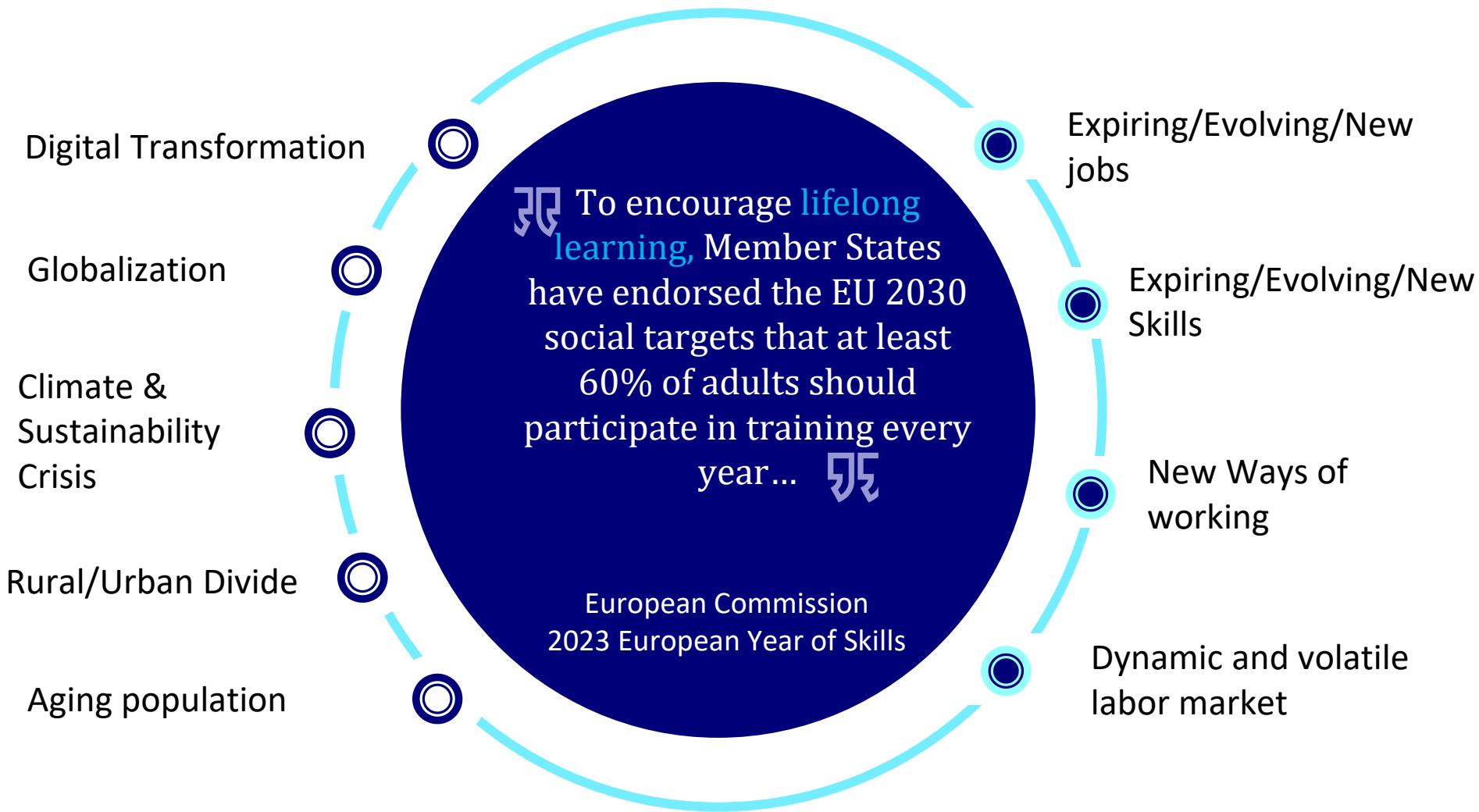
