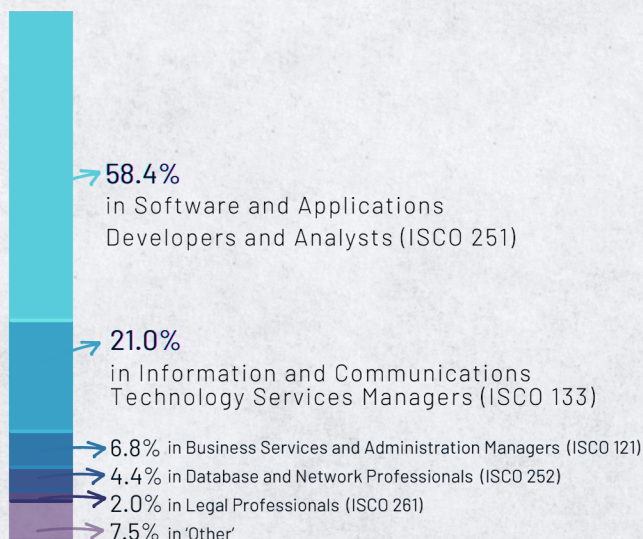


# Blockchain Skills Forecasts 2023

## The European Blockchain Labour Market

- Blockchain-related workers: Approx. 362.000
- Equivalent to 0.2% of the EU employment
- Blockchain-related jobs account for 0.24% of all EU jobs advertised on LinkedIn

## Distribution of Blockchain-Related Jobs by Occupational Categories



## European Forecasts for the Blockchain Labour Market, 2021-2026

29.383

Blockchain-Related Jobs

13.278

of Blockchain-Related Jobs are for Graduates

25.557

Graduates with Blockchain Exposure

45%  
of Blockchain-Related Jobs are for 'New Entrants'

## Top 6 Blockchain Skills

(LinkedIn job adverts, 2022)

1. Communication
2. Cooperation competence & Team-working ability & emotional/social intelligence
3. Skills for (blockchain) Use Cases development
4. Blockchain solutions design
5. Systems & Networked thinking, analytical competence, problem solving
6. Coding (C++, Python, Java)

## Sectoral Development Trends

(Blockchain business representatives)

- EU unifying legal and policy frameworks on crypto assets
- Strengthening and growing European Blockchain Ecosystem
- Blockchain-related sectoral challenges: lack of standardisation, privacy and security risks, tech misconceptions
- Market growth expected due to investment in research, governmental interest, and widespread blockchain adoption

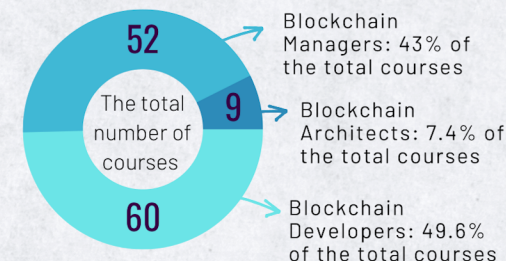
## Trends in E&T Provision

(Interviews with E&T providers)

- Blockchain teaching has increased in finance
- More blockchain-related material incorporated in higher education
- 30% increase in demand for blockchain courses since last year
- Student profiles enrolling:  
Engineers, software developers, IT professionals, managers, people working in finance, entrepreneurs, business people, and individuals working in social science related fields

## Analysis of E&T Developments

121 Education and training courses identified by the CHAISE consortium across the EU in 2022



## Changes in Job Advertisements 2021-2022

(LinkedIn job adverts)

- ↑ Greater demand for more experienced blockchain workers
- ↑ Increased demand for Blockchain-related workers in: Information and Communications Technology Services Manager, Business Services and Administration Manager, and Legal Professionals occupations
- ↓ Decreased demand for Blockchain-related workers: Software and Applications Developers and Analysts, Database and Network Professional occupations

## Blockchain Labour Market in Europe (Online job vacancies, 2022)

- Over half of blockchain professionals are working in the ICT sector
- Approx. 46% of blockchain-related jobs are open to new entrants to the labour market
- In 53% of blockchain-related job advertisements the employer did not specify a minimum educational requirement