

Career Development Module for Researchers

EURAXIND Employer Workshop
Madrid, 17 October 2017



Career Development Module

DEFINITION:

- It will be designed for use by individual researchers (also for Career Development Centres)
- Free access (EURAXESS portal)
- Exploring opportunities for intersectoral mobility
- Exploring how well their skills set matches the requirements of business employers
- Occupations in different employment sectors
- Tips on how to best present themselves to employers.

Career Development Module

EURAXIND Career Development Module for Researchers



Introductory text on landing page explaining why researchers need to be intersectorally mobile.

- 1 Working Outside of Academia
- 2 Career Stories
- 3 Facts and Figures
- 4 Self Reflection
- 5 How to Guides - Finding Opportunities
- 6 How to Guides - Getting the Job
- 7 Other useful websites

1. Working Outside of Academia



A How satisfied are researchers working outside of academia?

Based on surveys satisfactions rates, What do researchers do next?

B What competencies are most important to employers?

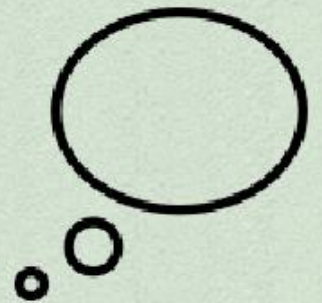
Comparison competencies drawn from EURAXIND surveys

C What are the barriers to working outside of academia?

List and acknowledgement of perceived barriers

2 Career Stories

A collection of 40 career stories describing how different individuals from across Europe working in different sectors have successfully transitioned out of academia and the advice they would give.



3 Facts and Figures

Labour Market Information for researchers by sector and competencies

A Agriculture and Forestry

B Consultancy

C Finance

D Information Technology

E Life Sciences and Pharmaceuticals

There will be 15 sectors covered in total.



Career Development Module- LMI

The idea:

Enable the researchers to widen their career paths and have knowledge on career opportunities outside the academia.

What?

15 Labour Market information briefings to be published on EURAXESS portal and will be intended to researchers about relevant sectors, such as:

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- IT sector
 - life science and pharmaceutical sector
 - charity sector
 - energy and mining sector
 - manufacturing sector
 - health and public sector
 - legal sector
 - consultancy sector
 - public Administration Sector
 - publishing and media sector
 - finance sector
 - transport, storage, and communications sector
 - agriculture and forestry sector
-

Career Development Module- LMI Structure

1. Summary on the sector

- Introducing the sector: size, branches, expertise

2. The European situation on the sector at a glance

- Key figures and facts on the sector in Europe
- Summaries on notable countries in the field

3. Employment in the European sector (with specific information on the relevant countries)

- Notable enterprises in the field (global and local)
- Work conditions
- Average working hours
- Average Salary
- Other relevant information

4. Getting a research job in the European sector

- What are the relevant positions for researchers in the field?
- Which fields of research are relevant to the sector?
- The most relevant skills required for positions in the sector