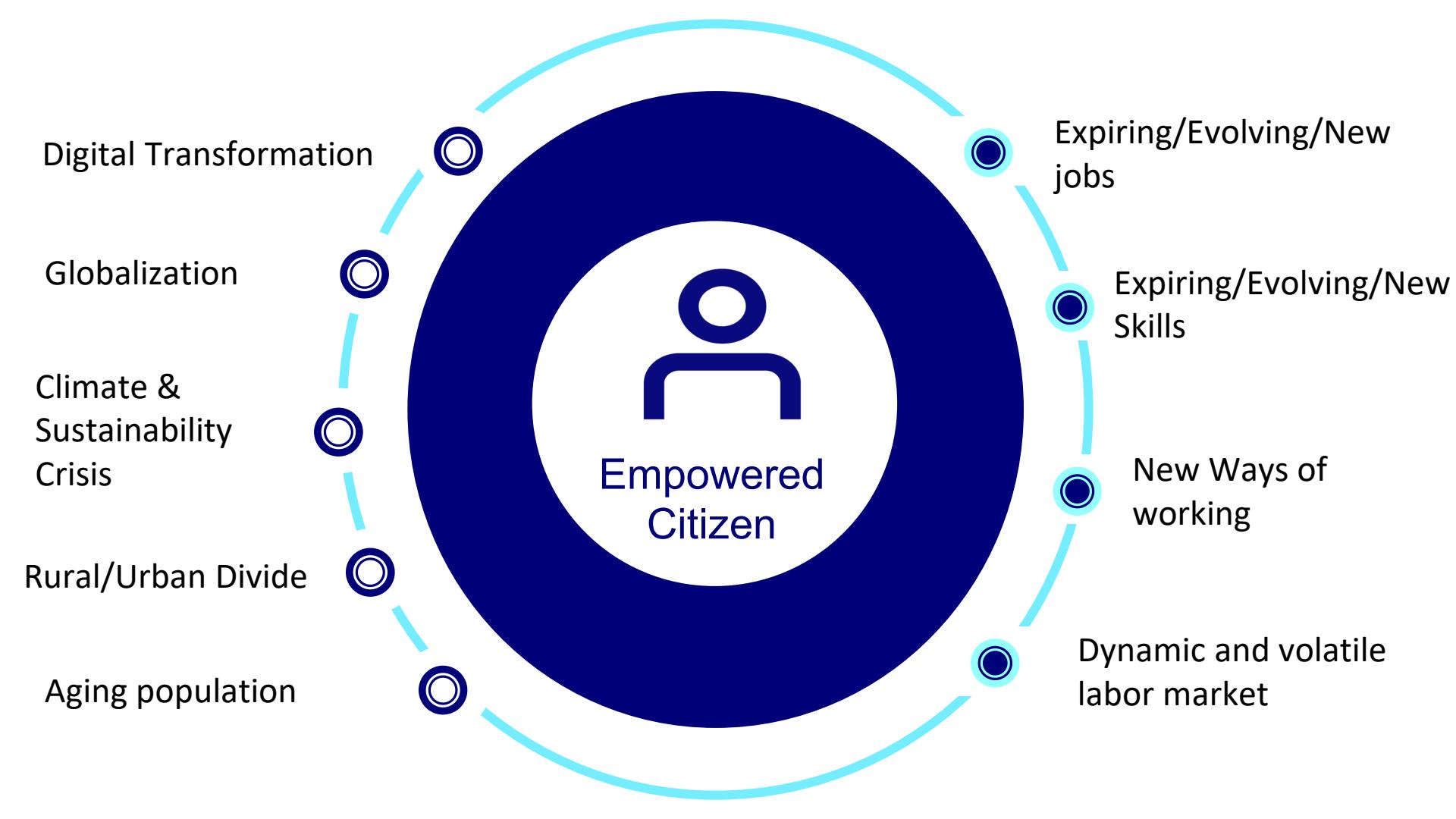


