

The European
Competence
Framework for
Researchers
(ResearchComp)

Dario CAPEZZUTO

European Commission, DG R&I
Unit A2 ERA, Spreading
Excellence and Research Careers



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Background

Transversal skills not sufficient

Unawareness of own transversal skills

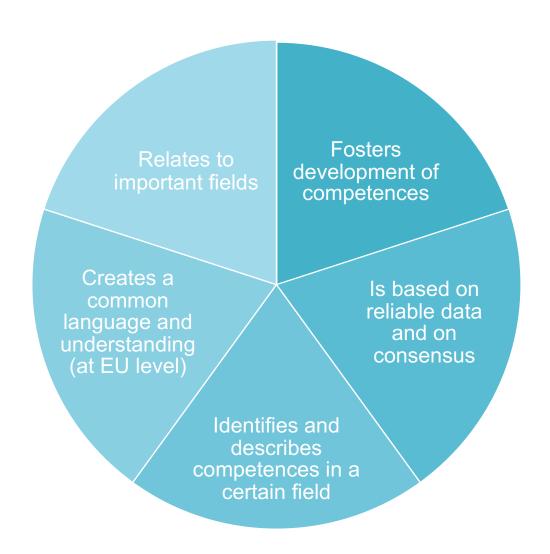
Unable to "sell" own transversal skills to employer

Employer unaware of researchers' skills

Not sufficient mobility between sectors



What is a competence framework





ResearchComp: the European Competence Framework for Researchers

MANAGING RESEARCH Mobilise resources

Negotiate

- **Competence Areas**
- 38 Competences
- All competences are equally important & interrelated
- Competences can be acquired via dedicated training, on-the-jobtraining, peer-to-peer learning, coaching and mentoring
- Each stakeholder can use the Framework as a starting point to address its own needs
- Researchers encouraged to develop competences in all 7 areas, but should not acquire the same or the highest level of proficiency for all competences

DOING RESEARCH

MANAGING

RESEARCH TOOLS

· Manage research data

· Promote citizen science

WORKING

WITH OTHERS

Develop networks

· Work in teams

· Interact professionally

Ensure wellbeing at work

 Build mentor-mentee relationships · Promote inclusion & diversity



- · Have disciplinary expertise
- · Perform scientific research
- · Conduct interdisciplinary research
- · Write research documents
- · Apply research ethics and integrity principles

Manage intellectual property rights

· Operate open source software

Manage projects MAKING · Evaluate research





AN IMPACT



- · Participate in publication process
- Disseminate results to the research community
- Teach in academic or vocational contexts
- · Communicate to the broad public
- Increase impact of science on policy & society
- · Promote open innovation
- · Promote the transfer of knowledge



- · Manage personal professional development

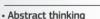
SELF MANAGEMENT



- Show entrepreneurial spirit
- · Plan self-organisation
- · Cope with pressure



COGNITIVE **ABILITIES**



- · Critical thinking
- Analytical thinking
- Strategic thinking
- Systemic thinking









ResearchComp – Overall structure



38 competences with descriptors

4 **proficiency levels** for each competence

Learning outcomes for <u>each proficiency level</u> of <u>each</u> <u>competence</u>



An example...

Abstract thinking (Cognitive abilities): Demonstrate the ability to use concepts in order to make and understand generalisations, and relate or connect them to other items, events, or experiences.

Foundational

- Assimilates concepts from own discipline
- Establishes relationships with own knowledge

Intermediate

- Elaborates concepts independently
- Identifies and understands complex trends and patterns

Advanced

- Uses with confidence concepts from other disciplines
- Provides insights beyond the obvious

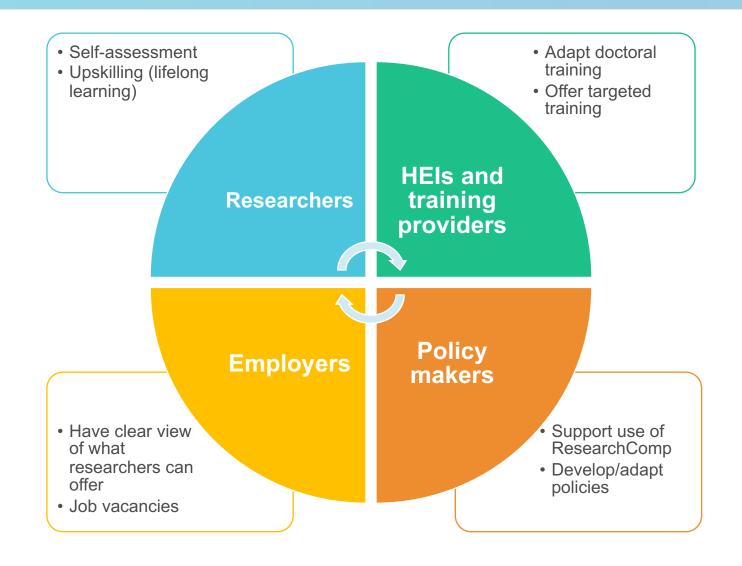
Expert

- Connects

 unrelated ideas
 and concepts to
 elaborate
 theories
- Contributes
 outstanding
 insights pushing
 the frontiers of
 knowledge



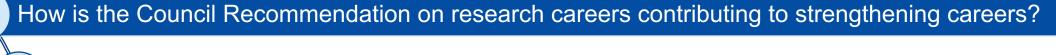
What use for ResearchComp?







Many questions, difficult answers



Where is there a higher investment in R&D?

What countries or sectors offer more opportunities?

Where are permanent contracts more likely to be awarded?

What are the most requested skills?

Where is it easier to have career progression?



Towards ReICO

Skills and qualifications

- Occupations
- Individuals
- Institutions

Contribution agreement with OECD for period 2024-2029

Research jobs

- Supply/demand
- Employment conditions
- Working conditions
- Social protection

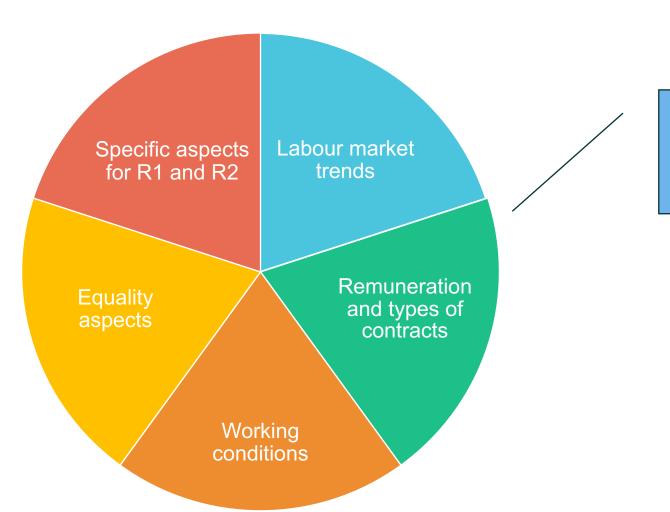
Mobility

- Talent circulation
- Brain drain
- Intersectoral and interdisciplinary

Data annually starting in Q2 2025



How can an observatory help my career?



- Accessible from the ERA Talent Platform
- Factsheet already available for more information





Thank you!