5. Overview

6. Other useful sources of information and links



LABOUR MARKET INFORMATION: THE IT SECTOR



THE IT SECTOR IN EUROPE

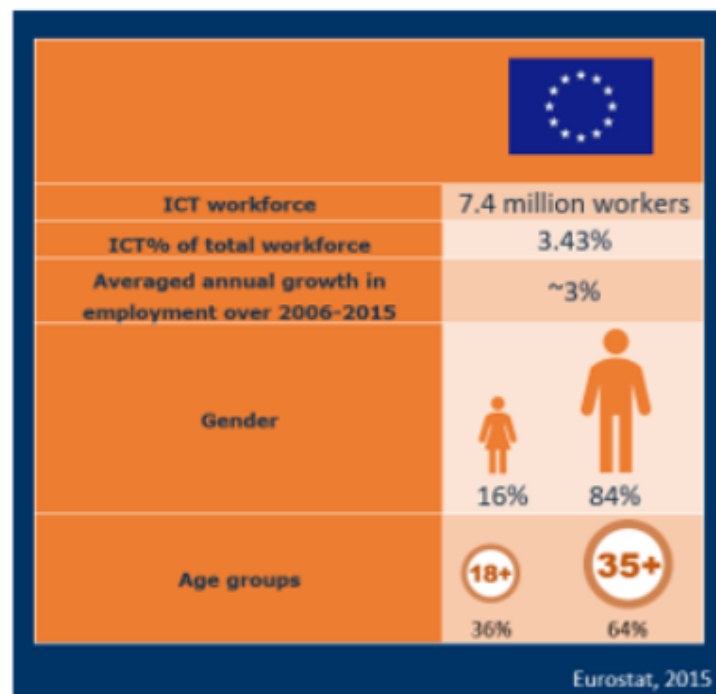
EURAXIND-LMI RESEARCHER BRIEF SERIES

As part of EURAXIND's Labor Market Briefings Series, this report will give an overview of the IT sector specifically in Europe and how European researchers can begin making their career in the sector. While providing a general overview of the IT sector, this report will focus on the IT sector in three European countries, the United Kingdom, Germany, and Israel (non-European- Associated country), as all three countries boast significant IT sectors. It should be noted that this is a general overview of the IT sector and does not seek to give specific information, rather a glimpse of the sector.

THE IT SECTOR:

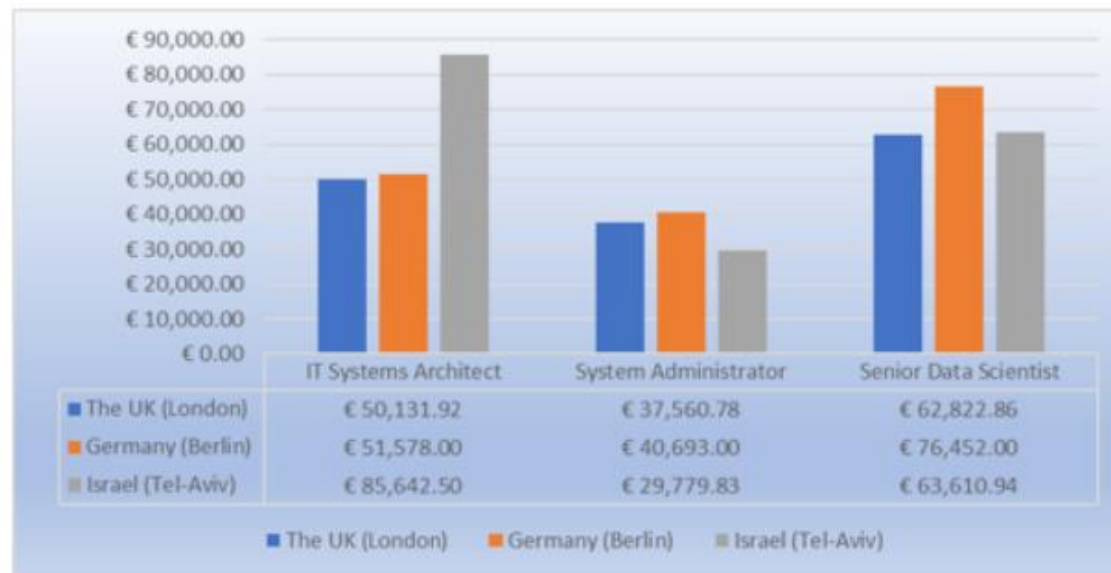
The IT sector stands for the Information Technology sector in recent years multiple bodies such as the OECD have begun calling the IT sector the ICT sector. In their classification of the ICT sector, the OECD defined it as, "as a combination of manufacturing and services industries that capture, transmit and display data and information electronically." In this report, we have expanded the definition of the IT sector not only to ICT but to any sector classification that has to do with Technology or High-Tech.