# Unit of Skills Alignment and Labour Market Analysis (UPAL)

**How do we provide quality lifelong learning to meet the needs of individuals and organizations in rapidly changing work environments?**

# Problem Context





# Unit of Skills Forecasting and Labour Market Intelligence

- Forecasting and LMI for skills anticipation and matching
- Skills Forecasting and skills demand analysis for lifelong learning of individuals and organizations
- RD&I→design of lifelong learning pathways to respond to such skills needs.
- Evaluation of the impact of Labour Market and Continuous Education Policy

**For:**

- Higher & Continuous Education Institutions
- Citizens and Lifelong Learners
- Workers and Organizations

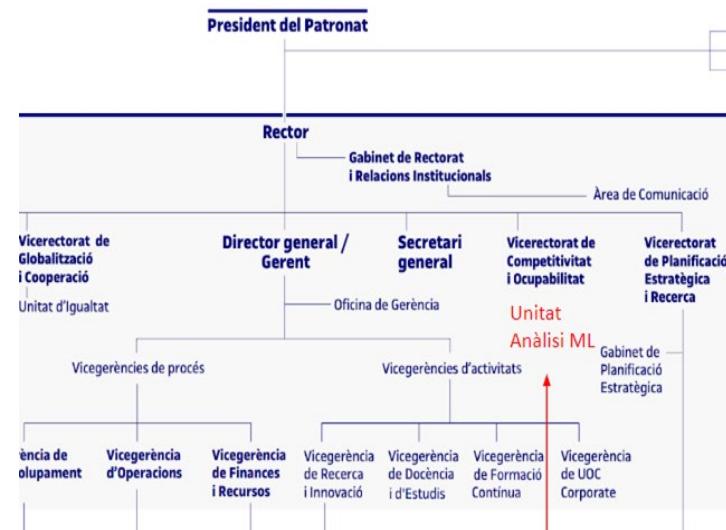
... it becomes increasingly difficult to keep up to and act on these changes



# The UOC response

Create a unit within the university whose mission is to generate **scientific knowledge** about:

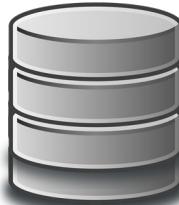
- **Skills-demands** across relevant industries and sectors
- **Citizens** needs for lifelong learning and continuous education
- Dissimenate knowledge to empower **UOC students/alumni, Program Directors and society**



# A multidisciplinary team

Member	Photo	Bio
Carles Bruguera		Doctor of Education and ICT (e-learning). His career has combined a dual-pronged approach to digital communication, in collaboration with different institutions and digital media, and academic research, with a focus on studying and improving higher education online ( <a href="#">LinkedIn</a> , <a href="#">Researchgate</a> ).
Marina Muñoz		Master's in Economic Research from the University of Valencia. Its field of research is Applied Economics and Statistical Methods ( <a href="#">LinkedIn</a> ).
Federico Christman		Mg. in Economics. Its field of research is Applied Economics, particularly the Labor Economics. He also has interests in Data Science and Statistical Learning ( <a href="#">LinkedIn</a> ).
Carmen Pagés		Head of the Unit and researcher of the UOC's Department of Economy and Business. Doctor of Economics at Boston University. He has previously held various research and management positions at the Inter-American Development Bank and the World Bank. His field of expertise and research is Work Economics and Lifetime Training ( <a href="#">LinkedIn</a> ).
Mitchell Peters		Mitchell Peters is a post-doctoral researcher and educational developer. In the field of educational technology, his research interests include lifelong learning and online higher education with an emphasis on interdisciplinary, mixed methods, and critical perspectives ( <a href="#">LinkedIn</a> , <a href="#">Google Scholar</a> ).
Natalí Basilico		Master's degree and candidate for Doctor of Economic Sciences. He has taught and managed at universities in Argentina and Mexico. His research interests include Sustainable Development Economics and Labor Economics ( <a href="#">LinkedIn</a> , <a href="#">Researchgate</a> ).

# Cómo operamos



We collect and analyze information about:

- Occupations, **competencies**, education and experience demanded in the labor market (vacant)
- Primary data from companies and workers/students
- Learning offer

We offer recommendations...



STUDENTS/  
WORKERS

- Professional Trajectories
- Courses and training pathways



TEACHERS/  
ADMINISTRATION

- Relevance for UOC educational offering
- Curriculum and program renewal

# Other UPAL projects

## Labour Market Insights Reports



Reports for each job market study of our educational programs

## GPS PROFESIONAL



**GPS PROFESIONAL**

Virtual career guidance tool for students and alumni

## DRSKILL@U



Promote modularized *reskilling* and *upskilling* thru career guidance

## MCE



MCE - Modular Continuing Higher Education by Microcredentials

Research student preferences for microcredentials

## PROJECTA'T



Generalitat de Catalunya  
Consorti per a la Formació Contínua  
de Catalunya

Career orientation and skills forecasting for companies and working professionals

## EULEP



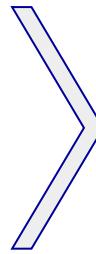
Identifies AI and VR VET needs in Catalonia

## 1/2 Project overview

## Main objective:

## Skills-demand Analysis

## Career Orientation



# Supporting workers from Catalonia in the adaptation process in the face of changes in productive sectors and in the jobs themselves



Project duration:  
**12 months**  
Starting date: **12-2022**



## 2/2 Project overview



# THANK YOU!

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