



R2 - SKILLS CATCHER



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The following document is a part of the R2 - CIRCULAR SKILLS CATCHER of the TICHE - Training Innovation for Circularity and Holistic economies, Erasmus+ project. The following mini-report represents a summary of the finding of the full report developed by the Wuppertal Institute within the R2. It contains a brief description of three main professional profiles emerging in the sphere of the circular economy.

The "CIRCULAR SKILLS CATCHER" is an interactive, dynamic tool thought to map the increasing skills need concerning sustainability and circular economy, the so-called "green skills". The Circular skills catcher function as a supporting tool for trends and drivers analysis, scenario development, and skills evolution referring to the prior economic sectors which have been transitioning to a sustainable and circular economy. Through the methodological framework, all the fundamental "pillars" are shaped, described, and set. Input datasets are also defined to decide which kind of sources will nourish the tool itself in terms of sectoral evolution, and occupational trends/professional profiles. Available at <https://tiche-academy.eu/>.



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I. Consumer electronics repair technician

Definition:

Consumer electronics repair technicians perform the necessary repairs or replacements for electronic devices such as mobile phones, computers, etc.

Why are they important?

Because the transition to a circular model allows raw materials already existing in the market to maximise their value. Solutions such as repair, that involve the reuse of goods and thus oriented towards the principle of waste prevention, are preferable to recycling.

Code in the ESCO Classification

7421.3

Essential Skills and Competences

- Replace defect components
- Use repair manuals
- Provide customer information related to repairs
- Create solutions to problems

- Apply technical communication skills
- Perform services in a flexible manner
- Develop professional network



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2. Recycling specialist

Definition:

Recycling specialists research recycling policies and legislation, and supervise implementation in an organisation to ensure that waste management occurs according to regulations. They perform inspections, provide recycling equipment, and supervise recycling workers. They also advise organisations on ways they can improve their waste management procedures.

Why are they important?

Recycling specialists enable those activities that allow raw materials to take on a second life by remaining within the production system, such as secondary raw materials.

Code in the ESCO Classification

2143.1.3

Essential Skills and Competences

- Advise on waste management procedures
- Develop recycling programs
- Advise on waste management procedures
- Identify new recycling opportunities

- Train staff on recycling programs
- Promote environmental awareness
- Build business relationships



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3. Mobility services manager

Definition:

Mobility services managers are responsible for the strategic development and implementation of programs that promote sustainable and interconnected mobility options, reduce mobility costs and meet the transportation needs of customers, employees and the community as a whole such as bike sharing, e-scooter sharing, carsharing and ride hailing and parking management. They establish and manage partnerships with sustainable transport providers and ICT companies and develop business models in order to influence the demand of the market and promote the concept of mobility as a service in urban areas

Why are they important?

The transport and mobility sector is one of those with the highest environmental and social impact, especially in terms of greenhouse gas emissions and the consumption of energy and raw materials. In the new model of circular production and consumption, factors such as the prevention and sharing of means of transport, aim to drastically reduce the ecological footprint and reduce inequalities among the population by facilitating access to mobility services for all.

Code in the ESCO
Classification

2164.2

Essential Skills
and
Competences

- Promote public transport
- Analyse transportation costs
- Design customer experiences
- Develop business plans
- Develop innovative mobility solutions
- Manage relationships with stakeholders
- Manage quantitative data



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