The last two decades have seen the information technology (IT) industry become one of the most important and dominant industries/sectors in the world. The birth of the IT sector over the last few decades has created unparalleled economic growth worldwide and specifically in the "West". This sector is defined by large IT economies which attempt to meet the exploding technology demands from businesses and private citizens. Not only has the sector become a force of production and output but one of employment as well. The sector employs millions of highly trained employees around the world who, for the most part, receive extremely competitive pay and benefits.



GETTING A RESEARCH JOB IN THE EUROPEAN IT SECTOR:

Ph.D. and Postdoc holders in Engineering, Mathematics, Computer Science, and Technology can look forward to finding well-paying employment in the IT sector, just look below.



*Adapted from [Payscale](https://www.payscale.com/wizards/ue/q.aspx?mq=y&wizardid=78&levelid=106&gid=2938&gid=3196&gid=295), <https://www.payscale.com/wizards/ue/q.aspx?mq=y&wizardid=78&levelid=106&gid=2938&gid=3196&gid=295>
next=%2fwizards%2fue%2fdefault.aspx%3fwizardid%3d7%26pid%3db77aa507-ff68-450e-9c4e-52fe49beff85&pid=b77aa507-ff68-450e-9c4e-52fe49beff85. All currency conversions performed on 7/4/2017 using [Xoosoox](#) Live data

While a Ph.D./Postdoc is not a prerequisite to finding significant employment in the IT sector it can be useful for distinguishing oneself from other potential job candidates. It may also allow for accelerated upward mobility in the employee hierarchy in large companies. Despite this, it should be noted that experience in the sector is a priority for many IT employers, with experience often valued over degree attainment. Therefore, when committing to additional extended studies one should be wary of the expense in potential experience in the sector. Many Ph.D./Postdoc graduates have been able to leverage their studied specialties and areas of expertise to find employment in specific projects undertaken by companies in the IT sector. Overall, employment and career prospects are looking up for researchers.

The most relevant skills required for most IT positions are: The ability to maintain existing software applications and develop new ones, experience in the application of technical standards, theories and techniques, the ability to problem-solve, and communication skills.

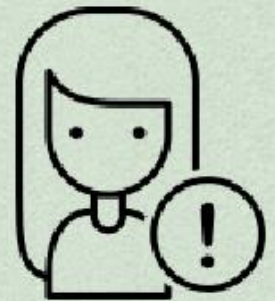
While those are the main required skills some additional ones that can be beneficial to have are: problem-solving skills, logical and objective thinking, creativity, enthusiasm, good time management ability, organizational and project management skills and presentation skills (Prospects 2017).

4 Self Reflection

A Assess your capabilities and expertise (Vitae RDF)

B Explore your values and motivations for your career (Pipers tool)

C Advice and finding the right mentor



Career Development Module

HOME

VALUES AND MOTIVATIONS

SKILLS

CAREER OPTIONS

PLAN YOUR DEVELOPMENT

YOUR FEEDBACK

No limits: exploring careers for researchers

Welcome! The 'No limits' toolkit for researchers highlights resources to help you

- identify what's important for you in your career
- plan to build on your skills and knowledge
- consider a wide range of career options.
- make a plan to reach your professional development goals.

The toolkit includes advice, quizzes to help you explore your own needs and links to resources, information and opportunities.



GET DIRECTIONS!

or explore the toolkit by clicking on tabs above

TRAINING AND OTHER RESOURCES FOR THOSE WHO SUPPORT RESEARCHERS'
PROFESSIONAL DEVELOPMENT



5 How to Guides - Finding Opportunities



A Entrepreneurship

B Placements

C Looking for Jobs - Where to Start

D Who else can help?

E Social Media and Online Profile

F Networking

G Professional Development Plan

6 How to guides - Getting the Job



A Creating a non-academic CV

B Interview Skills

C Communicating your research outside of your field

D Fellowships and schemes that promote transition

E Handling job offers

7 Links to Other Useful Websites



A series of links to other useful sites with explanation.

Career Development Module



- General impression of the module?
 - What is missing?
 - What more is needed?
- Additional input for the Toolkit ?

THANK YOU!!

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