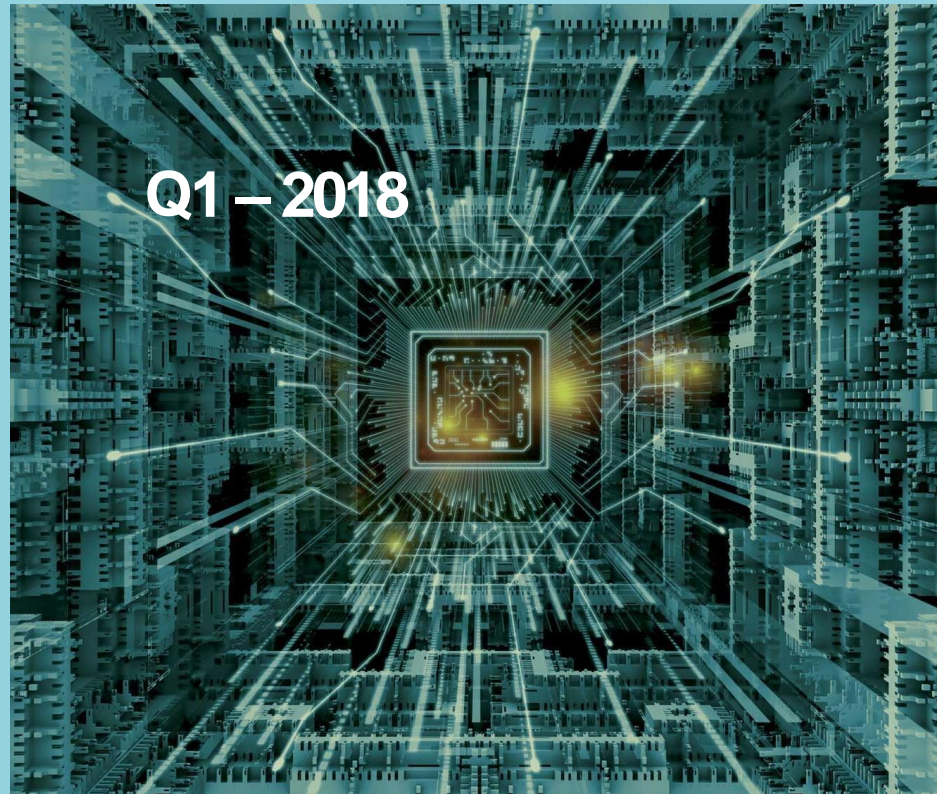


Key takeaways – part III

The Training of PhD Candidates Towards the Private Sector

- Experiencing the challenges of **transferring the outputs of scientific research** from University labs to the world
- Understanding the **key economic aspects of research**, innovation and technology transfer in a systemic approach
- Learning and apply tools for the assessment of a **business opportunity** or a start-up starting from research results or from a specific patent
- Learning **IPR management practises** and the strategies for the protection of the value of innovation

4) Technology Transfer @ PoliTo



Co-funded by the
Erasmus+ Programme
of the European Union



ScuDo
Scuola di Dottorato - Doctoral School
WHAT YOU ARE, TAKES YOU FAR



Technology Transfer @PoliTo – Industrial Collaborations

Two macro areas of collaboration between the Politecnico di Torino and the companies, which can be defined as:

Collaborations in the field of didactics and training

Collaborations and consultations for technology transfer, research and innovation



Co-funded by the
Erasmus+ Programme
of the European Union



ScuDo
Scuola di Dottorato – Doctoral School
WHAT YOU ARE, TAKES YOU FAR



Key takeaways part IV - Technology Transfer

**Build your own strategy adapted to the Uzbek context for your
collaboration with enterprises**

**The round tables planned afterwards
will give some hints and food for thought**



Co-funded by the
Erasmus+ Programme
of the European Union



ScuDo
Scuola di Dottorato - Doctoral School
WHAT YOU ARE, TAKES YOU FAR

